

CONFIDENTIAL

ORIGINAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form ACO-1
September 1999
Form Must Be Typed

8/22/10

Operator: License # 32294
Name: OSBORN ENERGY, LLC
Address: 24850 FARLEY
City/State/Zip: BUCYRUS, KS 66013
Purchaser: AKAWA NATURAL GAS, LLC
Operator Contact Person: Curstin Hamblin
Phone: (913) 533-9900
Contractor: Name: OSBORN ENERGY, LLC
License: 32294
Wellsite Geologist: Curstin Hamblin
Designate Type of Completion:
[] New Well [] Re-Entry [] Workover
[] Oil [] SWD [] SIOW [] Temp. Abd.
[] Gas [] ENHR [] SIGW
[] Dry [] Other (Core, WSW, Expl., Cathodic, etc)
If Workover/Re-entry: Old Well Info as follows:
Operator: AUG 22 2008
Well Name:
Original Comp. Date: Original Total Depth:
[] Deepening [] Re-perf. [] Conv. to Enhr./SWD
[] Plug Back [] Plug Back Total Depth
[] Commingled [] Docket No.
[] Dual Completion [] Docket No.
[] Other (SWD or Enhr.?) [] Docket No.
7/29/2008 8/11/2008
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 121-28635-0000
County: Miami
NE NW NE Sec. 9 Twp. 16 S. R. 25 [] East [] West
330 feet from (S) (N) (circle one) Line of Section
1650 feet from (E) (W) (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) (NE) (SE) NW SW
Lease Name: Kircher, Omer Well #: O-41
Field Name: Louisburg
Producing Formation: MARMATON AND CHEROKEE
Elevation: Ground: 1118 Kelly Bushing:
Total Depth: 800 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at 21.4 Feet
Multiple Stage Cementing Collar Used? [] Yes [] No
If yes, show depth set Feet
If Alternate II completion, cement circulated from 0
feet depth to 520 w/ 78 sx cmt.

Drilling Fluid Management Plan AIT II NH 10-08-08
(Data must be collected from the Reserve Pit)
Chloride content ppm Fluid volume bbls
Dewatering method used
Location of fluid disposal if hauled offsite:
Operator Name:
Lease Name: License No.:
Quarter Sec. Twp. S. R. [] East [] West
County: Docket No.:

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: Curstin Hamblin
Title: Geologist Date: 8-22-08
Subscribed and sworn to before me this 22 day of August
20 08
Notary Public: [Signature]
Date Commission Expires:

Jane Brewer
Notary Public
State of Kansas
My Commission Expires 3-23-11

KCC Office Use ONLY
[] Letter of Confidentiality Received
[] If Denied, Yes [] Date:
[] Wireline Log Received
[] Geologist Report Received
[] UIC Distribution
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AUG 25 2008

Operator Name: OSBORN ENERGY, LLC Lease Name: Kircher, Omer Well #: O-41
 Sec. 9 Twp. 16 S. R. 25 East West County: Miami

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
SURFACE	9 1/4"	8 5/8"		21.4	PORTLAND	1 sack	WATER
PRODUCTION	7 7/8"	5 1/2"		520	50/50 poz	78 sacks	gel

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
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TUBING RECORD	Size	Set At	Packer At	Liner Run	CONSERVATION DIVISION WICHITA, KS
				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

Date of First, Resumerd Production, SWD or Enhr.	Producing Method
	<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)

Estimated Production Per 24 Hours	Oil Bbbs.	Gas Mcf	Water Bbbs.	Gas-Oil Ratio	Gravity

Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<input checked="" type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	

CONSOLIDATED OIL WELL SERVICES, INC.
 P.O. BOX 884, CHANUTE, KS 66720
 620-431-9210 OR 800-457-8676

TICKET NUMBER 16307
 LOCATION Ottawa
 FOREMAN Alan Mader

TREATMENT REPORT & FIELD TICKET
OMER CEMENT

KW
mm
8/25/08

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
8-14-08	6073	Kercher # 2-41	9	16	25	Mi.
CUSTOMER <u>Agaborn Energy</u>						
MAILING ADDRESS <u>24850 Farley</u>						
CITY <u>Bucyrus</u>		STATE <u>ISS</u>	ZIP CODE <u>66013</u>			
		TRUCK # <u>516</u>		DRIVER <u>Alan M</u>		TRUCK #
		<u>363</u>		<u>Bj 112</u>		
		<u>226</u>		<u>Ken H</u>		

JOB TYPE Fillup HOLE SIZE 7 7/8 HOLE DEPTH 520 CASING SIZE & WEIGHT 5 1/2
 CASING DEPTH 520 DRILL PIPE _____ TUBING 3/4 500' OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT IN CASING _____
 DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE 1 ppm

REMARKS: Washed tubing down. Mixed & pumped 75 sk
50/50 poz, 270 gal. Circulated cement to surface.
Pulled 3/4 out of hole. Topped off with 5 sk
80 sk total cement.

