

8/29/07

Form ACO-1  
September 1999  
Form Must Be Typed

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

CONFIDENTIAL

WELL COMPLETION FORM

ORIGINAL

WELL HISTORY - DESCRIPTION OF WELL & LEASE

28447-00.00

Operator: License # 32294  
Name: OSBORN ENERGY, LLC  
Address: 24850 FARLEY  
City/State/Zip: BUCYRUS, KS 66013  
Purchaser: AKAWA NATURAL GAS, LLC  
Operator Contact Person: JEFF TAYLOR  
Phone: ( 913 ) 533-9900  
Contractor: Name: OSBORN ENERGY, LLC  
License: 32294

Wellsite Geologist: \_\_\_\_\_

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: \_\_\_\_\_

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. \_\_\_\_\_

6/27/2007    7/10/2007  
Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date    Recompletion Date

API No. 15 - 121-28252-0000

County: Miami

NE - NW - SE - \_\_\_\_\_ Sec. 28 Twp. 16 S. R. 25  East  West

2310 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: Morrissey Well #: 2

Field Name: Louisburg

Producing Formation: MARMATON AND CHEROKEE

Elevation: Ground: 1000' Kelly Bushing: \_\_\_\_\_

Total Depth: 492 Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 20 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from 481

feet depth to 20 w/ 6 sx cmt.

Drilling Fluid Management Plan ATTN: 27309  
(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: Custin Hamberin

Title: Geologist Date: 8-29-07

Subscribed and sworn to before me this 29<sup>th</sup> day of August.

2007  
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: RECEIVED  
 Wireline Log Received **KANSAS CORPORATION COMMISSION**  
 Geologist Report Received **SEP 04 2007**  
 UIC Distribution **CONSERVATION DIVISION**  
**WICHITA, KS**

Operator Name: OSBORN ENERGY, LLC Lease Name: Morrisey Well #: 2  
 Sec. 28 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  Yes  No  
 (Attach Additional Sheets)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
 (Submit Copy)

List All E. Logs Run:

Log Formation (Top), Depth and Datum  Sample

Name Top Datum

WELL LOG ATTACHED

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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	13"	10 3/4"		20'	PORTLAND	6	WATER
PRODUCTION	9 7/8"	7"	17	481	Consolidated	Ticket	Attached
LINER							

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
				<input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr. \_\_\_\_\_ Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	WOC		N/A		

Disposition of Gas  Vented  Sold  Used on Lease (If vented, Submit ACO-18.)

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_

## Geological Report

### Morrisey #2-28

2310 FSL, 1650 FEL

Section 28-T16S-R25E

Miami County, Kansas

API # 15-121-28252

Elevation:

Driller: Osborn Energy, LLC

Spud: June 27, 2007

Production Bore Hole: 9 7/8"

Rotary Drill Depth: 492' on July 10, 2007

Geologist: Jeff Taylor

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<u>FORMATION</u>	<u>DRILLER SAMPLE TOP</u>	<u>DATUM</u>
Stark Shale	206	
Hushpuckney Shale	235	
Base Kansas City Lime	275	
South Mound Shale	409	
Laberdie Limestone	442	
Anna Shale (Lexington)	486	
Drillers TD	492	

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Samples:

127-137; silty gray LS  
137-147; silty gy ls, with mica  
137-147; ss, gray, rounded, with mica in samples, some slight oil stain  
147-157; ls, gy, tan, hard; siltstone, gy, micaceous  
157-167; siltstone, shly, gy; shale gy, gummy  
167-177; shale, gy, gummy  
177-187; shale, black-dark gy, sme laminations, some silt, carb no gas in samples, LS gy, brn, hard  
187-197; ls, gy, tan, hard  
197-207; ls, gy, tan, hard Shale black, carbonaceous at 206 no gas in samples  
207-217; Sh, black, carbonaceous, blocky some laminated, silty, no gas in samples, LS, brn-tan, gy, hard NO GAS KICK, TEST AT 217' SLIGHT BLOW TOO SMALL TO MEASURE  
Connection Gas @ 217 24 units or 20 over background  
217-227; ls, gy, hard  
227-237; ls, gy, hard Shale, black, carbonaceous, silty NO GAS  
Test at 242, Too small to measure  
Shut down overnight  
Back ground gas starting at 39 units

