



page 7 Bakken Stats: Murex Albert Skari well takes top IP slot at 4,125 bpd

Rail's worst nightmare



TRANSPORTATION SAFETY BOARD OF CANADA

Police investigation of Quebec rail disaster spans 'sabotage to criminal negligence'

Over the past decade, American railroader Hunter Harrison has come out on top in two corporate bloodlettings, first to be president and chief executive officer of Canadian National Railway, then to occupy the same two posts with Canadian Pacific Railway.

■ Latest news from Quebec: See page 3

It's probably fair to say he had a few sleepless nights and a few bad dreams along the way.

But it's doubtful he has ever had a nightmare turn into reality like the one he referred to at CP's latest annual meeting.

Tackled by reporters about the risks of carrying crude by rail, Harrison said:

"Look, are we never going to have an accident? No. It's not

see RAIL DISASTER page 5

Halcon transfers all active assets to HRC Operating

In this week's North Dakota well operator transfers list (page 8), there are numerous transfers of wells from G3 Operating LLC to HRC Operating LLC.

HRC Operating, formerly G3 Operating, is an indirect, wholly-owned subsidiary of Halcon Resources Corp.

G3 Operating was acquired by Halcon as part of Halcon's acquisition of GeoResources in 2012. The transfers are part of an internal reorganization and simplification effort by Halcon to apply its brand to all of the company's remaining subsidiaries.

All active assets that were formerly identified as G3 Operating are now identified as HRC Operating, both in North Dakota and Montana. The transition was done through a blanket name change.

There are still wells on the North Dakota Industrial Commission Department of Mineral Resources Oil and Gas

see HALCON TRANSFER page 6

COMPANY UPDATE

Back on course

Magnum Hunter Resources projects huge production increase for 2013

By RAY TYSON
Petroleum News Bakken

Magnum Hunter Resources Corp. is back on track and projecting Herculean production growth after resolving accounting problems that caused the E&P independent to miss important financial reporting deadlines, leaving investors in the dark about how the company was actually performing.

Magnum Hunter fulfilled part of its obligation in mid-June when it filed its full-year and fourth-quarter 2012 10-K report, nearly three months after missing the March 18 deadline.



GARY EVANS

The filing of the company's first quarter 2013 10-Q report on July 8, though also late, put Magnum Hunter back in good graces with U.S. Securities and Exchange Commission reporting mandates.

On June 17, Magnum Hunter said it received a letter from the New York Stock Exchange accepting the company's plan to regain compliance for continued listing on the exchange, granting Magnum Hunter an extension until Aug. 13 to comply. The company has said by then it should be able to file its second quarter 2013 report with the SEC.

see MAGNUM PRODUCTION page 14

COMPANY UPDATE

A mix-up in well names?

No records found for wells Breitling says were drilled in North Dakota

By MIKE ELLERD
For Petroleum News Bakken

Prompted by an inquiry from a reader, Petroleum News Bakken has looked into five wells that Dallas-based independent Breitling Oil and Gas Corp. says have been drilled in North Dakota. Petroleum News Bakken, however, can find no evidence that any of the wells exist, at least not under the names that Breitling has used to identify the wells in postings on its website.

The issue arose when the reader said Breitling had posted press releases on its website announcing progress on the drilling of two of the company's wells in Mountrail and Williams counties

Petroleum News Bakken then searched further into Breitling's website and found three more wells that the company claims were drilled in North Dakota but for which no records exist on the Oil and Gas Division's online database.

which were identified as the Breitling-Pumpkin Ridge #2H and #3H wells, respectively. The reader couldn't find any evidence that the wells actually exist.

Petroleum News Bakken found that the first

see WELL NAMES page 13

GEOLOGY

Tapping the False Bakken

Slawson, Fidelity producing from False Bakken; upper Bakken work ongoing

By MIKE ELLERD
For Petroleum News Bakken

In June, the Montana Board of Oil and Gas Conservation approved a request by Slawson Exploration to make permanent a 640-acre spacing unit in Richland County for the production of oil and gas from what is believed to be the first well to produce oil and gas from the False Bakken.

The target formation of the Weasel 1-36H well is formally identified on the board's online database as the Lodgepole formation, but Jim Halvorson, a petroleum geologist with the agency, told Petroleum News Bakken that the Weasel 1-36H is, in fact, a False Bakken well. The well is in the Elm Coulee field in western Richland County.

Drillers coined the term "False Bakken" because the interval can appear very similar to, and was sometimes initially confused with the upper Bakken member.

The single-lateral Weasel 1-36H has a total vertical depth of 9,566 feet and a measured depth of 13,834 feet, resulting in a lateral length of 4,268 feet into the False Bakken. The well began producing in August of 2012 and through April 30 has yielded a total of 12,946 barrels of oil over 219 days of production for a producing daily average of 59.11 barrels of oil per day, bopd. The well has also produced an average of 10 thousand cubic feet, mcf, of natural gas per day of produc-

see FALSE BAKKEN page 16

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Petroleum News Bakken

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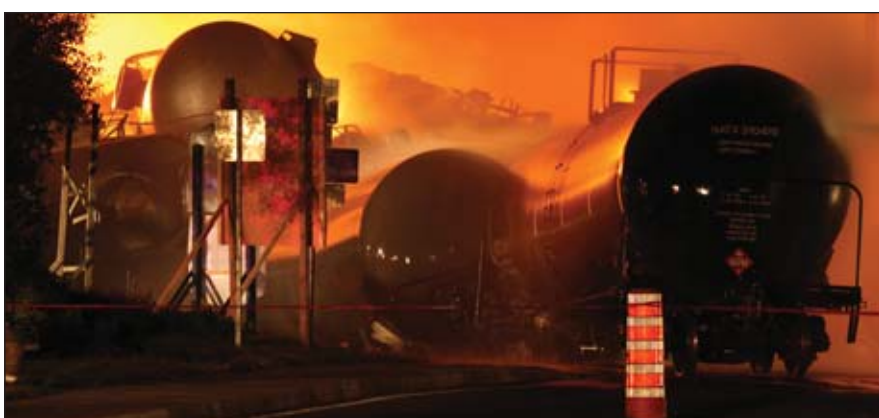
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IN OTHER NEWS

Vancouver rethinking oil-train terminal

The ripple effect of Quebec's deadly July 6 rail-car explosion has begun to be felt in the U.S., as commissioners for the Port of Vancouver in southwest Washington look to re-evaluate plans for the largest train-to-ship oil transfer terminal in the Pacific Northwest. Most of the oil for the planned terminal will come from the Bakken region.

According to a report from Oregon Public Broadcasting, a July 23 vote by the commissioners on approving the terminal lease was in question, with many on the panel also wanting to extend the negotiation period with terminal developers that include Tesoro.

"We've been assured that crude oil doesn't explode. OK? It burns, but it's not supposed to explode," Port commissioner Brian Wolfe told OPB. "So what happened in Quebec? What makes that different than what we've been led to believe?"

Wolfe told OPB he still supports the facility and thinks the project will go forward, though the approval may be postponed. If the lease is approved, the project will then go through an environmental review with final approval from the governor.

The Tesoro/Savage facility would move up to 360,000 barrels of oil per day from trains onto ships bound for refineries in Washington, California and Alaska.

—STEVEN MERRITT

Bridger partners with private equity firm

A midstream mainstay with an eye for expansion has partnered with a private equity firm and may soon be on the hunt for acquisitions.

According to a story the Dallas Business Journal, Dallas-based Bridger LLC announced a partnership earlier in July with Riverstone Holdings LLC worth \$300 million. This is the first time the company has sought private equity, according to the Journal.

"We have a long list of projects that we want to engage in and it takes a lot of capital to do that," CEO and President Julio Rios told the Journal. "We now get an injection of cash flow to execute those projects."

The company has operations in 11 states including the Bakken region in North Dakota as well as the Gulf Coast, Permian Basin and Eagle Ford shale in Texas.

Founded in 2008 by Rios and partners James Ballengee and Jeremy Gamboa and initially self-funded by the men, Bridger has grown from an \$8 million business in 2010 to a \$2 billion business in 2012, according to the Journal. The company's infrastructure includes 300 crude oil tanker trucks, 530 rail cars, 12 pipeline injection stations, 140,000 barrels of crude oil storage, two pipelines and 45,000 barrels per day of rail loading and unloading capacity for oil.

—STEVEN MERRITT

SAFETY & ENVIRONMENT

Train engineer suspended without pay

MM&A chairman Edward Burkhardt told a televised news conference in Lac-Megantic July 10 that the train engineer has been suspended without pay. (See story, page 1.)

He said the engineer told MM&A executives he had applied 11 brakes when the train stopped at Nantes, west of Lac-Megantic, but "it's my general feeling that's not true."

NEWS FLASH

Burkhardt said "it's questionable whether the brakes were properly applied."

Asked whether he expected the engineer to face criminal charges, he said: "I can't draw the line between carelessness and criminal negligence."

But he said it was easy to understand why Quebec police are conducting a criminal investigation.

Burkhardt said it is his objective to help relocate residents who have lost homes and rebuild their residences along with establishing a compensation fund.

He also believes MM&A will eventually be operating in Lac-Megantic, but that could be on a new line that bypasses the town.

"We have lots of insurance," he said, but would not say how much or identify the Canadian insurer. "I think the limits (of the policy) are going to be tested."

—GARY PARK

DRILLING & COMPLETION

Magnolia reports IPs on Marathon wells

In late June and early July, Oklahoma-based Magnolia Petroleum released production results from two Marathon Oil-operated Bakken wells in North Dakota in which the company has an interest. Magnolia calls the results "excellent."

On June 28, Magnolia said the Gustafson 31-30H well in the Bailey field in central Dunn County came in with an initial production, or IP, rate of 1,216 barrels of oil equivalent per day, resulting in a net IP for Magnolia of 50 boepd.

On July 5, Magnolia said the Helgeson 41-30H well, also in the Bailey field, came in with an IP of 1,401 boepd, resulting in a net IP of 57 boepd for Magnolia.

"Based on the initial production rates, the two Bakken wells... have together increased our daily production by 107 boe in the space of a week," said Chief Operating Officer Rita Wittington July 5, representing a near doubling of the 122.5 boepd reported by the company as of Dec. 31.

Magnolia also has interests in wells in the Mississippi Lime, Woodford and Hunton plays in Oklahoma.

—MIKE ELLERD

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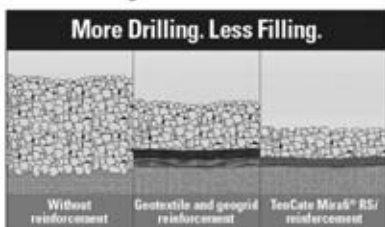


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FINANCE & ECONOMY

Canada service sector on a roll

By **GARY PARK**

For Petroleum News Bakken

What's good for the United States, resulting from its rising domestic oil and natural gas production, is not necessarily so for Canada, although the negative fallout north of the 49th parallel is not yet evident.

With prices for bitumen from the oil sands on the mend at US\$85 per barrel, compared with US\$45 in January, hope of renewed upstream activity is growing, as burgeoning tight oil plays in Western Canada make their contribution to a robust outlook for oilfield service companies.

The Conference Board of Canada has forecast that service sector spending will grow by 14.2 percent this year to C\$7.19 billion and reach C\$8.18 billion in 2014, but ease off in percentage terms, while growing by dollar amounts to C\$11.56 billion in 2017.

Revenues are forecast to climb from C\$33.58 billion in 2013 to C\$46.39 billion in 2017, while earnings are targeted at C\$250 million this year and are expected to grow annually to reach C\$641 million in 2017.

The report does not provide a breakdown, but the three major categories are the oil sands, shale gas deposits to support LNG projects and the tight oil plays of Western Canada, including Saskatchewan's Bakken.

The Canadian service industry is dominated by three powerhouses — Precision Drilling, Trican Well Service and Ensign Energy Services.

However, companies with 10 employees or less account for about 82 percent of the entities.

'Huge challenge' to Canada

Glen Hodgson, the board's senior vice president and chief economist, said in a National Post article that the growing U.S. energy self-reliance is likely to pose a "huge challenge" for Canada to diversify its client base from its dependence on one significant export market.

For the short term, he suggested that increases the pressure on Canada to secure enhanced access to the U.S. market, making approval of Keystone XL imperative.

Keystone XL, while primarily focused on opening new markets for oil sands bitumen, is also seen as an escape route for stranded crude from the Bakken in Saskatchewan and North Dakota.

Keystone XL, while primarily focused on opening new markets for oil sands bitumen, is also seen as an escape route for stranded crude from the Bakken in Saskatchewan and North Dakota.

Beyond that, a two-part strategy is required, Hodgson said. First, expanding access to global markets to lessen the chances of an energy price discount becoming permanent and, secondly, "working to maintain and even grow our energy market share in the U.S."

To achieve the first goal means "developing a diversified energy transmission infrastructure as a top national priority, with all the players — business, federal and provincial governments, organized labor and other stakeholders, notably First Nations — sitting at one table and setting an agreed common strategy."

The second phase requires adequate North American energy infrastructure and regulatory alignment, but it also means enhancing the energy industry's "social license to operate" through a comprehensive policy that demonstrates Canada's commitment to sustainable energy development, particularly addressing the rising production of greenhouse gases, he wrote.

Hodgson said lowering greenhouse gas intensity per unit of output would be a good start, "But only a start."

He said the growth of U.S. production is a game-changer for Canada and "when the game changes, you either change your own game — or you lose out."

Keystone XL urgency

The urgency to get an Obama administration go-ahead for Keystone XL has been intensified in recent weeks as the return from Alberta's oil sands bitumen has closed the price differential between Western Canada Select and West Texas Intermediate to US\$10 per barrel from as high as US\$40 in January, marking a

see **SERVICE SECTOR** page 6

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RAIL DISASTER

the case.

“I don’t know of any mode of transportation, whether it’s pipeline, air or rail that has not had accidents. And, God forbid, there will be an accident in the future that we have to deal with the best we can,” he said.

It took less than two months for an event that likely not even he could have imagined to take place.

The one small comfort for Harrison was that CP had only an arm’s length connection with the horror in the early hours of July 6 that wiped out the heart of a small Quebec town, destroying scores of houses and commercial buildings, killing 15 and leaving a list of about 45 people among the missing that authorities have hinted may never be found and identified.

Inspector Michel Forget of the Surete du Quebec (the Quebec provincial police force) turned up the volume on July 9 by disclosing that an “unprecedented criminal investigation” is underway involving 200 officers, saying evidence has been uncovered to support the criminal probe.

Chain of events

The chain of events actually started with CP, which picked up a unit train of Bakken crude in North Dakota, before handing the 72 tank cars with 50,000 barrels of crude to Chicago-based short-haul operator Montreal, Maine & Atlantic.

With a single engineer at the controls, the train continued about 140 miles east of Montreal to the town of Nantes, where the operator pulled off to a siding and, says MM&A, applied the brakes, secured the train and headed for a rest in a nearby hotel.

He had barely left when a fire was noticed in the locomotive and the nearby Nantes Fire Department extinguished the blaze.

Everyone left, apparently satisfied the proper measures had been taken, but at 12.56 a.m. on July 6 the train started rolling down a continuous slope into Lac-Megantic and 18 minutes later derailed on a curve into the town center at a speed “much over” the authorized limit, according to officials with the Transportation Safety Board, or TSB, of Canada.