Customer supplied water

Alan Mader

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	368	925.00
5406	40	MILEAGE	368	146.00
5402	520'	casing footage	368	191.60
5407A		Ten mileago	226	161.00
119B	134#	gel		22.78
1124	78.5x	50/50poz		710.50
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AUG 25 2008				
CONSERVATION DIVISION				
WICHITA, KS				
			6.59	51.20
				2066.58

AUTHORIZATION Frank D. Mader TITLE 224763

SALES TAX ESTIMATED TOTAL 2066.58
 DATE 11/11

Geological Report

OMER
Kircher # 0-41 *0-41*

330 FNL, 1650 FEL
Section 9-T16-R25E
Miami Co., Kansas
API# 15-121-28635-0000
Elevation: 1118' GL
Drilling Contractor: Osborn Energy, L.L.C (Lic. # 32294)
Spud: 7/29/2008
Production Bore Hole: 7 7/8"
Rotary Total Depth: 800' on 8/1/2008
Drilling Fluid: air
Surface Csg.: 8 5/8"
Production Csg.: 5 1/2" set to 528'
Geologist: Curstin Hamblin
Driller: Brian Schwab

<u>Formation</u>	<u>Geologist Tops</u>	<u>E Log tops</u>	<u>Datum</u>
Stark Shale	267-269'	267-271	851
Hushpuckney Shale	294-297'	293-298	825
Base Kansas City	313'	314	804
Knobtown Sand	348		770
Carbonaceous Tacket Fm.	430'		688
"Big Lake" Sand	431'		687
South Mound Zone	491-493'	490-494	628
Hepler (Wayside) Sand	No call		
"Upper" Mulberry Zone	No call		
Mulberry Zone	No call		
Weiser Sand	no call		
Myrick Station	Absent'		
Lexington Coal Zone	Small show 537'	530-533	588
Peru Sand	No call		
Summit Shale Zone	586-589'	584-588	534
Mulky Coal/Shale Zone	610-615'	606-613	512
Squirrel Sand	616'		
Scammon	729-733'		389
Tebo	744-750'		374
Rotary Total Depth	800' AUG 22 2008		318

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WICHITA, KS

Drilling at 241' in the Kansas City on 7/31/2008 at 8:00am
Background Gas (BG) 9.4 units

Actually drilling .4" higher than the report says, so subtract .4 inches to each

The hole is giving up a small amount of water above the stark. Not enough for us to switch to water yet

241-250: SH: grey, LS: white
Gas kick to 32.1, 22.7 units over BG
251-260: LS: white, 90%, SH: grey

STARK FORMATION Geologist called @ 267', gas kick to 13.7 units, 4.3 over BG

****GAS TEST @280', "puff" of gas****

268: SH: dk grey, poor gas in the samples
261-270: SH: grey, black, LS: 5% white
271-280: LS: white/grey, SH: grey
Connection gas to 101.2, 89.1 units over
281-290: LS: white

HUSHPUCKNEY SHALE Geologist called @294', kick to 13.0 units, 4.2 over BG

****GAS TEST @300', No Increase****

294-295: dk grey shale
296- 297: black shale
297: SH: black, very poor gas in samples
291-300: SH: black, grey, 80%, LS: 10% white
Connection gas 88.5 units, 66 units over background
301-310: LS: grey
Gas kick of 4 units (BKC)
311-320: SH: black 312, the rest is grey, and a darker grey

****GAS TEST @320', 0 MCF Total****

321-330: SH: grey, silty
331-340: SH: grey, some sandy
Gas kick of 4.5 units over BG (Knobtown)
341-350: SS: grey, medium grained, 90%, SH: grey, 10%
351-360: SS: grey, medium grained
361-370: SH: grey, silty
371-380: SH: grey, gummy, silty
381-390: SH: grey, limey, SS: fine to medium grained, grey
391-400: SH: grey, silty
401-410: SH: grey, some silty, some gummy
411-420: SH: grey, limey
421-430: SH: grey, limey, Coal, 1%
430: Gas kick of 4 units, Coal: tacket formation
431-440: SS: fine grained, greenish/grey
Connection gas of 37 units over bg

Still have not picked up any more water, a small amount is still coming out, enough to make the samples wet, so we are washing samples, but we are not adding water or soap yet.

441-450: SH: grey, silty, SS: lt grey, fine grained
451-460: SS: grey, fine grained
461-470: SS: very fine grained
471-480: SS: very fine grained, SH: grey
481-490: SH: grey, limey

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SOUTH MOUND ZONE Geologist called @491', gas kick to 30.2 units, 21 over BG
****GAS TEST @500', 0 MCF Total****

493: SH: poor gas in samples, Coal: <1% fair to good gas in samples
491-500: SH: grey, gummy, SH: black, SH: dk grey
501-510: SS: grey, fine grained
Gas kick to 16.7, 3 units over bg

Started drilling with water and soap. We shut down the rig for 1 hour while Venture fixed the leak on the drill head. The hole was full of water when we started drilling again.

