

CONFIDENTIAL

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

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

11/03/10

Kell
Mm
11/07/08

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: _____
Designate Type of Completion:
 New Well _____ Re-Entry _____ Workover
_____ Oil _____ SWD _____ SLOW _____ 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. _____

7/17/2008 7/21/2008 9/17/2008
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 121-28621-0000
County: Miami
_____ SW _____ NE Sec. 1A Twp. 16S S. R. 24 East West
2970 feet from (S) N (circle one) Line of Section
2310 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW
Lease Name: Vohs Well #: 5-1
Field Name: Paola/Rantule
Producing Formation: MARMATON AND CHEROKEE
Elevation: Ground: 1012 Kelly Bushing: _____
Total Depth: 995 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 0
feet depth to 995 w/ 171 sx cmt.

Drilling Fluid Management Plan ATTN: NS 1-23-09
(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: 11-3-08
Subscribed and sworn to before me this 3rd day of November,
2008.

Notary Public: Jane Brewer
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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CONSERVATION DIVISION
WICHITA, KS

Operator Name: OSBORN ENERGY, LLC Lease Name: Vohs Well #: 5-1
 Sec. 1A Twp. 16S S. R. 24 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

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	3 sacks	WATER
PRODUCTION	7 7/8"	5 1/2"		995	50/50 poz	171	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
	none		

TUBING RECORD		Size	Set At	Packer At	Liner Run
					<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 Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

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 _____

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Geological Report

Vohs # 5-1

2970 FSL, 2310 FEL
Section 1-T16-R224
Miami Co., Kansas
API# 15-121-28621-0000
Elevation: 1012' GL
Drilling Contractor: Osborn Energy, L.L.C (Lic. # 32294)
Spud: 7/17/2008
Production Bore Hole: 9 1/4"
Rotary Total Depth: 994' on 7/21/2008
Drilling Fluid: air
Surface Csg.: 10 3/4" set at 20"
Production Csg.: 5 1/2" set to 995'
Geologist: Curstin Hamblin

<u>Formation</u>	<u>Driller Log Tops</u>		<u>Datum</u>
Stark Shale	289-293'	-5	723
Hushpuckney Shale	319-322'	4	693
Base Kansas City	339'		673
Knobtown Sand	No call		
Carbonaceous Zone in Tacket Fm.	No call		
"Big Lake" Sand	'		
South Mound Zone	511-515'		501
Hepler (Wayside) Sand	No call		
"Upper" Mulberry Zone	No call		
Mulberry Zone	No call		
Weiser Sand	'		
Myrick Station	None'		
Anna Shale (Lexington Coal Zone)	None'		
Peru Sand	No call		
Summit Shale Zone	616-620'	5	396
Mulky Coal/Shale Zone	646-649'	4	366
Squirrel Sand	'		
Bevier Coal	700-702'	2	312
Croweburg			
Minneral	748-753'	6	
Scammon			
Tebo	783'		229
Bartelsville A Sand			
Bartelsville B Sand			

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Bartelsville C Sand	878'	134
Rowe Coal Zone	902'	110
Neutral	938'	74
E Sand		
F Sand		
G Sand		
H Sand		
Rotary Total Depth	994'	18

Drilling at 102' in the Kansas City on 7/18/2008
 -No chromatograph

103-112: LS: white
 113-122: SH: sandy, gummy, LS: 113, white
 123-132: SH: grey, gummy
 133-142: SH: grey, gummy
 143-152: SH: grey, gummy
 153-162: SH: grey, gummy
 163-172: LS: grey, white
 173-182: SH: grey, LS: pink
 183-192: SH: grey, gummy, LS: lt brown
 193-202: SH: grey, gummy
 203-212: SH: grey, silty, gummy
 213-222: sandy shale, very silty, biotite and muscovite, very fine grained
 223-232: SH: grey, silty, SS: grey, very fine grained
 233-242: LS: white, SH: grey, gummy
 243-252: SH: grey, gummy, LS: 20%, pink
 253-262: SH: grey, gummy
 263-272: LS: grey, some shaley
 273-282: LS: white

STARK FORMATION Geologist called @ 289-293', no chromatograph
 290: Very poor to no gas in the samples
 283-292: SH: grey, LS: white
 293-302: LS: pink/white
 303-312: LS: white

HUSHPUCKNEY SHALE Geologist called @319-322', no Chromatograph

****GAS TEST @322', puff of gas****

319: None to poor gas in samples
 313-322: LS: white, SH: dk grey, black
 Hushpuckney gave up a lot of water
 Chromatograph is back and working BG running at 12.5 units
 323-332: LS: grey and White
 333-342: LS: white, SH: grey & limey
 342: connection gas to 172.6 from 12.5, a 160.1 unit kick
 343-352: SH: grey, SS: grey, fine grained
 353-362: SH: grey, SS: grey, fine grained
 363-372: SS: grey, fine grained, Pyrite, SH: grey
 373-382: SS: grey, fine to medium grained
 383-392: SH: grey, silty
 393-402: SS: grey, fine to medium grained
 403-412: SH: grey
 413-422: SH: grey

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