The slope of 1.2 percent was rated as “huge” by the officials, almost in the same category as the 1.6 percent-2 percent gradients in the Canadian Rockies.

Five of the cars caught fire and set off a series of explosions which leveled the historic town center and killed late-night partygoers in a local pub.

Lac-Megantic faces months of pain and years of trying to rebuild what has been destroyed in their community of 6,000.

Investigation could takes years

A team of 14 TSB investigators is involved in trying to determine what happened and figuring out what if anything should be done prevent a recurrence.

Chief investigator Donald Ross indicated the process could take years and any recommendations on rail safety



procedures would take even longer to implement – five years by a Transport Canada estimate.

Inspector Michel Forget of the Surete du Quebec (the Quebec provincial police force) turned up the volume on July 9 by disclosing that an “unprecedented criminal investigation” is under way involving 200 officers, saying evidence has been uncovered to support the criminal probe.

He said “elements” discovered so far point to a range of possible charges, from “sabotage to criminal negligence,” but did not offer further details.

“There are pieces (of evidence) that might lead us to believe that they are artifacts from criminal acts,” Forget said. “We are not at the stage of arrests right now.”

To preserve evidence, the “red zone” of the crash site was immediately designated a “crime scene” following the accident.

Edward Burkhardt, chairman of the Montreal, Maine & Atlantic Railway, told reporters his company accepts some, but not all of the blame for the accident.

Arriving late July 10 in Montreal, 150 miles west of Lac-Megantic, he said a “combination of factors” caused the derailment, including a decision by a Nantes firefighter to shut down the train locomotive, thus disabling the air brakes.

see **RAIL DISASTER** page 6

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RAIL DISASTER

"We are not pointing at this fireman as being some kind of evil guy or anything, but he played a role in the whole thing," Burkhardt said.

He said that because the tanker cars were destroyed it "will be very hard to determine" whether hand brakes were set, although he said the engineer told MM&A officials he had set a number of the brakes.

Ross said he expects the TSB will renew its efforts to "advocate" for stronger rail tank cars that carry "dangerous" goods such as crude oil, gasoline, diesel and propane.

But Ross and the TSB official Ed Belkaloul told a televised briefing they have not yet been able to obtain a detailed breakdown of the cargo on the train, even though MM&A said the 72 cars were carrying 50,000 barrels of crude from the North Dakota Bakken to Irving Oil's 300,000 barrel-per-day refinery at Saint John, New Brunswick.

Ross said the TSB, which does not assign fault in accidents, is ready to recommend changes to safety measures in the transportation of hazardous materials "as soon as we have some to communicate" and before a final report is issued.

Changes could include thicker steel

He said changes as a result of the MM&A investigation could include thicker steel or shields for the tank cars, called CTX-111A in Canada and DOT-111A in the U.S. Transport Canada said the cars make up about 69 percent of the U.S. tanker car fleet and 80 percent of the Canadian fleet.

Canada's Transport Minister Denis



TRANSPORTATION SAFETY BOARD OF CANADA

Lebel told reporters that should the TSB identify "deficiencies (in the cars) we will not hesitate to take appropriate action."

He disputed claims by critics that the government has laid off rail safety inspectors in a round of budget cutting, arguing that since 2009 more than C\$100 million has been spent on rail safety measures, while tougher penalties have been introduced.

In late 2011, the federal auditor-general warned that Transport Canada had "not designed and implemented the management practices needed to effectively monitor regulatory compliance" involving the transportation of dangerous goods.

Andrew Leach, an associate professor in the School of Business at the University of Alberta, said the Quebec disaster shows that the hazards of transporting crude oil by any means are "real and need to be managed. In that sense, it's bad for pipelines, too."

Russ Girling, chief executive officer of TransCanada — which plans to deliver 500,000-850,000 barrels per day of western

crude to Montreal and possibly Saint John under its Energy East proposal — said he expects a new set of regulations will be issued in the aftermath of Lac-Mégantic.

"We don't subscribe to theories that what is bad news for rail is good news for pipelines," he said. "This is not good news for anybody. This is a tragic event that shakes everybody. It shakes all of us that are in this business. Those kinds of events shouldn't occur."

He said the onus is now on all stakeholders to adopt modern energy infrastructure. "With all of our projects (including Keystone XL and Energy East) our focus is on ensuring that we're using the best technology, the best response capabilities that are available to us, to ensure the public that we can do these things in a safe and reliable manner."

CP's Harrison told reporters at his company's annual meeting in May that CP is proceeding "cautiously" in meeting the demand to move crude by rail.

"We're not going to spend capital to build infrastructure that will last 40 or 45 years, when we're not sure about the markets for five or six years," he said.

Wayne Benedict, a labor attorney and

former locomotive engineer who spent 15 years working for CP and British Columbia Rail, said there has been an alarming rate of deregulation in the industry.

He said that in the late 1980s Transport Canada would show up unannounced and "they'd climb all over the trains. By the time I left the railway industry in 2003, you almost never saw regulators."

A report by RBC Capital Markets said that if the U.S. government rejects Keystone XL, Canadian crude shipments by rail could increase another 42 percent by 2017.

The Railway Association of Canada has estimated that as many as 140,000 carloads of crude totaling about 91 million barrels will be shipped on Canadian rail tracks this year, compared with 500 carloads in 2009.

CP is targeting 70,000 carloads this year, up from 13,000 in 2012, and Canadian National Railway expects 60,000 carloads, double the 2012 count.

James Cairns, vice-president of petroleum and chemicals with CP, said nearly 300,000 new rail cars are to be delivered in 2014 to rail operators in Canada, adding to the capacity to ship greater volumes of crude out of Western Canada.

Keith Stewart, a climate and energy campaigner with Greenpeace Canada, said the tripling of crude-by-rail shipments since 2011 has been "done without any oversight and review and that's a huge mistake."

But he said that it is not easy to contemplate building a pipeline out of the Bakken that would "take 50 years to pay for itself" when Bakken wells are expected to produce for only 10 to 12 years, but ignoring the much longer estimates from U.S. government and oil company sources that show fields with four-to-five times that lifespan as technology improves the oil recovery rate and more wells are drilled.

—GARY PARK

Contact Gary Park through
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SERVICE SECTOR

return to 2010 price spreads.

But Robert Johnson, director of energy and natural resources for Eurasia Group, also said the shifting price pattern adds to the pressure to move more of Canada's light crude to eastern Canada and the U.S. and avoid a glut in the U.S. Midwest and Gulf Coast.

He said that as U.S. light oil and

Canadian heavy oil shipments to the U.S. push out current suppliers from Venezuela, West Africa and the Middle East, U.S. refineries will be forced to rely on Latin America as an outlet for their petroleum products.

However, he cautioned that the risk of competition and a possible glut of oil on the Gulf Coast could see a turnaround in prices for WTI and Canadian oil. ●

Contact Gary Park through
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HALCON TRANSFER

Division's website posted under G3 Operating and GeoResources, but none are active. All of Halcon's active wells are posted under the new HRC unit.

Likewise, on the Montana Department of Natural Resources and

Conservation Board of Oil and Gas Conservation's website, all of Halcon's active wells are listed under HRC with only four plugged and abandoned wells listed under GeoResources and no wells listed under G3 Operating.

—MIKE ELLERD

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Bakken **BAKKEN Stats**

Montana oil permits and completions

June 28 — July 4, 2013

This was it for the week following July 4 holiday.

In Richland County, Whiting Oil and Gas Corp. filed a completion report for the Sorteberg 27-34 1H. The Sorteberg has an SHL at NE NE 27-25N-57E (415 FNL/700 FEL) and a BHL of 19,750 feet at SE SE 34-25N-57E (668 FSL/713 FEL), drawing from the Bakken formation. The well reported an IP of 337

BOPD, 235 MCFPD of gas and 808 BWPD.

—COMPILED BY DARRYL L. FLOWERS

Darryl L. Flowers, a contributor to Petroleum News Bakken, is the publisher of the Sun Times in Fairfield, Mont., www.fairfieldsuntimes.com, and can be reached at publisher@fairfieldsuntimes.com.

BAKKEN STATS HIGHLIGHTS

Highlights: Murex takes top ND IP well

It was a slow week for Williston Basin Bakken petroleum system filings in Montana.

There was one well completion report filed and that was by Whiting in Richland County for the Sorteberg 27-34 1H well, which had an initial production, or IP, rate of 337 barrels of oil in its first 24 hours.

Per the page 1 brief in this issue, in this week's North Dakota well operator transfers list (page 8), there were numerous transfers of wells from G3 Operating LLC to HRC Operating LLC, both owned by Halcon Resources Corp.

Of the Top 10 IP for North Dakota wells showing up in the state's activity chart from June 15 through July 5, none had just been filed as recently completed; all 10 came from wells that were released from confidential status. And eight were in McKenzie County; two in Dunn County (see page 10).

Murex Petroleum took first place by almost a thousand barrels, with its Albert Skari 35-26H well in the Sandrocks field in McKenzie County coming in at 4,125 barrels of oil in its first 24 hours.

On its website Murex says it is "engaged in the acquisition, development and operation of oil and gas properties in North America. Since incorporating in 1996, Murex has enjoyed tremendous growth and success to become the fifth largest operator in South Dakota, the 11th largest operator in North Dakota and the 25th largest operator in the Rocky Mountain Region. Murex has also been ranked the 38th largest privately held oil and gas company by the Oil & Gas Financial Journal."

State of North Dakota records showed Murex in April as the 21st largest oil producer from the Bakken petroleum system, producing 8,908 bopd from the wells it operates, meaning it could have other Bakken oil from wells it does not operate or less if it has partners in any of the wells it does operate. It could also produce from other petroleum systems. About 15 percent of the oil in North Dakota comes from wells with non-Bakken system targets.

QEP Energy's Hemi 3-34-27BH in the Grail field in McKenzie came in second with 3,167 bopd. Two other Henri wells placed in the sixth and seventh in the top 10 list.

Wells operated by Burlington Resources (ConocoPhillips) placed third, fourth and fifth, with Sinclair Oil and Gas, WPX Energy and Newfield Production taking the other three positions.

—KAY CASHMAN

Contact Kay Cashman at publisher@petroleumnews.com



Looking for a rig report?

North Dakota

The best list for North Dakota is updated daily by the North Dakota Oil and Gas Division at www.dmr.nd.gov/oilgas/riglist.asp

Saskatchewan

Weekly drilling activity report from the government of Saskatchewan: www.economy.gov.sk.ca/Daily-Well-Bulletin-Weekly-Drilling-Reports

Manitoba

Weekly drilling activity report from the government of Manitoba: www.manitoba.ca/iem/petroleum/wwar/index.html



PHOTO COURTESY CONTINENTAL RESOURCES



Bakken producers' stock prices

Closing prices as of July 10, along with those from previous Tuesday

Company	Exchange	Symbol	Closing price	Previous Wed.
Abraxas Petroleum Corp.	NASDAQ	AXAS	\$2.21	\$2.04
American Eagle Energy Corp.	AMZG	OTC	\$1.75	\$1.69
Arsenal Energy USA, Inc.	TSE	AEI	\$0.42	\$0.44
Baytex Energy Corp.	NYSE	BTE	\$35.96	\$39.57
Burlington Resources Co. (ConocoPhillips)	NYSE	COP	\$63.53	\$61.79
Continental Resources, Inc.	NYSE	CLR	\$90.94	\$89.29
Crescent Point Energy Corp.	TSE	CPG	\$37.04	\$35.59
Enerplus Resources USA Corp.	NYSE	ERF	\$15.47	\$14.73
EOG Resources, Inc.	NYSE	EOG	\$142.27	\$137.88
Fidelity Exploration and Production (MDU)	NYSE	MDU	\$27.53	\$26.23
G3 Operating, LLC (Halcon Resources Corp.)	NYSE	HK	\$6.25	\$5.74
GMX Resources, Inc.	PINK	GMXRQ	\$0.20	\$0.20
Hess Corp.	NYSE	HES	\$68.73	\$67.22
Kodiak Oil and Gas (USA), Inc.	NYSE	KOG	\$9.21	\$9.18
Legacy Reserves Operating LP	NASDAQ	LGCY	\$26.64	\$26.38
Marathon Oil Co.	NYSE	MRO	\$36.24	\$34.60
Newfield Production Co.	NYSE	NFX	\$25.20	\$24.10
Oasis Petroleum, Inc.	NYSE	OAS	\$41.36	\$40.34
Oxy USA (Occidental Petroleum Corp.)	NYSE	OXY	\$89.28	\$90.75
QEP Energy Co.	NYSE	QEP	\$29.47	\$28.51
Resolute (Resolute Energy Corp.)	NYSE	REN	\$8.38	\$7.92
Samson Resources Co. (KKR & Co.)	NYSE	KKR	\$19.71	\$19.36
SM Energy Co.	NYSE	SM	\$64.18	\$61.82
Statoil Oil and Gas LP	NYSE	STO	\$21.03	\$20.72
Sundance Energy, Inc.	SEA	ASX	\$0.97	\$0.85
Triangle USA Petroleum Corp.	NYSE	TPLM	\$7.15	\$6.97
Whiting Oil and Gas Corp.	NYSE	WLL	\$48.58	\$47.78
WPX Energy, Inc.	NYSE	WPX	\$19.51	\$18.83
XTO Energy, Inc. (ExxonMobil)	NYSE	XOM	\$92.82	\$90.64

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North Dakota well operator transfers

June 15 — July 5, 2013

LEGEND

Date of well operator transfer

Well(s) transferred from

Well(s) transferred to

NDIC well file number — well name — well type — geological target — field —

IP (initial production) test date — IP oil rate in barrels — location — county

July 2, 2013

From: G3 Operating, LLC (part of GeoResources Inc., which is part of Halcon Resources Corp.)

To: HRC Operating, LLC (part of Halcon Resources Corp.)