511-520: SS: grey, very fine grained
521-530: SS: grey, very fine grained, SH: grey, gummy

LEXINGTON COAL ZONE -No

531-540: SS: grey, very fine grained, SH: grey, some black, Coal: <1%
(Lexington)
541-550: SH: grey, SS: very fine grained, SH: grey, gummy
551-560: SS: grey, very fine grained, SH: grey, LS: dk brown
Connection gas kick of 85 units
561-570: SS: grey, very fine grained, LS: 570, dk brown
571-580: LS: white/grey, SS: lt grey, very fine grained

SUMMIT SHALE ZONE Geologist called @586', kick to 195.1 units, 180.1 over BG
****GAS TEST @600', 25 MCF Total, surging (water) ****

581-590: SH: dk grey, black, LS: grey
588: Fair to good gas in samples
591-600: LS: grey
601-610: SH: grey, SS: grey, very fine grained, SH: black 1 %

MULKY COAL/SHALE ZONE Geologist called @610', kick to 265.9 units, 257 over BG
****GAS TEST @620', 10 MCF 35 Total ****

611: SH: black, good to very good gas in the samples.
611-620: Samples have good gas, SH: black, SS: grey, medium grained

SQUIRREL SAND Geologist called @ 616'

****GAS TEST @640', -4 MCF 31 open flow ****

621-630: SS: grey, very fine grained, not like above. Coal: 1%, LS: sandy, bright orange

Chromatograph is having big kicks, then goes down, Probably did this 10 times within 10 feet.

Some oil shows, probably the reason for the chromatograph frenzy
Picked up some water, not much

631-640: SS: dk grey, medium to large grained, SH: sandy, grey

641-650: SS: dk grey, medium to large grained

651-660: SS: grey, large grained

****GAS TEST @660', 27 MCF open flow ****

Ran out of pipe stopped drilling at 660 at 5:00pm
Started drilling at 7:30 am on 8/1/2008

661-670: SS: grey, large grained, SH: grey, 20%

671-680: SS: grey, large grained

681-690: SS: grey, medium to large grained, Coal: 690 .5ft

691-700: SH: grey, LS: brown limestone

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****GAS TEST @ 700', -5 MCF 22 open flow ****

Gas kick to 6.1, 6 over bg
701-710: SH: grey, LS: grey, SS: light grey
711-720: SH: grey, dk grey, Coal 1%
729: dk grey shale, almost black, poor gas in the samples, no gas kick

SCAMMON Geologist called @ 729-733' no gas kick

721-730: SH: dk grey, limey, black
732: SH: dk grey, fair gas in samples, coal <1% good gas in samples
731-740: SH: dk grey, coaly, Coal: 2%, gas kick of 20 units

****GAS TEST @ 740', 0 MCF 22 open flow ****

740: connection gas >900, out of range

TEBO Geologist called @ 744-750' gas kick of 79 units above bg

****GAS TEST @ 760', 5 MCF 27 open flow ****

Tebo gave up some water, not a lot, but some
741-750: SH: dk, dk grey, black, and 1% lt grey, Coal: 5%
744-750: black shale
745: black shale/coal good gas in samples
751-760: SH: grey, black, pyrite <1%
761-770: SS: grey, very fine grained
771-780: SS: very fine grained, limey
781-790: SS: very fine grained, limey
791-800: SS: brown, large grained, SH: grey

Total Rotary Depth, 800

****GAS TEST @ 800', 0 MCF 22 open flow ****

Summary:

Stark: 0 MCF
Hushpuckney: 0 MCF
South Mound: 0 MCF
Lexington: ----
Summit: 25 MCF
Mulky: 10 MCF
Scammon: 0 MCF
Tebo: 5 MCF

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Total: *Aug 22 2008* 40 MCF

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CONSERVATION DIVISION
TOPEKA, KANSAS

Structural and Formation Top comparisons of wells in the area

Well:	Kircher O-45		Kircher 1-9		Kircher O-41		Kircher 7-9	
	Elevation:	1108	1106	1118	1109			
	Top	Datum	Top	Datum	Top	Datum	Top	Datum
Stark:	252	856	251	855	267	851	246	863
Hush:	279	829	280	826	294	824	274	835
BKC:	298	810	297	809	313	805	291	818
South M:	474	634	467	639	491	627	475	624
Lexington:	---	---	531	575	---	---	---	---

Summit:	569	539	573	533	586	532	568	541
Mulky:	596	507	598	508	610	508	593	516
Scammon:					729	389		
Tebo:					744	374		

Open Flow: 60 Mulky 208 Lex & Mulky 393 Sum & Mulk

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