

Rcvd Kcc 1-31-05

UPDATED / CORRECTED  
12/30/04

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 50' N of: C N/2 SE SW Sec. 1 Twp. 16 S. R. 24  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: 32991  
 Wellsite Geologist: Rex Ashlock  
 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. 195,304-C (C-28,554)  
 Dual Completion Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?) Docket No. \_\_\_\_\_  

<u>5/23/2002</u>	<u>5/29/2002</u>	<u>7/31/2003</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 121-27642-00-00  
 County: Miami (N 38\* 40.925', W 94\* 42.370')  
 1040 feet from  N (circle one) Line of Section  
 3300 feet from  W (circle one) Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one) NE  SE NW SW  
 Lease Name: Hartman Well #: 2-1  
 Field Name: Paola-Rantoul  
 Producing Formation: Hushpuckney & Lexington  
 Elevation: Ground: \_\_\_\_\_ Kelly Bushing: 994  
 Total Depth: 1028 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 1027  
 feet depth to surface w/ 230 <sup>sx.cmt.</sup>  
AH2-Dg-3/5/09

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: [Signature]  
 Title: For Osborn Energy, L.L.C. Date: 1/13/05  
 Subscribed and sworn to before me this 13 day of January  
20 05  
 Notary Public: [Signature]  
 Date Commission Expires: \_\_\_\_\_

**REX R. ASHLOCK**  
 Notary Public - State of Kansas  
 My Appt. Exp. 1-10-09

**KCC Office Use ONLY**

Letter of Confidentiality Attached  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

Side Two

Operator Name: Osborn Energy, L.L.C. Lease Name: Hartman Well #: 2-1  
 Sec. 1 Twp. 16 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 <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 Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes No <i>(Submit Copy)</i>  List All E. Logs Run: <b>Dual Induction</b> <b>GR-N / Cement Bond / CCL (mailed w/ this "updated" ACO-1)</b>	Log Formation (Top), Depth and Datum Sample Name Top Datum <b>OH Log, Driller's Log, Cmt Ticket, etc., mailed w/ 1st ACO-1</b>
---	--

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	13.0"	10 3/4"	32.75	21'	Portland	13	3 % CaCl <sub>2</sub>
Production	9 7/8"	7.0"	20.0	1027'	"Thixotropic"	230	2% CaCl <sub>2</sub>

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	489-493	200 Gal. 15% HCl acid 72 sx 20/40 frac sand 35 sx 12/20 frac sand		489-493
4	254-258	250 Gal. 15% HCl acid 74 sx 20/40 frac sand 28 sx 12/20 frac sand		254-258

TUBING RECORD		Size Set At <b>2 7/8" set at 550' +/-</b>	Packer At <b>None</b>	Liner Run Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Date of First, Resumed Production, SWD or Enhr. <b>8/2003</b>	Producing Method 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. <b>None</b>	Gas Mcf <b>Avg. 4.3</b>	Water Bbls. <b>Avg. 442</b>	Gas-Oil Ratio <b>No Oil</b>

Disposition of Gas      METHOD OF COMPLETION      Production Interval

Vented  Sold  Used on Lease     
  Open Hole  Perf.  Dually Comp.  Commingled

\_\_\_\_\_ **489-93**  
 \_\_\_\_\_ **254-258**