#01431 - Oscar Fossum 1-R; vertical; Madison; Wayne; 5/27/1957; 137 bbl; NENE 31-162N-81W; Bottineau Co.
 #01788 - Howard Nordmark 1; vertical; Spearfish/Madison; Roth; 4/24/1958; 78 bbl; SWSE 30-163N-78W; Bottineau Co.
 #01871 - H. and H. Nordmark 1; vertical; Spearfish/Madison; Roth; 6/11/1958; 125 bbl; NENE 31-163N-78W; Bottineau Co.
 #02114 - Lawrence Hanson 1; vertical; Spearfish/Madison; Roth; 12/27/1958; 320 bbl; SWNE 30-163N-78W; Bottineau Co.
 #02272 - Johnson O. and V. 1; vertical; Madison; Starbuck; 4/26/1959; 94 bbl; NESW 20-161N-78W; Bottineau Co.
 #02303 - Johnson-Lillegard 1; vertical; Madison; Starbuck; 5/21/1959; 96 bbl; SWNE 20-161N-78W; Bottineau Co.
 #02337 - Johnson O. and V. 2; vertical; Madison; Starbuck; 8/3/1959; 70 bbl; SWNW 20-161N-78W; Bottineau Co.
 #02424 - Lillegard-Johnson 1; vertical; Madison; Starbuck; 9/2/1959; 47 bbl; NENW 20-161N-78W; Bottineau Co.
 #02507 - Obert Linstad 1; vertical; Spearfish/Madison; Zion; 2/25/1960; 66 bbl; SESE 22-163N-79W; Bottineau Co.
 #02713 - Johnson V. and F. 1; vertical; Madison; Starbuck; 8/3/1960; 75 bbl; NESE 18-161N-78W; Bottineau Co.
 #02777 - SMU 14-17 RI; vertical; Madison; Starbuck; N/A; N/A; SWSW 17-161N-78W; Bottineau Co.
 #02902 - Howard Nordmark 3; vertical; Spearfish/Madison; Roth; 5/22/1961; 195 bbl; NWSE 30-163N-78W; Bottineau Co.
 #03034 - Oscar Fossum 2; vertical; Madison; Wayne; 11/29/1961; 69 bbl; SWNW 32-162N-81W; Bottineau Co.
 #03432 - Carroll Brandt 1; vertical; Madison; Starbuck; 10/7/1963; 82 bbl; SWNW 29-161N-78W; Bottineau Co.
 #03483 - Anton Anderson 1; vertical; Spearfish/Madison; Northeast Landa; 4/2/1964; 133 bbl; SESE 32-164N-78W; Bottineau Co.
 #03550 - Waddle-Olson 1; vertical; Madison; Starbuck; 6/7/1964; 140 bbl; NESW 29-161N-78W; Bottineau Co.
 #03606 - John Waddle 1-30; vertical; Madison; Starbuck; 10/9/1964; 40 bbl; NENE 30-161N-78W; Bottineau Co.
 #03627 - Anton A 1; vertical; Spearfish/Madison; Northeast Landa; 9/14/1964; 44 bbl; NENE 5-163N-78W; Bottineau Co.
 #03743 - W and M Peterson 1; vertical; Madison; Sherman; 8/27/1981; 25 bbl; NESW 25-162N-82W; Bottineau Co.
 #04109 - Haakenstad A 1; vertical; Spearfish/Madison; Northeast Landa; 8/1/1966; 28 bbl; SENE 5-163N-78W; Bottineau Co.
 #04138 - EF Issendorf 14-2; vertical; Madison; Starbuck; N/A; N/A; SESW 2-160N-79W; Bottineau Co.
 #04169 - Thorenson-Hunskor 2; vertical; Madison; Southwest Starbuck; 11/5/1966; 15 bbl; SWNE 11-160N-79W; Bottineau Co.
 #04234 - Ivan and Albert Christenson 1; vertical; Madison; Starbuck; 6/24/1967; 45 bbl; SWSW 32-161N-78W; Bottineau Co.
 #04273 - SSMU F-102; vertical; Madison; South Starbuck; 5/9/1970; 14 bbl; SWSW 35-161N-78W; Bottineau Co.
 #04632 - Grann 1-28R; vertical; Madison; Landa; 9/1/1994; 37 bbl; SENE 28-163N-79W; Bottineau Co.
 #05171 - Elof G. Pearson 1; vertical; Madison; Southwest Haas; 6/29/1972; 77 bbl; SENE 32-163N-83W; Bottineau Co.
 #05327 - Walter G. Nelson 1; vertical; Madison; Southwest Haas; 11/30/1973; 85 bbl; NWSE 32-163N-83W; Bottineau Co.
 #05409 - Walter G. Nelson 2; vertical; Madison; Southwest Haas; 3/24/1975; 28 bbl; SESW 32-163N-83W; Bottineau Co.
 #05420 - Ivan and Albert Christenson 2; vertical; Madison; Starbuck; 9/19/1974; 11 bbl; NESW 32-161N-78W; Bottineau Co.
 #05670 - SSMU C-103S; vertical; Dakota; South Starbuck; 11/23/1999; 0 bbl; NENW 5-160N-78W; Bottineau Co.
 #05697 - Howard Nordmark 2 SWD; vertical; Spearfish/Madison; Roth; 11/3/1976; 4 bbl; S2SE 30-163N-78W; Bottineau Co.
 #05787 - Christenson 1-X; vertical; Madison; Starbuck; 6/18/1976; 38 bbl; NENW 1-160N-79W; Bottineau Co.
 #05791 - Engstrom 2; vertical; Madison; North Haas; 12/24/1988; 62 bbl; SESE 19-163N-82W; Bottineau Co.
 #05812 - Grann 2-28; vertical; Madison; Landa; 9/1/1976; 50 bbl; NWNE 28-163N-79W; Bottineau Co.
 #05815 - Rice 23-12; vertical; Spearfish/Madison; Zion; 8/16/1976; 25 bbl; NWSW 23-163N-79W; Bottineau Co.
 #05988 - Ballantyne-STATE 1; vertical; Madison; Wayne; 12/16/1976; 45 bbl; SWNE 25-162N-82W; Bottineau Co.
 #06033 - SSMU E-102; vertical; Madison; South Starbuck; 1/22/1977; 25 bbl; SESE 34-161N-78W; Bottineau Co.
 #06180 - Brandt 1; vertical; Madison; Starbuck; 8/19/1977; 10 bbl; SWNW 32-161N-78W; Bottineau Co.
 #06313 - Gravseth 1; vertical; Spearfish/Madison; Northeast Landa; 11/12/1977; 26 bbl; NESE 36-164N-79W; Bottineau Co.
 #06326 - Rice 1 SWD; vertical; Spearfish/Madison; Zion; 11/9/1977; 13 bbl; NWNW 26-163N-79W; Bottineau Co.
 #06347 - Rice 2; vertical; Spearfish/Madison; Zion; 11/16/1977; 10 bbl; SENW 26-163N-79W; Bottineau Co.
 #06466 - Mott 32X-3; vertical; Cambro/Ordovician; Newporte; 5/22/1978; 168 bbl; SWNE 3-163N-87W; Renville Co.
 #06467 - Erickson F 1; vertical; Spearfish/Madison; Northeast Landa; 5/18/1978; 22 bbl; NWSE 5-163N-78W; Bottineau Co.
 #06481 - William Steinhaus 1; vertical; Madison; Wayne; 6/10/1978; 7 bbl; SENW 30-162N-81W; Bottineau Co.
 #06644 - Oscar Fossum 1; vertical; Madison; Wayne; 8/4/1978; 8 bbl; SENE 31-162N-81W; Bottineau Co.
 #06787 - Oscar Fossum 3; vertical; Madison; Wayne; 1/22/1979; 43 bbl; NWNE 31-162N-81W; Bottineau Co.
 #06857 - Oscar Fossum 2A; vertical; Madison; Wayne; 8/2/1979; 110 bbl; NWNW 32-162N-81W; Bottineau Co.
 #07800 - Erickson F 2; vertical; Spearfish/Madison; Northeast Landa; 9/28/1980; 30 bbl; SWNE 5-163N-78W; Bottineau Co.
 #08029 - Romsos 1-21; vertical; Madison; Starbuck; 5/23/1981; 21 bbl; SWNW 21-161N-78W; Bottineau Co.
 #08135 - Stella Rice 1-27; vertical; Madison; Landa; 5/7/1981; 20 bbl; SWNW 27-163N-79W; Bottineau Co.
 #08452 - John Waddle 1-29; vertical; Madison; Starbuck; N/A; N/A; NENW 29-161N-78W; Bottineau Co.
 #08504 - WM. Rusch 1-A; vertical; Madison; Sherwood; 2/24/1961; 101 bbl; SENW 3-163N-85W; Renville Co.
 #08679 - W. and M. Peterson 2; vertical; Madison; Sherman; 6/25/1981; 150 bbl; SWSW 25-162N-82W; Bottineau Co.
 #08685 - Hanson ET AL 1; vertical; Madison; Landa; 7/6/2002; 7 bbl; SWNE 33-163N-79W; Bottineau Co.
 #08800 - Witteman 1; vertical; Madison; Sherman; 8/26/1981; 22 bbl; SESE 26-162N-82W; Bottineau Co.
 #08945 - Hovde 1-6; vertical; Stonewall; Spring Creek; 5/31/1982; 380 bbl; NENE 6-150N-100W; McKenzie Co.
 #09056 - Ogre 1-24; vertical; Winnipeg; Taylor; 1/5/1982; 120 bbl; SENW 24-139N-93W; Stark Co.
 #09300 - Bertinuso 1-30; vertical; Red River; Patent Gate; 7/29/1982; 357 bbl; NWSE 30-151N-100W; McKenzie Co.
 #09302 - Waddle 7-29; vertical; Madison; Starbuck; 12/16/1981; 15 bbl; SWNE 29-161N-78W; Bottineau Co.
 #09833 - Oscar Fossum 4; vertical; Madison; Wayne; 12/22/1982; 82 bbl; SWNE 31-162N-81W; Bottineau Co.
 #09834 - Dagmar Fossum 1; vertical; Madison; Wayne; 12/19/1982; 165 bbl; NESE 31-162N-81W; Bottineau Co.
 #09961 - Oscar Fossum 5; vertical; Madison; Wayne; 2/10/1983; 67 bbl; SENW 32-162N-81W; Bottineau Co.
 #10092 - Tonneson 1; vertical; Madison; Starbuck; 11/25/1983; 18 bbl; SWSE 32-161N-78W; Bottineau Co.
 #10377 - Oscar Fossum 6; vertical; Madison; Wayne; 10/25/1983; 61 bbl; NENW 32-162N-81W; Bottineau Co.
 #10443 - Sveen 2; vertical; Spearfish; North Roth; 12/26/1983; 2 bbl; SESW 18-163N-78W; Bottineau Co.
 #10552 - Harold Lindstrom 1-R; vertical; Spearfish/Madison; Northeast Landa; 12/19/1983; 21 bbl; SESW 33-164N-78W; Bottineau Co.
 #10825 - Watne 1; vertical; Madison; Wake; 11/22/1984; 55 bbl; SESW 29-159N-80W; McHenry Co.
 #11243 - Oscar Fossum 7; vertical; Madison; Wayne; 12/7/1984; 106 bbl; SWNW 32-162N-81W; Bottineau Co.
 #11244 - William Steinhaus 2; vertical; Madison; Wayne; 4/29/1985; 117 bbl; SWNW 30-162N-81W; Bottineau Co.
 #11245 - Ballantyne-State 3; vertical; Madison; Wayne; 11/17/1984; 103 bbl; SENE 25-162N-82W; Bottineau Co.
 #11250 - Welstad 1; vertical; Madison; Wake; 2/2/1985; 130 bbl; SENE 32-159N-80W; McHenry Co.
 #11376 - Welstad 2; vertical; Madison; Wake; 5/22/1985; 63 bbl; NWNE 32-159N-80W; McHenry Co.
 #11377 - Watne 2; vertical; Madison; Wake; 5/28/1985; 65 bbl; NWSW 29-159N-80W; McHenry Co.
 #11414 - Ehлке 1; vertical; Madison; Wake; 5/3/1985; 20 bbl; NWSW 33-159N-80W; McHenry Co.
 #11415 - Kitzman 1; vertical; Dakota; Wake; N/A; N/A; SWNW 33-159N-80W; McHenry Co.
 #11574 - USA Johnson 1-19; vertical; Madison; Starbuck; 7/16/1985; 30 bbl; SWSE 19-161N-78W; Bottineau Co.
 #11627 - Tolstad 31-34; vertical; Dakota; Northeast Landa; N/A; N/A; NWNE 34-164N-79W; Bottineau Co.
 #11699 - Watne 3; vertical; Madison; Wake; 9/22/1985; 15 bbl; SWSE 29-159N-80W; McHenry Co.
 #11804 - Anderson ET AL 1-24; vertical; Spearfish/Madison; Leonard; 10/29/1985; 66 bbl; NWSE 24-163N-79W; Bottineau Co.
 #11889 - Anderson ET AL 2-24; vertical; Spearfish/Madison; Leonard; 7/9/1986; 1 bbl; SWSE 24-163N-79W; Bottineau

Co.

