

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
October 2008

Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

1/05/12
KCC
01/05/10

OPERATOR: License # 32294
Name: Osborn Energy, L.L.C.
Address 1: 24850 Farley
Address 2: _____
City: Bucyrus State: KS Zip: 66013 + _____
Contact Person: Curstin Hamblin
Phone: (913) 533-9900
CONTRACTOR: License # 32294
Name: Osborn Energy, L.L.C.
Wellsite Geologist: Curstin Hamblin
Purchaser: Akawa Natural Gas, L.L.C.
Designate Type of Completion:
 New Well _____ Re-Entry _____ Workover
 Oil _____ SWD _____ SLOW
_____ Gas _____ ENHR _____ SIGW
_____ CM (Coal Bed Methane) _____ Temp. Abd.
_____ 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. _____ Conv. to SWD
_____ Plug Back: _____ Plug Back Total Depth
_____ Commingled _____ Docket No.: _____
_____ Dual Completion _____ Docket No.: _____
_____ Other (SWD or Enhr.?) _____ Docket No.: _____
9/16/2009 9/18/2009 10/28/2009
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 091-23368-0000
Spot Description: NE4 of Sec. 12-T15S-R24E
SW SE SE NE Sec. 12 Twp. 15 S. R. 24 East West
2805 Feet from North / South Line of Section
495 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Johnson
Lease Name: Adams Well #: 31-12
Field Name: Stilwell
Producing Formation: Cherokee
Elevation: Ground: 1022 Kelly Bushing: _____
Total Depth: 679 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 21.52 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: _____ Feet
If Alternate II completion, cement circulated from: 666
feet depth to: surface w/ 95 sx cmt.

Drilling Fluid Management Plan AH I NJ 119-10
(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: 1-5-2010
Subscribed and sworn to before me this 5th day of January,
20 10
Notary Public: Jane Brewer
Date Commission Expires: _____

Jane Brewer
Notary Public
State of Kansas
My Commission Expires 3-28-11

KCC Office Use ONLY
 Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
_____ Geologist Report Received
_____ UIC Distribution

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JAN 07 2010

KCC WICHITA

Operator Name: Osborn Energy, L.L.C. Lease Name: Adams Well #: 31-12
 Sec. 12 Twp. 15 S. R. 24 East West County: Johnson

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: GRN	<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	12 1/4"	8 5/8"		21.52	portland	5	water
Production	6 3/4"	4 1/2"		666	wcc OWC	95	200# gel, dye marker

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 <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or Enhr. _____		Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____	
Estimated Production Per 24 Hours	Oil Bbls. _____	Gas Mcf _____	Water Bbls. _____ Gas-Oil Ratio _____ Gravity _____

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <div style="text-align: center; border: 1px solid black; padding: 5px;"> RECEIVED JAN 07 2010 </div>
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Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

JAN 07 2010
KCC WICHITA



CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER 20222

LOCATION Ottawa

FOREMAN Alan Mader

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10-28-09	6073	Adams 31-12	NE 12	15	24	JO
CUSTOMER <u>Osborn Energy</u>			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS <u>248 50 Farley</u>			<u>516</u>	<u>Alan M</u>		
CITY <u>Bucyrus</u>	STATE <u>KS</u>	ZIP CODE <u>66013</u>	<u>368</u>	<u>Ken H</u>		
			<u>548</u>	<u>Arlen Mc</u>		

JOB TYPE long string HOLE SIZE 6 3/4 HOLE DEPTH 679 CASING SIZE & WEIGHT 4 1/2
 CASING DEPTH 666' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING yes
 DISPLACEMENT 10 1/2 DISPLACEMENT PSI _____ MIX PSI _____ RATE 46pm

REMARKS: Checked casing depth. Mixed + pumped 200 # gel to flush hole followed by 5 bbl dye marker. Mixed + pumped 95 sx OWC cement. Circulated dye to surface. Flushed pump, pumped plug to casing TD. well held 800 PSI. Set float.

Osborn water

Alan Mader

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE		870.00
5406	45	MILEAGE		155.25
5402	666'	casing footage		
5407A	200.93	ton mileage		233.08
1118B	200#	gel		32.00
1126	95	OWC		1520.00
4404	1	4 1/2 plug		43.00
		Check # 5021		
		WO # 231706		
			RECEIVED	
			JAN 07 2010	
			KCC WICHITA	
			6.4%	SALES TAX 102.08
				ESTIMATED TOTAL 2955.41

Ravin 3737

AUTHORIZATION A Taylor

TITLE _____

DATE _____

This well was drilled for oil, so a geologist was not on site until the Mulky because there is good well control around the current well. Driller made all of the formation top calls from surface to the Summit. E log tops are in () below

Drillers log is on S drive

Drilling in the Kansas City on 9/17/2009

STARK FORMATION driller called @ 214 (212-216)

HUSHPUCKNEY SHALE driller called @ 242 (240-244)

BKC (259)

SOUTH MOUND ZONE driller called @ 454 (395-397)

LEXINGTON COAL ZONE Driller called @ 490 (486-490)

SUMMIT SHALE ZONE Driller called @ 530 (527-530)

MULKY COAL/SHALE ZONE Geologist called @ 550-551 (548-551)

SQUIRREL SAND Geologist called @ 590-596': bleeding sand, All squirrel: (578-590)

****GAS TEST @659', 16 MCF Total ****

Core: 590.5-605

590.5-596: SS: firm, wavy, very broken into thin wavy pieces. Bleeding oil, slightly shaley, but mostly sand. After washed off, there was some bleed-back. Very good bleed back from 596-596.5. This sand was firm and not wavy.

596-597.5: Sandy shale, mostly shale, slightly bleeding oil

597-605: SH: no bleeding oil

Total Rotary Depth, 679 on 9/18/2009

****GAS TEST @679', 0 MCF, too small to measure ****

Summary:

Stark:	0
Hushpuckney:	0
South Mound:	0
Lexington:	0
Summit:	0
Mulky:	0
Squirrel:	16
Total:	16

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