237-247; LS, gy, tn, hard Dh, dk gy, slty BG gas 33 units  
247-257; LS tn, gy, light brn, hard, occ mica BG 33 units  
257-267; LS tn, hard, sme gy slty, occ pyrite Connection Gas (CG) 46 units  
267-277; LS tn-gy, slty, pyritic, siltstone, gy, mica BG 30 units  
277-287; Siltstone, gy w/mica, ss gy fine grain slight dead oil stain BG 30 units  
287-297; Siltstone, gy w/mica, SS gy w/mica, sme gy shale BG 30 units  
297-307; Siltstone, shaley, gy, mica laminated, sme pyrite Sh, gy slty, occ carbonaceous layer BG 30 units  
307-317; Sh, gy, gummy BG 26 units  
317-327; Sh, gy BG 25 units  
327-337, Sh, gy  
337-347; Sh, gy  
347-357; Sh, gy, fissile  
357-367; Sh gy, Sltstone gy, SS gy w/ occ oil stain BG 29 units CG @ 367' 110 units BG @ 370' 35 units.  
367-377; Sltstone, gy, laminated, grading to Shale. SS gy, slty, mica  
377-387; SS, gy-clear, sltst, fissil, gy, w/ mica BG 25 units  
387-397; SH, gy slty CG @392': 60 units  
397-407: SH, gy, sme black Shale, slty, pyrite, no gas.  
407-417: SH, dk gy-black, quartz inclusions, fossiliferous, mica, pyrite, no gas in samples Gas Test @ 417' 8,000 estimated. CG @ 417 400 units BG @ 420' 38 units  
417-427; Sh, gy; LS brn, sltsone, SS brn BG 33 units  
427-437; SS brn, mica, well cemented BG 25 units  
437-447 Sh, gy w/ snd & slt, LS brn, hard, some mica CG @ 442 52 units  
447-457; LS brn, fossils, cong ls, hard sme sand inclusions BG 27 units

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457-467; LS, brn fossils, cong, hard CG @ 467 50 units  
467-477; LS, brn, hard sme sandy. SS well cemented. Mica BG 35 units  
477-486; LS brn hard, SH black, blocky, very slight gas breakout Top Lexington  
486-489; SH black, fissil, sme gas breakout along bedding plains, very carbonaceous gas  
kick to 648 units  
489-492; SH black, LS brn.  
GAS TEST AT 492', 115,000 OR 107,000 INCREASE.

Summary

South Mound,	8,000
<u>Lexington,</u>	<u>107,000</u>
Total	115,000 SCF/DAY

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**CONSOLIDATED**  
OIL WELL  
SERVICES, LLC

**REMIT TO**  
Consolidated Oil Well Services, LLC  
DEPT. 970  
P.O. BOX 4346  
HOUSTON, TEXAS 77210-4346

MAIN OFFICE  
P.O. Box 884  
Chanute, KS 66720  
620/431-9210 • 1-800/467-8676  
FAX 620/431-0012

INVOICE

Invoice # 215657

Invoice Date: 08/17/2007 Terms:

Page 1

OSBORN ENERGY LLC  
24850 FARLEY  
BUCYRUS KS 66013  
(913) 533-9900

MORRISEY #2  
26-16-25  
15647  
08/14/07

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Part Number	Description	Qty	Unit Price	Total
1107	FLO-SEAL (25#)	38.00	1.9000	72.20
1118B	PREMIUM GEL / BENTONITE	502.00	.1500	75.30
1124	50/50 POZ CEMENT MIX	147.00	8.8500	1300.95

Description	Hours	Unit Price	Total
495 CEMENT PUMP	1.00	840.00	840.00
495 EQUIPMENT MILEAGE (ONE WAY)	.00	3.30	.00
495 CASING FOOTAGE	481.00	.00	.00
510 TON MILEAGE DELIVERY	1.00	279.05	279.05

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Parts:	1448.45	Freight:	.00	Tax:	94.87	AR	2662.37
Labor:	.00	Misc:	.00	Total:	2662.37		
Sublt:	.00	Supplies:	.00	Change:	.00		

Signed \_\_\_\_\_ Date \_\_\_\_\_

BARTLESVILLE, OK 278 CR 2706 74003 918/338-0808	EUREKA, KS 820 E. 7th 67045 620/583-7664	OTTAWA, KS 2631 So. Eisenhower Ave. 66067 785/242-4044	GILLETTE, WY 300 Enterprise Avenue 82716 307/686-4914	THAYER, KS 8655 Dorn Road 66776 620/839-5269	WORLAND, WY 837 Hwy US 16 E 82401 307/347-4577
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