#11976 - Juve 1; vertical; Spearfish/Madison; Leonard; 7/10/1986; 40 bbl; SENE 24-163N-79W; Bottineau Co.
 #11977 - Juve 2; vertical; Spearfish/Madison; Leonard; 7/10/1986; 138 bbl; SWNE 24-163N-79W; Bottineau Co.
 #12232 - Engstrom 1-R; vertical; Madison; North Haas; 10/13/1987; 118 bbl; SWSE 19-163N-82W; Bottineau Co.
 #12300 - Hultgren 1; vertical; Spearfish/Madison; Leonard; 10/12/1989; 73 bbl; NESW 24-163N-79W; Bottineau Co.
 #12723 - Stella Rice 2-27; vertical; Madison; Landa; 10/3/1989; 32 bbl; SENW 27-163N-79W; Bottineau Co.
 #12783 - Billehus 43-4 1; vertical; Spearfish/Madison; Northeast Landa; 1/19/1990; 18 bbl; NESE 4-163N-78W; Bottineau Co.
 #12924 - Peoc 31-16H; horizontal; Bakken; Flat Top Butte; 9/1/1990; 180 bbl; NWNE 16-146N-101W; McKenzie Co.
 #13067 - Anderson 31-25 1; vertical; Spearfish/Madison; Leonard; 12/21/1990; 82 bbl; NWNE 25-163N-79W; Bottineau Co.
 #13183 - Hanson-STATE 1; vertical; Madison; Landa; 6/2/1991; 41 bbl; NENE 33-163N-79W; Bottineau Co.
 #13199 - Anderson 42-25 2; vertical; Spearfish/Madison; Leonard; 6/30/1991; 28 bbl; SENE 25-163N-79W; Bottineau Co.
 #13265 - Hultgren 2; vertical; Spearfish/Madison; Leonard; 12/21/1991; 18 bbl; NWSW 24-163N-79W; Bottineau Co.
 #13266 - Stella Rice 3-27; vertical; Madison; Landa; 11/29/1991; 43 bbl; NWNW 27-163N-79W; Bottineau Co.
 #13424 - Beckedahl 2-34; vertical; Madison; Sherwood; 10/3/1992; 6 bbl; SWSE 34-164N-85W; Renville Co.
 #13575 - Issendorf 1-21; vertical; Spearfish/Madison; Russell; 9/20/1993; 50 bbl; NENE 21-160N-79W; Bottineau Co.
 #13577 - Grann-County 1; vertical; Madison; Landa; 12/6/1993; 70 bbl; SESE 28-163N-79W; Bottineau Co.
 #13621 - State 16-16; vertical; Spearfish/Madison; Russell; 11/25/1993; 30 bbl; SESE 16-160N-79W; Bottineau Co.
 #13685 - Rice 3; vertical; Spearfish/Madison; Zion; 9/21/1994; 49 bbl; NENW 26-163N-79W; Bottineau Co.
 #13759 - Oscar Fossum H1; horizontal; Madison; Wayne; 3/2/1995; 390 bbl; NWNW 32-162N-81W; Bottineau Co.
 #13895 - Oscar Fossum H2; horizontal; Madison; Wayne; 12/2/1995; 391 bbl; NENW 32-162N-81W; Bottineau Co.
 #14488 - Oscar Fossum H3; horizontal; Madison; Wayne; 12/19/1996; 539 bbl; NENW 32-162N-81W; Bottineau Co.
 #14631 - Ballantyne-State/Steinhaus H1; horizontal; Madison; Wayne; 8/20/1997; 277 bbl; SWNE 25-162N-82W; Bottineau Co.
 #14694 - Oscar Fossum H4; horizontal; Madison; Wayne; 2/13/1998; 279 bbl; SWNE 31-162N-81W; Bottineau Co.
 #14785 - Osterberg 4-15; vertical; Madison; Little Deep Creek; 12/13/1997; 7 bbl; NWNW 15-161N-85W; Renville Co.
 #14896 - SSMU B-101I; vertical; Madison; South Starbuck; N/A; N/A; NWSW 34-161N-78W; Bottineau Co.
 #15193 - Fredlund 16-6H; horizontal; Spearfish/Madison; Souris; 2/12/2002; 31 bbl; SESE 6-163N-77W; Bottineau Co.
 #15194 - Kornkven 8-10H; horizontal; Spearfish; Wildcat; N/A; N/A; SENE 10-163N-77W; Bottineau Co.
 #15210 - SSMU E-101X; vertical; Madison; South Starbuck; 2/14/2002; 2 bbl; NESE 34-161N-78W; Bottineau Co.
 #15211 - SSMU C-101X; vertical; Madison; South Starbuck; 5/22/2003; 3 bbl; NESW 34-161N-78W; Bottineau Co.
 #15212 - SSMU E-103X; vertical; Madison; South Starbuck; 3/2/2002; 8 bbl; NENE 5-160N-78W; Bottineau Co.
 #15441 - Anderson 41-25 3; vertical; Spearfish/Madison; Leonard; 1/26/2006; 88 bbl; NENE 25-163N-79W; Bottineau Co.
 #15442 - Anderson ET AL 3-24; vertical; Spearfish/Madison; Leonard; 11/19/2003; 4 bbl; NESE 24-163N-79W; Bottineau Co.
 #15554 - Grann ET AL 28-33; vertical; Spearfish/Madison; Landa; 6/25/2004; 15 bbl; NWSE 28-163N-79W; Bottineau Co.
 #16282 - V&F Johnson-FCB 1-18; vertical; Madison; Starbuck; N/A; N/A; SWSE 18-161N-78W; Bottineau Co.
 #16419 - Donald Boll 1-34; vertical; Madison; Thrums; 6/17/2007; 33 bbl; NENE 34-161N-78W; Bottineau Co.
 #16462 - SSMU B-102I; vertical; Madison; South Starbuck; 8/17/2007; 2 bbl; SWSW 34-161N-78W; Bottineau Co.
 #16863 - Ballantyne-State/Steinhaus H2; horizontal; Madison; Wayne; 6/22/2008; 68 bbl; SWNE 25-162N-82W; Bottineau Co.
 #16864 - Oscar Fossum H5; horizontal; Madison; Wayne; 5/10/2008; 198 bbl; SENW 32-162N-81W; Bottineau Co.
 #16894 - SMU 44-32 I; vertical; Madison; Starbuck; N/A; N/A; SESE 32-161N-78W; Bottineau Co.
 #16895 - SMU 11-32 I; vertical; Madison; Starbuck; N/A; N/A; NWNW 32-161N-78W; Bottineau Co.
 #16897 - SMU 14-21 I; vertical; Madison; Starbuck; N/A; N/A; SWSW 21-161N-78W; Bottineau Co.
 #17569 - Kjelshus 5-3; vertical; Spearfish/Madison; Souris; N/A; N/A; SWNW 3-163N-78W; Bottineau Co.
 #17616 - SMU 5-2 I; vertical; Madison; Starbuck; N/A; N/A; SWNW 2-160N-79W; Bottineau Co.
 #17655 - NE Landa 6-5 I; vertical; Spearfish/Madison; Northeast Landa; 7/16/2009; 36 bbl; SENW 5-163N-78W; Bottineau Co.
 #17672 - SMU 4-2 I; vertical; Madison; Starbuck; N/A; N/A; NWNW 2-160N-79W; Bottineau Co.
 #17731 - Cissendorf 6-11; vertical; Madison; Southwest Starbuck; N/A; N/A; SENE 11-160N-79W; Bottineau Co.
 #17878 - EF Issendorf 11-2; vertical; Madison; Starbuck; N/A; N/A; SESW 2-160N-79W; Bottineau Co.
 #18094 - Fort Berthold 148-94-17D-08-1H; horizontal; Bakken; Eagle Nest; 2/12/2010; 1,323 bbl; SESE 17-148N-94W; Dunn Co.
 #18126 - Fort Berthold 152-93-17C-08-1H; horizontal; Bakken; Four Bears; 4/7/2010; 1,001 bbl; SESW 17-152N-93W; McKenzie Co.
 #18206 - Fort Berthold 147-94-2A-11-1H; horizontal; Bakken; Gregory Buttes; 1/27/2011; 228 bbl; NWNE 2-147N-94W; Dunn Co.
 #18313 - Fort Berthold 148-94-35D-26-1H; horizontal; Bakken; Gregory Buttes; 1/15/2011; 1,052 bbl; SWSE 35-148N-94W; Dunn Co.
 #18332 - Fort Berthold 148-94-25A-36-1H; horizontal; Bakken; Gregory Buttes; 7/1/2010; 823 bbl; NWNE 25-148N-94W; Dunn Co.
 #18335 - Fort Berthold 148-94-22A-27-1H; horizontal; Bakken; Gregory Buttes; 6/18/2010; 806 bbl; NWNE 22-148N-94W; Dunn Co.
 #18341 - Fort Berthold 147-94-1A-12-1H; horizontal; Bakken; Gregory Buttes; 10/26/2011; 567 bbl; NWNE 1-147N-94W; Dunn Co.
 #18367 - Fort Berthold 148-94-9D-04-1H; horizontal; Bakken; Eagle Nest; 7/15/2010; 933 bbl; SESE 9-148N-94W; Dunn Co.
 #18402 - Fort Berthold 152-94-22D-15-1H; horizontal; Sanish; Antelope; 2/21/2011; 641 bbl; SESE 22-152N-94W; McKenzie Co.
 #18426 - Fort Berthold 152-94-14C-11-1H; horizontal; Sanish; Antelope; 5/26/2011; 909 bbl; SWSW 14-152N-94W; McKenzie Co.
 #18446 - Fort Berthold 152-93-18B-19-1H; horizontal; Bakken; Four Bears; 9/15/2012; 118 bbl; NENW 18-152N-93W; McKenzie Co.
 #18458 - Fort Berthold 147-94-3A-10-1H; horizontal; Bakken; Gregory Buttes; 12/28/2010; 680 bbl; NENE 3-147N-94W; Dunn Co.
 #18905 - Fort Berthold 152-94-13B-24-1H; horizontal; Sanish; Antelope; 3/8/2011; 904 bbl; NWNW 13-152N-94W; McKenzie Co.
 #18968 - Fort Berthold 148-95-22D-15-1H; horizontal; Bakken; Eagle Nest; 9/28/2012; 875 bbl; NWNE 27-148N-95W; Dunn Co.
 #18969 - Fort Berthold 148-95-27A-34-1H; horizontal; Bakken; Eagle Nest; 9/27/2012; 802 bbl; NWNE 27-148N-95W; Dunn Co.
 #19038 - Forseth 157-100-25B-36-1H; horizontal; Bakken; Marmon; 9/21/2010; 440 bbl; NENW 25-157N-100W; Williams Co.
 #19048 - Borrud 156-101-11D-2-1H; horizontal; Bakken; Tyrone; 8/24/2011; 705 bbl; SESE 11-156N-101W; Williams Co.
 #19103 - Njos 157-100-28A-33-1H; horizontal; Bakken; Marmon; 9/30/2010; 382 bbl; NENE 28-157N-100W; Williams Co.
 #19169 - Carlson 1-11H; horizontal; Bakken; Strandahl; 12/11/2010; 685 bbl; NWNW 11-157N-103W; Williams Co.
 #19252 - Anderson 1-24-13H; horizontal; Bakken; Strandahl; 4/12/2011; 561 bbl; SESE 24-157N-102W; Williams Co.
 #19306 - Siirtola 1-28-33H; horizontal; Bakken; Wildcat; 3/18/2011; 840 bbl; NWNW 28-157N-102W; Williams Co.
 #19547 - State 157-100-21C-16-1H; horizontal; Bakken; Marmon; 8/16/2011; 207 bbl; SWSW 21-157N-100W; Williams Co.
 #19598 - Opsal 158-99-26A-35-1H; horizontal; Bakken; Wildcat; 10/19/2012; 537 bbl; NENE 26-158N-99W; Williams Co.
 #19646 - Storhaug 157-100-2A-11-1H; horizontal; Bakken; Dublin; 8/1/2011; 482 bbl; NWNE 2-157N-100W; Williams Co.
 #19670 - Monson Trust 157-101-26A-35-1H; horizontal; Bakken; Otter; 10/14/2011; 387 bbl; NENE 26-157N-101W; Williams Co.
 #19777 - Erikson 157-101-13B-24-1H; horizontal; Bakken; Otter; 9/20/2011; 343 bbl; NWNW 13-157N-101W; Williams Co.
 #19950 - Grev 157-100-31D-30-1H; horizontal; Bakken; Marmon; 7/3/2012; 221 bbl; SESE 31-157N-100W; Williams Co.
 #19976 - Fort Berthold 148-94-29B-32-1H; horizontal; Bakken; Eagle Nest; 9/5/2012; 1,047 bbl; SWSW 20-148N-94W; Dunn Co.
 #20063 - State 157-100-32C-29-1H; on confidential status; N/A; Marmon; N/A; N/A; SWSW 32-157N-100W; Williams Co.
 #20065 - Rossland 157-101-14B-23-1H; horizontal; Bakken; Otter; 5/16/2012; 475 bbl; NWNW 14-157N-101W;



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ND WELL TRANSFERS

Williams Co.

