

Jack

UPDATED / CORRECTED
1/06/05

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 32294
Name: Osborn Energy, L.L.C.
Address: 24850 Farley 20' S & 202' E of: C SE NW Sec. 8 Twp. 16 S. R. 25 East West
City/State/Zip: Bucyrus, Kansas 66013
Purchaser: Akawa Natural Gas, L.L.C.
Operator Contact Person: Steve Allee
Phone: (913) 533-9900
Contractor: Name: Layne Christensen Canada Limited
License: 32999
Wellsite Geologist: (s) Rex Ashlock, Dean Seeber, Bill Stout

API No. 15 - 121-27636-00-00
County: Miami (N 38* 40.407', N 94* 40.102')

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

3280 feet from S N (circle one) Line of Section
3098 feet from E W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Sanders Well #: 4-8
Field Name: Louisburg
Producing Formation: (s) Lexington & Scammon Coals

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. 195,304-C (C-28,554)
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____
5/15/2002 5/16/2002 7/15/2003
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

Elevation: Ground: _____ Kelly Bushing: 1054'
Total Depth: 1117' 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 None Feet
If Alternate II completion, cement circulated from 1112'
feet depth to surface w/ 160 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content N/A ppm Fluid volume 500+/- bbls
Dewatering method used evaporation
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: R. P. Allee
For Osborn Energy, L.L.C.

Title: _____ Date: 1/14/05

Subscribed and sworn to before me this 14 day of JANUARY

Notary Public: Taylor C. Herman

Date Commission Expires: _____

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

 TAYLOR C. HERMAN
Notary Public - State of Kansas

50411

Side Two

Operator Name: Osborn Energy, L.L.C. Lease Name: Sanders Well #: 4-8
 Sec. 8 Twp. 16 S. R. 25 X 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:
IES / CDL
Cmt Bond / GR / CCI (mailed w/ this ACO-1)

X Log Formation (Top), Depth and Datum Sample
 Name Top Datum
 OH Log(s), Cmt Ticket(s), Drlg's Log, etc., sent w/ 1st ACO-1

CASING RECORD <input checked="" type="checkbox"/> New 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 1/8"	10 3/4"	32.75	21'	Portland	13	3% CaCl ₂
Production	8 3/4"	5 1/2"	15.50	1112'	"Thixotropic"	160	2% CaCl ₂

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
4	565-569	150 gal. 15% HCl acid 23 sx 12/20 frac sand	565-569
4	760-764	70 sx 20/40 frac sand 33 sx 12/20 frac sand	760-764

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 7/8" set at 812' +/-		None	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Date of First, Resumed Production, SWD or Enhr.		Producing Method			
8/2003		Flowing <input type="checkbox"/> Pumping <input checked="" type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) <input type="checkbox"/>			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	None	Avg. 19.6	Avg. 250.7		No Oil

Disposition of Gas Vented Sold Used on Lease

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled

Production Interval 565-569
760-764