#20086 - Fort Berthold 150-94-3B-10-1H; horizontal; Bakken; Spotted Horn; 1/25/2012; 1,266 bbl; LOT 4 3-150N-94W; McKenzie Co.
 #20088 - Fort Berthold 151-94-34C-27-1H; horizontal; Sanish; Antelope; 1/18/2012; 1,390 bbl; LOT 4 3-150N-94W; McKenzie Co.
 #20172 - Fort Berthold 148-95-23D-14-1H; horizontal; Bakken; Eagle Nest; 6/15/2012; 1,260 bbl; SESE 23-148N-95W; Dunn Co.
 #20173 - Fort Berthold 148-95-26A-35-1H; horizontal; Bakken; Eagle Nest; 6/20/2012; 836 bbl; SESE 23-148N-95W; Dunn Co.
 #20252 - Fort Berthold 148-94-19D-18-1H; horizontal; Bakken; Eagle Nest; 6/24/2012; 1,078 bbl; SESE 19-148N-94W; Dunn Co.
 #20253 - Fort Berthold 148-94-30A-31-1H; horizontal; Bakken; Eagle Nest; 6/21/2012; 1,280 bbl; SESE 19-148N-94W; Dunn Co.
 #20269 - Fort Berthold 152-93-17C-08-2H; horizontal; Bakken; Four Bears; 6/18/2011; 574 bbl; SWSW 17-152N-93W; McKenzie Co.
 #20328 - Fort Berthold 151-94-26B-35-1H; horizontal; Sanish; Antelope; 3/13/2012; 1,647 bbl; NENW 26-151N-94W; McKenzie Co.
 #20458 - Fort Berthold 152-93-17C-08-3H; horizontal; Bakken; Four Bears; 1/28/2013; 555 bbl; SESW 17-152N-93W; McKenzie Co.
 #20534 - Poeckes 1-32-29H; horizontal; Bakken; Little Muddy; 11/23/2011; 439 bbl; LOT4 5-157N-101W; Williams Co.
 #20535 - Peterson Trust 1-5-8H; horizontal; Bakken; Good Luck; 11/26/2011; 698 bbl; LOT4 5-157N-101W; Williams Co.
 #20552 - Muller 1-21-16H; horizontal; Bakken; Climax; 7/17/2011; 682 bbl; SWSW 21-158N-103W; Williams Co.
 #20553 - Rasmussen 1-25-36H; horizontal; Bakken; Strandahl; 10/14/2011; 506 bbl; NENE 25-157N-103W; Williams Co.
 #20567 - Fort Berthold 152-94-22D-15-2H; horizontal; Sanish; Antelope; 9/9/2011; 530 bbl; SESE 22-152N-94W; McKenzie Co.
 #20614 - White 157-100-17B-20-1H; horizontal; Bakken; Marmon; 8/29/2011; 411 bbl; NWNW 17-157N-100W; Williams Co.
 #20707 - Pasternak 1-1-12H; horizontal; Bakken; Strandahl; 3/1/2012; 363 bbl; LOT2 1-157N-103W; Williams Co.
 #20723 - Hokanson 158-99-32D-29-1H; horizontal; Bakken; Wildcat; 11/28/2011; 279 bbl; SWSE 32-158N-99W; Williams Co.
 #20794 - State 158-99-25A-36-1H; horizontal; Bakken; Wildcat; 1/5/2012; 226 bbl; NWNE 25-158N-99W; Williams Co.
 #20825 - Williams and Larson Trust 157-100-8D-5-1H; horizontal; 12/27/2012; 50 bbl; SESE 8-157N-100W; Williams Co.
 #20844 - Rasmussen 1-21-16H; horizontal; Bakken; Strandahl; 9/30/2011; 816 bbl; SESW 21-157N-102W; Williams Co.
 #20866 - Fort Berthold 148-95-23D-14-2H; horizontal; Bakken; Eagle Nest; N/A; N/A; SESE 23-148N-95W; Dunn Co.
 #20871 - Fort Berthold 148-94-9D-04-2H; horizontal; Bakken; Eagle Nest; 7/21/2012; 239 bbl; SESE 9-148N-94W; Dunn Co.
 #20879 - Fort Berthold 147-94-1A-12-2H; horizontal; Bakken; Gregory Buttes; N/A; N/A; NENE 1-147N-94W; Dunn Co.
 #20880 - Fort Berthold 148-94-36D-25-2H; horizontal; Bakken; Gregory Buttes; 2/17/2013; 814 bbl; NENE 1-147N-94W; Dunn Co.
 #20915 - Fort Berthold 150-94-3B-10-2H; on confidential status; N/A; Spotted Horn; N/A; N/A; LOT4 3-150N-94W; McKenzie Co.
 #20916 - Fort Berthold 151-94-34C-27-2H; on confidential status; N/A; Antelope; N/A; N/A; LOT4 3-150N-94W; McKenzie Co.
 #20918 - Fort Berthold 148-95-24C-13-1H; horizontal; Bakken; Eagle Nest; 10/6/2012; 607 bbl; SWSW 24-148N-95W; Dunn Co.
 #20919 - Fort Berthold 148-95-25B-36-1H; horizontal; Bakken; Eagle Nest; 10/6/2012; 1,547 bbl; SWSW 24-148N-95W; Dunn Co.
 #20953 - Johnson Family Trust 157-100-4A-9-1H; horizontal; Bakken; Marmon; 2/3/2012; 343 bbl; LOT2 4-157N-100W; Williams Co.
 #20989 - Pasternak Trust 157-100-18A-19-1H; horizontal; Bakken; Marmon; 5/4/2012; 534 bbl; NWNE 18-157N-100W; Williams Co.
 #20990 - Berg 157-100-7D-6-1H; horizontal; Bakken; Marmon; 5/7/2012; 209 bbl; NENE 18-157N-100W; Williams Co.
 #20992 - Sylte Mineral Trust 157-101-25B-36-1H; horizontal; Bakken; Otter; 2/17/2012; 490 bbl; NENW 25-157N-101W; Williams Co.
 #21040 - Helstad 158-99-34D-27-1H; horizontal; Bakken; Wildcat; 12/11/2011; 353 bbl; SESE 34-158N-99W; Williams Co.
 #21043 - Pankake 157-99-6A-7-1H; horizontal; Bakken; Wildcat; 12/12/2011; 554 bbl; LOT2 6-157N-99W; Williams Co.
 #21066 - Fort Berthold 148-94-17D-08-2H; horizontal; Bakken; Eagle Nest; 1/10/2012; 1,347 bbl; SESE 17-148N-94W; Dunn Co.
 #21079 - Fort Berthold 148-94-19D-18-2H; horizontal; Bakken; Eagle Nest; 6/25/2012; 1,218 bbl; SESE 19-148N-94W; Dunn Co.
 #21080 - Fort Berthold 148-94-30A-31-2H; horizontal; Bakken; Eagle Nest; 6/21/2012; 958 bbl; SESE 19-148N-94W; Dunn Co.
 #21083 - Doris 1-28-33H; horizontal; Bakken; Climax; 1/7/2012; 413 bbl; NENW 28-158N-102W; Williams Co.
 #21161 - Ostad 157-100-2D-1-1; vertical; Madison; Dublin; N/A; N/A; NESE 2-157N-100W; WILLIAMS Co.
 #21185 - State 1-36-25H; horizontal; Bakken; Climax; 1/13/2012; 250 bbl; SWSW 36-158N-103W; Williams Co.
 #21207 - Stromme Family Trust 157-101-11C-2-1H; horizontal; Bakken; Otter; 5/25/2012; 182 bbl; NENW 14-157N-101W; Williams Co.
 #21238 - Helstad 158-99-28B-33-1H; horizontal; Bakken; Ellisville; 5/4/2012; 429 bbl; NENW 28-158N-99W; Williams Co.
 #21326 - Swenson 157-100-1C-2-1; vertical; Madison; Dublin; N/A; N/A; NWSW 1-157N-100W; Williams Co.
 #21420 - Hokanson 157-99-1A-12-1H; horizontal; Bakken; Lone Tree Lake; 9/7/2012; 344 bbl; LOT2 1-157N-99W; Williams Co.
 #21550 - Seven 1-4-9H; horizontal; Bakken; Strandahl; 1/19/2012; 378 bbl; NWNE 4-157N-103W; Williams Co.
 #21568 - Smith 157-100-3D-1-1; vertical; Red River; Wildcat; N/A; N/A; NESE 3-157N-100W; Williams Co.
 #21610 - Arnsen 1-5-8H; horizontal; Bakken; Strandahl; 3/3/2012; 389 bbl; LOT2 5-157N-103W; Williams Co.
 #21652 - Fort Berthold 152-93-18B-19-2H; horizontal; Bakken; Four Bears; 9/14/2012; 237 bbl; NENW 18-152N-93W; McKenzie Co.
 #21653 - Fort Berthold 152-93-18B-19-3H; horizontal; Bakken; Four Bears; 9/15/2012; 502 bbl; NENW 18-152N-93W; McKenzie Co.
 #21672 - Vig 157-99-10D-3-1H; horizontal; Bakken; Lone Tree Lake; 4/12/2012; 336 bbl; SWSE 10-157N-99W; Williams Co.
 #21703 - Miller 157-101-12C-1-1H; horizontal; Bakken; Otter; 2/28/2012; 2,112 bbl; NENW 13-157N-101W; Williams Co.
 #21719 - Hought 1-1-12H; horizontal; Bakken; Strandahl; N/A; N/A; LOT2 1-157N-102W; Williams Co.
 #21800 - Fort Berthold 152-93-9C-10-1H; horizontal; Bakken; Four Bears; 11/21/2012; 1,584 bbl; SESE 8-152N-93W; McKenzie Co.
 #21801 - Fort Berthold 152-93-9C-10-2H; horizontal; Bakken; Four Bears; 11/23/2012; 1,206 bbl; SWSW 9-152N-93W; McKenzie Co.
 #21802 - Fort Berthold 152-93-9C-10-3H; horizontal; Bakken; Four Bears; 11/26/2012; 741 bbl; SWSW 9-152N-93W; McKenzie Co.
 #21803 - Fort Berthold 152-93-9C-10-4H; on confidential status; N/A; Four Bears; N/A; N/A; LOT7 9-152N-93W; McKenzie Co.
 #21805 - Fort Berthold 152-93-9C-10-5H; on confidential status; N/A; Four Bears; N/A; N/A; LOT7 9-152N-93W; McKenzie Co.
 #21807 - Fort Berthold 152-93-9C-10-6H; on confidential status; N/A; Four Bears; N/A; N/A; LOT7 9-152N-93W; McKenzie Co.
 #21870 - Agribank 157-101-34C-27-1H; horizontal; Bakken; Otter; 4/25/2012; 420 bbl; NENW 6-156N-101W; Williams Co.
 #21900 - Fort Berthold 147-94-2A-11-2H; horizontal; Bakken; Gregory Buttes; 10/23/2012; 708 bbl; NENE 2-147N-94W; Dunn Co.
 #21901 - Fort Berthold 148-94-35D-26-2H; horizontal; Bakken; Gregory Buttes; 10/14/2012; 639 bbl; SESE 35-148N-94W; Dunn Co.
 #21939 - Pasternak 1-32-29H; horizontal; Bakken; Climax; 3/24/2012; 370 bbl; NWNE 5-157N-102W; Williams Co.
 #21940 - Pasternak 1-5-8H; horizontal; Bakken; Strandahl; 3/26/2012; 458 bbl; NWNE 5-157N-102W; Williams Co.
 #21963 - Fort Berthold 148-95-26A-35-2H; on confidential status; N/A; Eagle Nest; N/A; N/A; SESE 23-148N-95W; Dunn Co.
 #22001 - Pasternak 1-4-9H; horizontal; Bakken; Strandahl; 7/6/2012; 600 bbl; NENW 4-157N-102W; Williams Co.
 #22054 - Boyds 1-29-32H; horizontal; Bakken; Strandahl; 9/17/2012; 535 bbl; NENW 29-157N-102W; Williams Co.
 #22090 - Fort Berthold 152-93-17C-08-4H; horizontal; Bakken; Four Bears; 1/27/2013; 1,085 bbl; SESW 17-152N-

93W; McKenzie Co.

#22128 - A & B 1-30-31H; horizontal; Bakken; Strandahl; 4/17/2012; 626 bbl; NENW 30-157N-102W; Williams Co.
 #22226 - Johnson 1-25-36H; horizontal; Bakken; Strandahl; 5/7/2012; 819 bbl; NWNE 25-157N-102W; Williams Co.
 #22298 - Fort Berthold 148-95-27A-34-2H; horizontal; Bakken; Eagle Nest; 10/10/2012; 1,095 bbl; NWNE 27-148N-95W; Dunn Co.
 #22299 - Fort Berthold 148-95-27A-34-3H; horizontal; Bakken; Eagle Nest; 10/16/2012; 615 bbl; NENE 27-148N-95W; Dunn Co.
 #22300 - Fort Berthold 148-95-22D-15-2H; on confidential status; N/A; Eagle Nest; N/A; N/A; NWNE 27-148N-95W; Dunn Co.
 #22301 - Fort Berthold 148-95-22D-15-3H; on confidential status; N/A; Eagle Nest; N/A; N/A; NENE 27-148N-95W; Dunn Co.
 #22309 - Thome 1-6-7H; horizontal; Bakken; Strandahl; 5/12/2012; 563 bbl; SESW 31-158N-102W; Williams Co.
 #22310 - Thome 1-31-30H; horizontal; Bakken; Climax; N/A; N/A; SESW 31-158N-102W; Williams Co.
 #22312 - Fort Berthold 148-94-28A-33-1H; horizontal; Bakken; Gregory Buttes; 11/19/2012; 452 bbl; NWNE 28-148N-94W; Dunn Co.
 #22313 - Fort Berthold 148-94-28A-33-2H; on confidential status; N/A; Gregory Buttes; N/A; N/A; NWNE 28-148N-94W; Dunn Co.
 #22447 - J. Rasmussen 1-26-35H; horizontal; Bakken; Strandahl; 12/6/2012; 973 bbl; NENW 26-157N-102W; Williams Co.
 #22448 - C. Rasmussen 1-23-14H; horizontal; Bakken; Strandahl; 12/4/2012; 650 bbl; NENW 26-157N-102W; Williams Co.
 #22456 - Hoff 157-100-1A-12-1H; horizontal; Bakken; Dublin; 12/14/2012; 247 bbl; LOT2 1-157N-100W; Williams Co.
 #22469 - Hought 1-6-7H; horizontal; Bakken; Good Luck; 7/13/2012; 540 bbl; SESW 31-158N-101W; Williams Co.
 #22470 - Hought 1-31-30H; horizontal; Bakken; Little Muddy; 7/12/2012; 327 bbl; SESW 31-158N-101W; Williams Co.
 #22503 - Fort Berthold 148-95-25B-36-2H; on confidential status; N/A; Eagle Nest; N/A; N/A; SWSW 24-148N-95W; Dunn Co.
 #22504 - Fort Berthold 148-95-24C-13-2H; on confidential status; N/A; Eagle Nest; N/A; N/A; SWSW 24-148N-95W; Dunn Co.
 #22506 - Rosslund 157-101-22C-15-1H; horizontal; Bakken; Otter; 5/23/2012; 509 bbl; SESW 22-157N-101W; Williams Co.
 #22518 - Quarne 1-27-34H; horizontal; Bakken; Strandahl; 10/1/2012; 567 bbl; NWNE 27-157N-102W; Williams Co.
 #22545 - J. Haugen 1-9-4H; horizontal; Bakken; Climax; 8/1/2012; 993 bbl; SWSE 9-158N-102W; Williams Co.
 #22560 - Fort Berthold 148-94-21A-20-1H; horizontal; Bakken; Eagle Nest; 2/13/2013; 846 bbl; SENE 21-148N-94W; Dunn Co.
 #22561 - Fort Berthold 148-94-21A-20-2H; horizontal; Bakken; Eagle Nest; 2/18/2013; 991 bbl; SENE 21-148N-94W; Dunn Co.
 #22562 - Fort Berthold 148-94-21A-20-3H; horizontal; Bakken; Eagle Nest; 2/15/2013; 822 bbl; SENE 21-148N-94W; Dunn Co.
 #22589 - King 157-101-3B-10-1H; horizontal; Bakken; Otter; 7/3/2012; 490 bbl; LOT3 3-157N-101W; Williams Co.
 #22672 - Pederson 1-18-19H; horizontal; Bakken; Little Muddy; 10/23/2012; 548 bbl; NWNE 18-158N-101W; Williams Co.
 #22707 - Fort Berthold 151-94-26B-35-3H; on confidential status; N/A; Antelope; N/A; N/A; NWNW 26-151N-94W; McKenzie Co.
 #22708 - Fort Berthold 151-94-26B-35-2H; on confidential status; N/A; Antelope; N/A; N/A; NWNW 26-151N-94W; McKenzie Co.
 #22822 - Berg 1-29-32H; horizontal; Bakken; Wildcat; 8/26/2012; 796 bbl; SWSE 20-157N-101W; Williams Co.
 #22823 - Berg 1-20-17H; horizontal; Bakken; Good Luck; 8/24/2012; 963 bbl; SWSE 20-157N-101W; Williams Co.
 #22826 - Helstad 157-99-2A-11-1H; horizontal; Bakken; Lone Tree Lake; 3/10/2013; 899 bbl; LOT1 2-157N-99W; Williams Co.
 #22878 - Fort Berthold 148-94-22B-27-5H; on confidential status; N/A; Gregory Buttes; N/A; N/A; NENW 22-148N-94W; Dunn Co.
 #22979 - Fort Berthold 148-94-9C-04-5H; on confidential status; N/A; Eagle Nest; N/A; N/A; SESW 9-148N-94W; Dunn Co.
 #22980 - Fort Berthold 148-94-9C-04-4H; on confidential status; N/A; Eagle Nest; N/A; N/A; SESW 9-148N-94W; Dunn Co.
 #22981 - Fort Berthold 148-94-9C-04-3H; on confidential status; N/A; Eagle Nest; N/A; N/A; SESW 9-148N-94W; Dunn Co.
 #22983 - Fort Berthold 148-94-29B-32-2H; horizontal; Bakken; Eagle Nest; 3/17/2013; 1,464 bbl; SWSW 20-148N-94W; Dunn Co.
 #23120 - Hought F.T. 1-22-15H; horizontal; Bakken; Strandahl; 9/29/2012; 512 bbl; NWNE 27-157N-102W; Williams Co.
 #23123 - Fort Berthold 148-94-19D-18-3H; on confidential status; N/A; Eagle Nest; N/A; N/A; SWSE 19-148N-94W; Dunn Co.
 #23124 - Fort Berthold 148-94-30A-31-3H; on confidential status; N/A; Eagle Nest; N/A; N/A; SWSE 19-148N-94W; Dunn Co.
 #23223 - Fort Berthold 148-94-22A-27-2H; horizontal; Bakken; Gregory Buttes; 3/3/2013; 1,210 bbl; NENE 22-148N-94W; Dunn Co.
 #23252 - Andre 1-34-27H; horizontal; Bakken; Climax; 11/20/2012; 373 bbl; SWSE 34-158N-102W; Williams Co.
 #23253 - Pasternak 1-3-10H; horizontal; Bakken; Strandahl; 10/31/2012; 417 bbl; SWSE 34-158N-102W; Williams Co.
 #23258 - Fort Berthold 147-94-3A-10-2H; on confidential status; N/A; Gregory Buttes; N/A; N/A; SESE 34-148N-94W; Dunn Co.
 #23382 - Fort Berthold 147-94-1B-12-3H; on confidential status; N/A; Gregory Buttes; N/A; N/A; NWNW 1-147N-94W; Dunn Co.
 #23383 - Fort Berthold 148-94-36C-25-3H; on confidential status; N/A; Gregory Buttes; N/A; N/A; NWNW 1-147N-94W; Dunn Co.
 #23505 - Fort Berthold 152-93-17D-08-7H; on confidential status; N/A; Four Bears; N/A; N/A; SESE 17-152N-93W; McKenzie Co.
 #23506 - Fort Berthold 152-93-17D-08-6H; on confidential status; N/A; Four Bears; N/A; N/A; SESE 17-152N-93W; McKenzie Co.
 #23507 - Fort Berthold 152-93-17D-08-5H; horizontal; Bakken; Four Bears; N/A; N/A; SESE 17-152N-93W; McKenzie Co.
 #23550 - Fort Berthold 152-94-14C-11-2H; horizontal; Sanish; Antelope; 1/3/2013; 965 bbl; SWSW 14-152N-94W; McKenzie Co.
 #23554 - Fort Berthold 152-94-14D-11-4H; on confidential status; N/A; Antelope; N/A; N/A; SESE 14-152N-94W; McKenzie Co.
 #23555 - Fort Berthold 152-94-14D-11-3H; on confidential status; N/A; Antelope; N/A; N/A; SESE 14-152N-94W; McKenzie Co.
 #23596 - Pasternak Federal 1-2-11H; horizontal; Bakken; Strandahl; N/A; N/A; LOT 3 2-157N-102W; Williams Co.
 #23597 - Berg 1-30-31H; horizontal; Bakken; Good Luck; 2/10/2013; 867 bbl; NENW 30-157N-101W; Williams Co.
 #23621 - Berg 1-19-18H; horizontal; Bakken; Good Luck; 2/1/2013; 674 bbl; NENW 30-157N-101W; Williams Co.
 #23706 - Miller 1-35-26H; horizontal; Bakken; Climax; 2/11/2013; 560 bbl; LOT3 2-157N-102W; Williams Co.
 #23722 - Hought 2-1-12H; horizontal; Bakken; Strandahl; 12/27/2012; 606 bbl; LOT3 1-157N-102W; Williams Co.
 #23723 - H State 1-36-25H; horizontal; Bakken; Climax; 12/26/2012; 331 bbl; LOT3 1-157N-102W; Williams Co.
 #24107 - G Larsen 1-15-22H; on confidential status; N/A; Strandahl; N/A; N/A; NENW 15-157N-103W; Williams Co.
 #24108 - G Larsen 1-14-23H; horizontal; Bakken; Strandahl; 4/5/2013; 432 bbl; NWNE 14-157N-103W; Williams Co.
 #24150 - Fort Berthold 148-94-27C-22-3H; on confidential status; N/A; Gregory Buttes; N/A; N/A; SWSW 27-148N-94W; Dunn Co.
 #24220 - Berg Trust Federal 1-26-35H; horizontal; Bakken; Pembroke; 3/12/2013; 2,078 bbl; NENW 26-149N-98W; McKenzie Co.
 #24231 - Glimm 1-13-24H; on confidential status; N/A; Climax; N/A; N/A; NWNE 13-158N-102W; Williams Co.
 #24238 - Hagen 1-12-1H; on confidential status; N/A; Climax; N/A; N/A; NWNE 13-158N-102W; Williams Co.
 #24248 - Oyen 1-11-2H; on confidential status; N/A; Climax; N/A; N/A; NENW 14-158N-102W; Williams Co.
 #24249 - Poeckes 1-14-23H; horizontal; Bakken; Climax; 4/18/2013; 441 bbl; NENW 14-158N-102W; Williams Co.
 #24253 - Fort Berthold 152-93-7D-6-4H; on confidential status; N/A; Four Bears; N/A; N/A; NWNE 18-152N-93W; McKenzie Co.
 #24254 - Fort Berthold 152-93-7D-6-3H; on confidential status; N/A; Four Bears; N/A; N/A; NWNE 18-152N-93W; McKenzie Co.
 #24255 - Fort Berthold 152-93-7D-6-2H; on confidential status; N/A; Four Bears; N/A; N/A; NWNE 18-152N-93W; McKenzie Co.
 #24256 - Fort Berthold 152-93-7D-6-1H; on confidential status; N/A; Four Bears; N/A; N/A; NWNE 18-152N-93W; McKenzie Co.
 #24270 - Fort Berthold 147-94-3B-10-5H; on confidential status; N/A; Gregory Buttes; N/A; N/A; NENW 3-147N-94W; Dunn Co.
 #24271 - Fort Berthold 147-94-3B-10-4H; on confidential status; N/A; Gregory Buttes; N/A; N/A; NENW 3-147N-94W; Dunn Co.
 #24272 - Fort Berthold 147-94-3B-10-3H; on confidential status; N/A; Gregory Buttes; N/A; N/A; NENW 3-147N-94W; Dunn Co.
 #24297 - Fort Berthold 148-95-13A-24-5H; on confidential status; N/A; Eagle Nest; N/A; N/A; NWNE 13-148N-95W; Dunn Co.

To view this chart in its entirety, please visit <http://bit.ly/13MqGYy>



IPs for ND Bakken wells

July 2 — July 8, 2013

This chart contains initial production rates, or IPs, for active wells that were filed as completed with the state of North Dakota from July 2 to July 8, 2013 in the Bakken petroleum system, which includes formations such as the Bakken and Three Forks. The completed wells that did not have an available IP rate (N/A) either haven't been tested or were awarded confidential (tight-hole) status by the North Dakota Industrial Commission's Department of Minerals. This chart also contains a section with active wells that were released from confidential status during the same period, July 2 to July 8. Again, some IP rates were not available (N/A). The information was assembled by Petroleum News Bakken from NDIC daily activity reports and other sources. The name of the well operator is as it appears in state records, with the loss of an occasional Inc., LLC or Corporation because of space limitations. Some of the companies, or their Bakken petroleum system assets, have been acquired by others. In some of those cases, the current owner's name is in parenthesis behind the owner of record, such as ExxonMobil in parenthesis behind XTO Energy. If the chart is missing current owners' names, please contact Ashley Lindly at alindly@petroleumnewsbakken.com.

LEGEND

The well operator's name is on the upper line, followed by individual wells with data in this order: NDIC file number; well name; field; location; spacing; county; geologic target; wellbore type; total depth; IP test date; IP oil flow rate. (IP stands for initial production; in this chart it's the first 24 hours of oil production.)

IPs for completed North Dakota wells

Baytex Energy

24353; Ebreck 4-9-161-97H 1XN; Frazier; SESW 33-162N-97W; 2SEC; Divide; Bakken; horizontal; 18,998; 5/1/2013; 224 bbl
24999; J. Olson 22-15-162-98H 2DM; Blooming Prairie; SWSW 22-162N-98W; 2SEC; Divide; Bakken; horizontal; 18,215; 5/27/2013; 535 bbl
24690; J. Olson 27-34-162-98H 2XM; Whiteaker; SWSW 22-162N-98W; 2SEC; Divide; Bakken; horizontal; 18,842; 5/31/2013; 602 bbl
24280; Pulvermacher 33-28-162-99H 1PB; Ambrose; SWSE 33-162N-99W; 2SEC; Divide; Bakken; horizontal; 18,418; 5/27/2013; 243 bbl

Continental Resources

23496; Angus Federal 4-9H; Elm Tree; NWNW 16-152N-94W; 4SEC; McKenzie; Bakken; horizontal; 22,035; 5/30/2013; 300 bbl
23494; Angus Federal 5-9H; Elm Tree; NWNW 16-153N-94W; 4SEC; McKenzie; Bakken; horizontal; 21,869; 6/4/2013; 360 bbl
23495; Simmental Federal 3-16H; Elm Tree; NWNW 16-153N-94W; 4SEC; McKenzie; Bakken; horizontal; 20,600; 6/2/2013; 240 bbl

SM Energy

24039; Broderson 2X-27HB; Siverston; NWNW 27-150N-98W; 2SEC; McKenzie; Bakken; horizontal; 21,440; 5/21/2013; 639 bbl
24044; Didrick 4-27HA; Siverston; NWNW 27-150N-98W; 2SEC; McKenzie; Bakken; horizontal; 21,544; 5/19/2013; 932 bbl
24043; Didrick 4X-27H; Siverston; NWNW 27-1150N-98W; 2SEC; McKenzie; Bakken; horizontal; 21,580; 5/18/2013; 605 bbl

Whiting Oil and Gas

24895; Ness 42-31TFH; Sanish; SENE 31-153N-92W; 2SEC; Mountrail; Bakken; horizontal; 18,000; 6/3/2013; 771 bbl

IPs for ND wells released from confidential status

Burlington Resources Oil and Gas (ConocoPhillips)

23647; Lillibridge 24-22TFH 3NH; Johnson Corner; SESW 22-150N-96W; N/A; McKenzie; Bakken; horizontal; N/A; N/A; N/A
24537; Midnight Horse 11-1MBH-ULW; Union Center; LOT4 1-152N-96W; 4SE; McKenzie; Bakken; horizontal; 21,202; 5/11/2013; 2,842 bbl
24230; State Veeder 11-25MBH; Blue Buttes; NWNW 25-150N-96W; 2Sec; McKenzie; Bakken; horizontal; 20,583; 5/8/2013; 2,927 bbl
22187; Twin Mountain 44-19MBH; Crooked Creek; SESE 19-143N-97W; N/A; Dunn; Bakken; horizontal; N/A; N/A; N/A
24343; Waterton 34-32TFH; Keene; SWSE 32-153N-95W; 2SEC; McKenzie; Bakken/Three Forks; horizontal; 19,015; 5/6/2013; 2,880 bbl

Continental Resources

22336; Columbia 2-5H; Dollar Joe; LOT4 5-155N-97W; N/A; Williams; Bakken; horizontal; N/A; N/A; N/A
22337; Columbia 3-5H; Dollar Joe; LOT4 5-155N-97W; N/A; Williams; Bakken; horizontal; N/A; N/A; N/A
24431; Colter 5-14H3; Bear Creek; SWNE 23-147N-96W; N/A; Dunn; Bakken; horizontal; N/A; N/A; N/A

Enduro Operating

24251; MRPSU 30-31; Mouse River Park; NWNW 30-162N-85W; N/A; Renville; Madison; vertical; N/A; N/A; N/A

Hess

24356; EN-Harmanson 154-93-1235H-2; Robinson Lake; SESE 2-154N-93W; N/A; Mountrail; Bakken; horizontal; N/A; N/A; N/A
24357; EN-Hermanson 154-93-0235H-3; Robinson Lake; SESE 2-154N-93W; N/A; Mountrail; Bakken; horizontal; N/A; N/A; N/A
24561; EN-Harmanson-154-93- 0235H-4; Robinson Lake; SESE 2-154N-93W; N/A; Mountrail; Bakken; horizontal; N/A; N/A; N/A
24562; EN-Hermanson-154-93- 0235H-5; Robinson Lake; SESE 2-154N-93W; N/A; Mountrail; Bakken; horizontal; N/A; N/A; N/A
23315; GO-Ron Viall-156-98-2524H-2; Wheelock; SWSE 25-156N-98W; N/A; Williams; Bakken; horizontal; N/A; N/A; N/A
23316; GO-Ron Viall-156-98- 2524H-3; Wheelock; SWSE 25-156N-98W; N/A; Williams; Bakken; horizontal; N/A; N/A; N/A

HRC Operating

23507; Fort Berthold 152-93-17D-08-5H; Four Bears; SESE 17-152N-93W; N/A; McKenzie; Bakken; horizontal; N/A; N/A; N/A

Marathon Oil

24304; Gustafson 31-30H; Bailey; SWSE 19-145N-93W; N/A; Dunn; Bakken; horizontal; N/A; N/A; N/A

Mountain Divide

24544; Olson 35-26-1H; Wildcat; SESE 35-163N-101W; 2SEC; Divide; Bakken; horizontal; 18,416; 4/12/2013; 341 bbl

Murex Petroleum

24257; Albert Skari 35-26H; Sandrocks; SESE 35-151N-100W; 2SEC; McKenzie; Bakken; horizontal; 21,50; 2/6/2013; 4,125 bbl
24109; Maxwell James 17-20H; Stanley; NENW 17-155N-91W; 2SEC; Mountrail; Bakken; horizontal; 19,531; 3/11/2013; 623 bbl

Newfield Production

24453; Rolla 152-97-1-1H; Westberg; LOT4 1-152N-97W; SEC; McKenzie; Bakken; horizontal; 16,116; 4/30/2013; 1,453 bbl
24452; Rolla State 152-97-1-12-10H; Westberg; LOT4 1-152N-97W; 2SEC; McKenzie; Bakken; horizontal; 21,426; 5/30/2013; 999 bbl

Oxy USA (Occidental Petroleum)

20395; Henry Kovash 1-6-7H-142-95; Manning; SWSE 31-143N-95W; 2SEC; Dunn; Bakken; horizontal; 20,565; 1/6/2013; 159 bbl

Top 10 Bakken wells by IP rate

- Murex Petroleum**
24257; Albert Skari 35-26H; McKenzie; 4,125 bbl
- QEP Energy**
24615; Hemi 3-34-27BH; McKenzie; 3,167 bbl
- Burlington Resources Oil and Gas (ConocoPhillips)**
24230; State Veeder 11-25MBH; McKenzie; 2,927 bbl
24343; Waterton 34-32TFH; McKenzie; 2,880 bbl
24537; Midnight Horse 11-1MBH-ULW; McKenzie; 2,842 bbl
- QEP Energy**
24614; Hemi 3-34-27TH; McKenzie; 2,729 bbl
24616; Hemi 2-34-27TH; McKenzie; 2,389 bbl
- Sinclair Oil and Gas**
22584; Harris Federal 1-30H; Dunn; 1,231 bbl
- WPX Energy**
20493; North John Elk 28HC; Dunn; 1,099 bbl
- Newfield Production**
24452; Rolla State 152-97-1-12-10H; McKenzie; 999 bbl

Note: This chart contains initial production rates, or IPs, from the adjacent IP chart for active wells that were filed as completed with the state of North Dakota from July 2 to July 8, 2013 in the Bakken petroleum system, as well as active wells that were released from tight-hole (confidential) status during the same period. The well operator's name is on the upper line, followed by individual wells; the NDIC file number; well name; county and IP oil flow rate in barrels of oil.

QEP Energy

24616; Hemi 2-34-27TH; Grail; SESW 34-150N-95W; 2SEC; McKenzie; Bakken; horizontal; 21,065; 5/11/2013; 2,389 bbl
24615; Hemi 3-34-27BH; Grail; SESW 34-150N-95W; 2SEC; McKenzie; Bakken; horizontal; 20,952; 5/22/2013; 3,167 bbl
24614; Hemi 3-34-27TH; Grail; SESW 34-150N-95W; 2SEC; McKenzie; Bakken; horizontal; 20,981; 5/24/2013; 2,729 bbl

Sinclair Oil and Gas

22584; Harris Federal 1-30H; Lone Butte; NEEN 30-147N-97W; 2SEC; Dunn; Bakken; horizontal; 20,680; 5/26/2013; 1,231 bbl

Statoil Oil and Gas

24174; Panzer 22-23 3TFH; Alger; NWNW 22-155N-92W; N/A; Mountrail; Bakken; horizontal; N/A; N/A; N/A
24173; Panzer 22-23 4H; Alger; NWNW 22-155N-92W; N/A; Mountrail; Bakken; horizontal; N/A; N/A; N/A
24172; Panzer 22-23 5TFH; Alger; NWNW 22-155N-92W; N/A; Mountrail; Bakken; horizontal; N/A; N/A; N/A
24009; Paulson 36-1 1H; Briar Creek; NENW 36-152N-104W; N/A; McKenzie; Bakken; horizontal; N/A; N/A; N/A

True Oil

24525; Hagen Federal 23-25 30-29H; Red Wing Creek; NESW 25-148N-101W; N/A; McKenzie; Bakken; horizontal; N/A; N/A; N/A

WPX Energy

20493; North John Elk 28HC; Reunion Bay; NWSW 28-150N-93W; S2; Dunn; Bakken; horizontal; 15,650; 4/16/2013; 1,099 bbl
22071; State of ND 10-3HY; Van Hook; SWSE 10-150N-92W; N/A; Mountrail; Bakken; horizontal; N/A; N/A; N/A

—Compiled by Ashley Lindly

Contact Ashley Lindly at alindly@petroleumnewsbakken.com

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North Dakota oil permits and completions

July 2 — July 8, 2013

LEGEND

The county name is on the upper line, the type of permit issued is on the second line, and company names are next, followed by individual wells with data in this order: well name; location; footages; field; geological target; well bore type; elevation; NDIC file number; API number; date permit shows on NDIC website.

Abbreviations

Following are the abbreviations used in the report and what they mean:

FNL = From North Line | FEL = From East Line

FSL = From South Line | FWL = From West Line

Bowman Co.

Permits issued

Denbury Onshore (ExxonMobil/XTO Energy)

CHSU 14B-16NH 15; SWSW 16-131N-105W; 538'FSL and 1,215'FWL; Cedar Hills; N/A; on confidential status; 2,904' ground; 25895; 33-011-01515; 7/2/2013

CHSU 31B-27SHR 15; NWNE 27-131N-105W; 325'FNL and 2,400'FEL; Cedar Hills; N/A; on confidential status; 2,999' ground; 25896; 33-011-01516; 7/2/2013

Divide Co.

Permits issued

Bakken Hunter

Tundra 3130 3H; SESW 31-164N-98W; 220'FSL and 1,920'FWL; Ambrose; Bakken; horizontal; 2,005' ground; 25901; 33-023-01069; 7/2/2013

Tundra 3130 4H; SESW 31-164N-98W; 220'FSL and 2,220'FWL; Ambrose; Bakken; horizontal; 2,007' ground; 25902; 33-023-01070; 7/2/2013

Hunt Oil

Writing Rock 161-101-30-31H-1; NWNE 30-161N-101W; 365'FNL and 1,980'FEL; Wildcat; N/A; on confidential status; 2,151' ground; 25893; 33-023-01068; 7/2/2013

Dunn Co.

Permits issued

Burlington Resources Oil and Gas (ConocoPhillips)

CCU Columbian 33-1MBH; NWSE 1-146N-94W; 1,542'FSL and 1,589'FEL; Corral Creek; N/A; on confidential status; 2,411' ground; 25910; 33-025-02195; 7/3/2013

CCU Columbian 33-1TFH; NWSE 1-146N-94W; 1,542'FSL and 1,544'FEL; Corral Creek; N/A; on confidential status; 2,407' ground; 25909; 33-025-02194; 7/3/2013

CCU Columbian 43-1MBH; NWSE 1-146N-94W; 1,542'FSL and 1,499'FEL; Corral Creek; N/A; on confidential status; 2,405' ground; 25908; 33-025-02193; 7/3/2013

CCU Columbian 43-1TFH; NWSE 1-146N-94W; 1,542'FSL and 1,454'FEL; Corral Creek; N/A; on confidential status; 2,405' ground; 25907; 33-025-02192; 7/3/2013

Marathon Oil

Azure USA 31-15H; SWSE 10-147N-93W; 327'FSL and 2,277'FEL; Moccasin Creek; N/A; on confidential status; 2,233' ground; 25898; 33-025-02191; 7/2/2013

Chase USA 21-15H; SWSE 10-147N-93W; 410'FSL and 2,333'FEL; Moccasin Creek; N/A; on confidential status; 2,233' ground; 25897; 33-025-02190; 7/2/2013

Location resurveyed

G3 Operating (Halcon Resources Corp.)

Fort Berthold 148-95-22C-15-15-4H; NENW 27-148N-95W; 19'FNL and 2,232'FWL; Eagle Nest; N/A; on confidential status; 1,937' ground; 25208; 33-025-02091; 7/2/2013

Fort Berthold 148-95-27B-34-4H; NENW 27-148N-95W; 45'FNL and 2,248'FWL; Eagle Nest; N/A; on confidential status; 1,936' ground; 25207; 33-025-02090; 7/2/2013

Fort Berthold 148-95-27B-34-5H; SESW 22-148N-95W; 6'FSL and 2,216'FWL; Eagle Nest; N/A; on confidential status; 1,938' ground; 25209; 33-025-02092; 7/2/2013

McKenzie Co.

Permits issued

Newfield Production

Norby State 152-96-16-2H; SWSW 16-152N-96W; 421'FSL and 661'FWL; Westberg; N/A; on confidential status; 2,460' ground; 25894; 33-053-05107; 7/2/2013

Permits renewed

WPX Energy

Ruby 31-30HA; SESW 31-151N-94W; 314'FSL and 1,748'FWL; Antelope; N/A; on confidential status; 2,237' ground; 23481; 33-053-04283; 7/3/2013

Ruby 31-30HW; SESW 31-151N-94W; 314'FSL and 1,798'FWL; Antelope; N/A; on confidential status; 2,237' ground; 23482; 33-053-04284; 7/3/2013

Permits cancelled

Whiting Oil and Gas

Smith 44-30TFH; SESE 30-145N-104W; 950'FSL and 320'FEL; Bicentennial; Bakken; horizontal; 2,348' ground; 20379; 33-053-03461; 7/3/2013

Location resurveyed

Kodiak Oil and Gas

Koala 2-2-11-14H3; NWNE 2-151N-100W; 290'FNL and 2,249'FEL; Poe; N/A; on confidential status; 2,316' ground; 23673; 33-053-04363; 7/3/2013

Koala 2-2-11-15H; NWNE 2-151N-100W; 290'FNL and 2,219'FEL; Poe; N/A; on confidential status; 2,319' ground; 23672; 33-053-04362; 7/3/2013

Koala 2-2-11-15H3; NWNE 2-151N-100W; 290'FNL and 2,189'FEL; Poe; N/A; on confidential status; 2,316' ground; 23671; 33-053-04361; 7/3/2013

Mountrail Co.

Permits issued

EOG Resources

Fertile 54-20H; NENW 20-151N-90W; 250'FNL and 1,650'FWL; Parshall; Bakken; horizontal; 2,124' ground; 25903; 33-061-02626; 7/3/2013

Oasis Petroleum

Cottle 5892 21-30T; LOT2 30-158N-92W; 2,230'FNL and 300'FWL; Cottonwood; Bakken; horizontal; 2,287' ground; 2590; 33-061-02625; 7/2/2013

Location resurveyed

Oasis Petroleum

Jase 5892 21-30T; LOT2 30-158N-92W; 1,950'FNL and 300'FWL; Enget Lake; Bakken; horizontal; 2,287' ground; 25725; 33-061-02590; 7/3/2013

Rivera 5892 21-30T; LOT2 30-158N-92W; 2,050'FNL and 300'FWL; Enget Lake; Bakken; horizontal; 2,286' ground; 25723; 33-061-02588; 7/3/2013

Williams Co.

Permits issued

Continental Resources

Jefferson 3-17H1; NWNE 17-153N-99W; 280'FNL and 2,333'FEL; Crazy Man Creek; N/A; on confidential status; 2,278' ground; 25905; 33-105-03112; 7/3/2013

Jefferson 4-17H; NWNE 17-153N-99W; 280'FNL and 2,288'FEL; Crazy Man Creek; N/A; on confidential status; 2,279' ground; 25906; 33-105-03113; 7/3/2013

Jefferson 5-17H; NWNE 17-153N-99W; 280'FNL and 2,378'FEL; Crazy Man Creek; N/A; on confidential status; 2,274' ground; 25904; 33-105-03111; 7/3/2013

Hess

SC-Bennie 157-99-2017H-1; SESW 20-157N-99W; 325'FSL and 2,275'FWL; Lone Tree Lake; N/A; on confidential status; 2,095' ground; 25899; 33-105-03110; 7/2/213

Oasis Petroleum

Orcas State 5601 1316 #2T; NWNE 16-156N-101W; 220'FNL and 1,330'FEL; Tyrone; Bakken; horizontal; 2,066' ground; 25915; 33-105-03118; 7/5/2013

Zavanna

Bills 32-29 2H; LOT4 5-153N-99W; 320'FNL and 430'FWL; Stockyard Creek; N/A; on confidential status; 2,378' ground; 25913; 33-105-03116; 7/3/2013

Bills 32-29 4TFH; LOT4 5-153N-99W; 320'FNL and 490'FWL; Stockyard Creek; N/A; on confidential status; 2,381' ground; 25911; 33-105-03114; 7/3/2013

Bills 5-8 1H; LOT4 5-153N-99W; 320'FNL and 400'FWL; Stockyard Creek; N/A; on confidential status; 2,376' ground; 25914; 33-105-03117; 7/3/2013

Bills 5-8 3TFH; LOT4 5-153N-99W; 320'FNL and 460'FWL; Stockyard Creek; N/A; on confidential status; 2,379' ground; 25912; 33-105-03115; 7/3/2013

Permits renewed

Texakota

H. Borstad 34-1A; SWSW 34-158N-95W; 1,015'FSL and 651'FWL; West Tioga; Bakken; horizontal; 2,463' ground; 16373; 33-105-01590; 7/3/2013

—Compiled by Ashley Lindly

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WELL NAMES

Breitling posting on the Pumpkin Ridge wells was on Oct. 29, 2012 in which the company indicated that the Pumpkin Ridge #2H well had been spud on Oct. 20, 2012. In a subsequent posting dated Dec. 16, 2012, Breitling indicated the well had been drilled to a total depth of approximately 10,500 feet with a lateral extending another 9,000 feet through the “prolific Bakken Shale,” to a total measured depth, or TMD, of 19,500 feet. The title of that posting suggested the well was being or was to be fracked.

Then on Jan. 11, 2013, Breitling posted a press release announcing that the Pumpkin Ridge #3H had been drilled in Williams County. As with the Pumpkin Ridge #2H well in Mountrail County, the Pumpkin Ridge #3H was also said to have been drilled to a depth of approximately 10,500 feet with a lateral extending 9,000 feet into the Bakken formation for another TMD of 19,500 feet.

Later, on Mar. 6, 2013, Breitling posted another press release on its website repeating the announcement that the first well, the Pumpkin Ridge #2H well, had been drilled into the “Bakken Shale” at a TMD of 19,500 feet. Three of the postings contain hundreds of aerial photographs of well pads during drilling and fracking operations.

Petroleum News Bakken searched the online database of the Oil and Gas Division of the North Dakota Industrial Commission Department of Mineral Resources but could find no record of either of the Breitling Pumpkin Ridge wells. In fact, the only well on the Oil and Gas Division’s well inventory with the term “Pumpkin” in the name is the Pumpkin 148-93-14C-13H TF, which is an Enerplus-operated well in the South Fork field in northern Dunn County that was spud on April 23, 2013.

In addition, Breitling does not appear in the Oil and Gas Division’s database as an operator. Consequently, if Breitling is involved in any wells in North Dakota, it is as a non-operating partner, but information on non-operating partners is not required by the Oil and Gas Division.

Petroleum News Bakken spoke with Alison Ritter, public information officer for the Oil and Gas Division, and Ritter confirmed that Breitling is not an operator in North Dakota. Ritter also confirmed that there is no record in the division’s files of any Pumpkin Ridge wells.

Breitling’s Big Caesar #1H well

Petroleum News Bakken then searched further into Breitling’s website and found three more wells that the company claims were drilled in North Dakota but for which no records exist on the Oil and Gas Division’s online database.

In an April 22, 2012 posting, Breitling announced that its Big Caesar #1H well had been drilled in Mountrail County to a depth of approximately 10,500 feet with a 9,000-foot lateral in the Bakken Shale for another TMD

Breitling Chief Executive Officer Chris Faulkner responded saying in an e-mail that “All of these wells are on confidential status and no data will be released.” However, according to Ritter, when a well is permitted in North Dakota, it is given a North Dakota Industrial Commission file number and an American Petroleum Institute, or API, number, and those numbers, along with other basic information, are available to the public on the division’s website.

of approximately 19,500 feet. However, nearly two months later Breitling announced in a June 18 posting that the Big Caesar #1H well was spud on May 18, contradicting the April 22 posting announcing the well had already been drilled. That posting identified the Big Caesar #1H well as the company’s first horizontal well in its “Big Caesar horizontal Middle Bakken and Three Forks development prospect.” The June 18 posting also indicated the Big Caesar #1H would be drilled to a TMD of 19,710 feet, and added that Breitling anticipated the well would reach TMD in “about 39 days.”

Then in an Aug. 7, 2012 posting, Breitling announced the Big Caesar #1H well had been drilled to a TMD of approximately 19,500 feet, also contradicting the April 22 posting that indicated the well had already been drilled. Two days later in an Aug. 9 posting, the company suggested the well was being, or was to be, fracked.

In the mean time, in a posting dated June 6, 2012, Breitling indicated “operations” of the Big Caesar #1H well as being assigned to EOG Resources. However, as with the Pumpkin Ridge wells, Petroleum News Bakken was not able to find evidence of any “Big Caesar” wells in the North Dakota Oil and Gas Division’s database, including all wells operated by EOG Resources in North Dakota. Furthermore, EOG Resources told Petroleum News Bakken that it is not familiar with the Big Caesar #1H well and is not the well’s operator.

Another Big Caesar well

In another April 22, 2012 posting, Breitling announced that the Big Caesar #2H well had been drilled in Divide County. The posting indicated the Big Caesar #2H was also drilled to a depth of approximately 10,500 feet with a 9,000-foot lateral into the Bakken Shale for still another TMD of approximately 19,500 feet. That announcement also suggested the well was being or had been fracked.

In a subsequent posting, dated July 3, 2012, Breitling announced that the Big Caesar #2H had been spud on June 28, 2012, over two months after the posting indicating the well had already been drilled. The July 3 announcement also stated that the Big Caesar #2H “is the first horizontal well in Breitling’s Big Caesar horizontal Middle Bakken and Three Forks development prospect,” the same statement made about the Big Caesar #1H well on June 18, 2012.

As with the Big Caesar #1H well, Petroleum News Bakken was not able to find any evidence of the Big Caesar #2H well in the Oil and Gas Division’s database.

Yet another unidentified well

In the Oct. 29, 2012, posting announcing the Pumpkin Ridge #2H well, Breitling indicated that Pumpkin Ridge #2H was the company’s second horizontal Middle Bakken/Three Forks well. A search of Breitling’s website did not reveal a third “Pumpkin Ridge” well, but the search did find that Breitling announced in a Feb. 19, 2012 posting that its Big Horn #1H well had been drilled in Williams County, again to a depth approximately 10,500 feet with a 9,000-foot lateral extending through the “Bakken Shale.”

As with the Pumpkin Ridge wells, Petroleum News Bakken could find no evidence of the Big Horn #1H well in the Oil and Gas Division’s online database. The only well on the Oil and Gas Division’s well inventory with “big” and “horn” in the well name is Sinclair’s Bighorn 1-6H well in Dunn County.

Breitling’s response

Petroleum News Bakken sent several inquiries to Breitling informing the company that none of the Pumpkin, Big Horn or Big Caesar wells could be found in the Oil and Gas Division’s database. Petroleum News Bakken asked that if operators used different names for the wells, would Breitling provide those names so that Petroleum News Bakken could find the wells in the database. Breitling Chief Executive Officer Chris Faulkner responded saying in an e-mail that “All of these wells are on confidential status and no data will be released.”

However, according to Ritter, when a well is permitted in North Dakota, it is given a North Dakota Industrial Commission file number and an American Petroleum Institute, or API, number, and those numbers, along with other basic information, are available to the public on the division’s website.

“Even if a well is listed on confidential status, we still make available the file number, API number, legal location of the well, well name, operator name, spud date and any run (sale) information,” she said.

Ritter noted that most operators request confidential status at the time of permitting. In those situations, all data on the well, with the exception of the basic information, are not released to the public for a period of six months beginning at the date of spud. According to the various spud and drill dates provided by Breitling on its website, all of the Pumpkin Ridge, Big Horn and Big Caesar wells are past the six-month confidential period.

Petroleum News Bakken informed Breitling of the fact that even if the wells were on confidential status, there would still be a record of the wells on the Oil and Gas Division’s website, and no such record exists for the Breitling wells. Breitling had not responded as of mid-day July 10.

Stay tuned. ●

If you have any information on these wells, please contact Mike Ellerd at mellerd@bresnan.net



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MAGNUM PRODUCTION

Magnum Hunter revenue soars

As was the case in 2012, the company turned in outstanding financial and operational results for this year's first quarter, with revenues increasing 76 percent to \$98 million, compared to revenue of \$55.7 million for the first quarter of 2012.

The revenue increase was attributed primarily to increases in Magnum Hunter's oil and natural gas liquids production due to previous acquisitions, and increased drilling activity in unconventional resource plays, as well as an increased focus on oil and liquids projects last year.

"We are confident that our leasehold acreage positions in both the Williston Basin and Marcellus and Utica shale plays will reflect great production growth as the year unfolds," said Gary Evans, chairman and chief executive officer of Magnum Hunter.

Production jump projected

In fact, the company is forecasting a year-end 2013 production exit rate of 23,000-25,000 barrels of oil equivalent per day, a whopping 35-to 47 percent increase from current output of about 17,000 boe per day, and upward of a 71 percent increase when compared to average full-year 2012 output of 14,587 boe per day.

At least part of Magnum Hunter's accounting problem has been attributed to failure in keeping pace with the company's rapid growth. Management cleaned house, replacing Magnum Hunter's chief accounting firm and revamping the company's accounting department. The board fired its accounting firm, PricewaterhouseCoopers on April 10, and hired BDO on April 16 to complete the audit.

"We are confident that our leasehold acreage positions in both the Williston Basin and Marcellus and Utica shale plays will reflect great production growth as the year unfolds."

—Magnum Hunter Chairman and CEO Gary Evans

Evans told analysts in a June 9 conference call that the company still has additional work to do this year to get its accounting department in "tiptop shape."

"You'll see some additional internal control issues resolved that we're working on feverishly," he said.

"So, we feel like we finally got this black cloud off our head ... related to financial reporting," he added. "We're back to drilling wells and doing things we do best. And we're pretty excited about where we see production going."

Evans reminded analysts that the company's rosy 2013 production forecast does not include any production from its Utica shale properties in Ohio. "If we're successful in some of these Utica well completions, that could have a nice boost as well," he said.

Shut-ins hurt output in Q1

Magnum Hunter's first quarter 2013 production total of 13,769 boe per day compared 12,624 boe per day for the same quarter in 2012 represents a fairly modest 9 percent increase. However, had it not been for a shut-in of wells due to an unforeseen pipeline problem, output would have averaged around 16,900 barrels per day during the first quarter, or a 34 percent increase over the last year's comparable quarter.

"It was actually a good problem from the standpoint that they're all related to Appalachia Marcellus wells, where the (high value) liquid component and content of that gas stream was much greater that we had ever antic-

ipated," Evans said.

But because the company had not planned for sufficient "pigging" operations on the Eureka Hunter pipeline, he added, "we had to make some significant changes to pipeline design" to move the liquids out of low areas of the pipeline. The company installed additional pig launchers and was forced to wait for approval of an air quality permit to increase compression before moving the gas. It took four months to resolve the problem and "that had a profound effect," Evans said.

Q2 operational update

Though Magnum Hunter has yet to file its second quarter 2013 financial report, it did provide a quarterly update on its North American operations, including the Williston Basin's Bakken petroleum system.

Second quarter activities in North Dakota included bringing 19 gross (5.5 net) wells on production. At the end of the quarter, there were eight gross (1.6 net) wells fracture stimulated awaiting flowback, 11 gross (2.9 net) wells drilled awaiting completion operations and four gross (1.4 net) wells drilling, the company said.

Magnum Hunter noted that Middle Bakken exploration across the Ambrose Block has accelerated in 2013. Capital expenditure guidance provides for up to 40 gross Middle Bakken wells to be drilled by the end of the year. So far, 13 test wells have now been placed on production, all yielding positive results. Eight new laterals are awaiting completion, and two multi-well eco-pads are currently drilling. Further delineation of the formation will continue this year "with significant step-outs planned," company said.

Becoming a bigger player

"Williston Hunter's shift to becoming an operator in

see **MAGNUM PRODUCTION** page 15

Bakken

Oil Patch Bits



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Ebeltoft . Sickler . Lawyers consists of nine lawyers serving Bakken-based businesses in North Dakota and Montana. Practice groups provide legal expertise for: corporate due-diligence, merger, acquisition and business sale negotiation and completion, and leasing, purchase or sale of real estate and developer contracts, appearances for planning and zoning and litigation relating to governmental decisions, and environmental claims litigation.

Business Spotlight

Jennifer Grosz, Treasurer

Jennifer Grosz focuses her practice on business transactions, personal planning and real estate transactions. Grosz has a particular interest in business sales and due diligence. She is highly regarded for aiding businesses in navigating this stressful and time intensive process. She strives to provide businesses usable and sustainable ideas to meet challenges of the environment in which they operate.



JENNIFER GROSZ

COURTESY PHOTO

NETZSCH Pumps announces Kisler to manager position

NETZSCH Pumps North America LLC recently named Robert Kisler the national sales and product manager for the TORNADO product line with responsibility for North America for both the industrial and municipal markets. For more than 25 Kisler has spent the majority of his career in the rotary lobe pump, flow systems marketplace and has extensive channel partner experience. He is based in Akron, Ohio.

NETZSCH is the world's largest manufacturer of progressing cavity pumps, macerators, dosing systems, accessories and an innovative technology leader of rotary lobe pumps. NETZSCH provides pumps and systems to industrial and municipal markets globally and is committed to business growth beyond market levels.



ROBERT KISLER

COURTESY PHOTO

Bakken Players

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ClearSpan Fabric Structures		Miller Insulation Co.	11	Tremcar Inc.	2
Cruz Energy Services LLC (A CIRI Co.)	3	MT Housing		Trinity Health Occupational Medicine	
CST Storage		MT Rigmat LLC	4	Umiaq	
DAWA Solutions Group		Netzsch Pumps North America		Unconventional Resources Technology	
E3 Energy and Environmental Experts		North Dakota Petroleum Council		UNICO Inc.	
Ebeltoft Sickler		North Slope Telecom (NSTI)	6	Wanzek Construction	
Elite Tank	5	Northern Oilfield Services, Inc.		Watford Ranch	
Four Seasons Equipment		OFS Energy Fund			

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MAGNUM PRODUCTION

North Dakota continues to gain momentum," Williston Hunter President Glenn Dawson said, noting the company's first well in a 10-well program for the balance of 2013 spud in late June at its Mohall Madison Unit in Burke County. "The remainder of the drilling program targets high working interest Middle Bakken wells in Divide County."

During the second quarter, the focus of activities in the Tableland Field in Canada shifted from drilling and completions to facility optimization, with the third phase of field electrification initiated. The gas conservation project will connect Tableland gas to the Oneok North Dakota system, in an effort designed to cut down on gas flaring.

In Appalachia, Magnum Hunter said it completed the horizontal section of its first Utica well on the Farley Pad in Washington County, Ohio. The company currently plans to fracture stimulate this 100 percent owned well in late July. It will then rest the well for 30-45 days with an anticipated production test in late September. Earlier this year, two 100 percent owned Marcellus wells were drilled and cased in Magnum Hunter's Ormet area of Monroe County. Fracture stimulation of the wells is timed with planned additional midstream capacity on the Eureka Hunter gathering system, which is scheduled for completion in the fourth quarter.

More pad drilling for Marcellus

"Now that we have essentially drilled the corners of our existing leasehold acreage Marcellus Shale position, we plan to perform more pad type drilling, as we enter the 'factory' stage of development in this play," said James Denny, president of Triad Hunter LLC.

Magnum Hunter said that following the sale of core properties in the "oil window" of the Eagle Ford shale in Gonzales and Lavaca counties, Texas, it is left with about 7,000 Eagle Ford acres in Fayette, Lee and Atascosa counties, of which 5,100 net acres are prospective for a combination Pearsall-Eagle Ford oil play in Atascosa. The Pearsall is located about 2,500 feet beneath the Eagle Ford at depths ranging from 9,000 to 12,000 feet and is about 300-to 400 feet in thickness.

"Our internal technical analysis, core

samples, our McCarty Unit A 1H well, and the recent third-party well results in the area, indicate potential for both Eagle Ford Shale and Pearsall Shale productivity on this Atascosa County acreage," said H.C. "Kip" Ferguson, president of Shale Hunter LLC.

During the second quarter, the company also drilled and cased one gross (0.98 net) horizontal Eagle Ford well, which is awaiting fracture stimulation. In addition, it placed on production one gross (0.3 net) well in South Texas. And the company participated through a 31 percent non-operating working interest in a horizontal Pearsall well with Marathon Oil Corp. as the operator.

\$56 million spent on upstream

Magnum Hunter's upstream capital expenditures were \$56 million for the second quarter, with \$31.9 million for the Williston Basin, \$21.6 million for the Appalachian region and \$2.5 million for the South Texas region.

As a result of the Eagle Ford property sale, the company reallocated its 2013 upstream capex budget of \$300 million, with \$150 million allocated to the Appalachian Basin, almost all of which is for its Marcellus and Utica plays, and

\$150 million allocated to the Williston Basin's Bakken play.

The company said it allocated a significant portion of its 2103 upstream capital budget to the Marcellus and Utica to take advantage of its processing capacity, which went live in December 2012 at the

MarkWest Mobley processing plant. Additionally, the company spent \$19 million for expansion of the Eureka Hunter gas gathering system. ●

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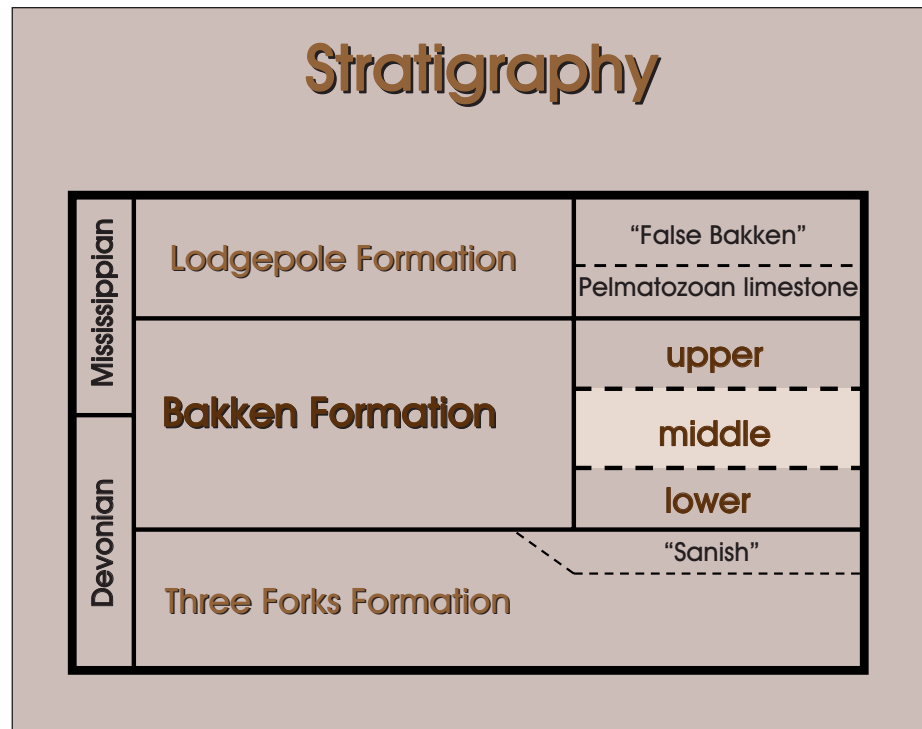
FALSE BAKKEN

tion.

The False Bakken is an organic-rich limestone interval lying near the bottom of the Lodgepole formation along the southern fringe of the Bakken petroleum system in North Dakota and Montana. Drillers coined the term "False Bakken" because the interval can appear very similar to, and was sometimes initially confused with the upper Bakken member.

Fidelity's UBS/FB well

While Slawson's Weasel 1-36H is the first known False Bakken well, MDU Resources subsidiary Fidelity Exploration and Production drilled a well in southeastern Richland County in 2012 which it calls an "upper Bakken/False Bakken oil well," because a portion of the bit path cut into the False Bakken. While most of the well's lateral cut through the upper Bakken with a small portion of the path going through the Scallion member, the lateral finished in the False Bakken. The Scallion member is a thin limestone interval that separates the Lodgepole formation from the upper shale member of the



Bakken formation.

Fidelity's UBS/FB well, the Edam 15-22H, began producing in July 2012 and through May 2013 has been on production for 208 days and has yielded a total of 2,778 barrels of oil for an average daily production of 13.60 bopd. The Edam 15-

22H has also produced a total of 115 mcf of natural gas for an average daily production of 0.55 mcf gas.

Upper shale activity continues

In addition to the False Bakken, both Slawson and Fidelity continue to explore

and develop the upper Bakken member, which consists largely of shale, the most common petroleum source rock.

According to the Montana board's records, Slawson had 15 wells producing from the upper Bakken as of May 2013 and Fidelity had four, all 19 in the Elm Coulee field in Richland County.


All of Slawson's upper Bakken wells are single lateral wells except for one that is a dual-lateral with one sidetrack. The first of Slawson's upper Bakken wells went on production in April 2012 and the most recent went on production in February 2013. Through May 2013, average daily production from those 15 wells ranged from 33.06 to 234.30 bopd. Collectively, Slawson's upper Bakken wells have produced a total of 295,236 barrels of oil and 73.8 million cubic feet of gas over a total of 3,055 individual days of production for overall daily averages of 96.64 bopd and 24.16 mcf of natural gas. PetroShale (US) Inc. is a non-operating partner on some of Slawson's upper Bakken wells, and Northern Oil and Gas Inc. is a non-operating partner on others.

Fidelity's four upper Bakken wells went on production between September 2012 and April 2013. Average daily production from these four wells ranges from 20.67 to 121.46 bopd. Together the four wells have produced a total of 41,969 barrels of oil and 10.4 mmcf of natural gas over 632 individual producing days for collective daily averages of 66.41 bopd and 16.4 mcf of natural gas. PetroShale (US) is also a non-operating partner on some of Fidelity's upper Bakken wells.

As Petroleum News Bakken reported in late June, Continental Resource filed applications with the North Dakota Industrial Commission seeking permission to drill wells in the upper Bakken in southeastern McKenzie County. In its application, Continental estimates ultimate recoveries of 246,000 barrels of oil and 323 mmcf of natural gas per well from its proposed upper Bakken wells.









Continental's wells are proposed as single lateral wells located between the sections making up standup 1,280-acre spacing units with laterals extending approximately 4,400 feet north and south toward the tops and bottoms of the spacing units, although exact well locations could be altered due to topography. ●

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