

UPDATED / CORRECTED
1/03/05

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

Form ACO-1
September 1999
Form Must Be Typed

ORIGINAL

Operator: License # 32294
Name: Osborn Energy, L.L.C.
Address: 24850 Farley 18' W & 6' N of: SE SE NW 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: 32999
Wellsite Geologist: Rex Ashlock

Designate Type of Completion:

☒ New Well ☐ Re-Entry ☐ Workover
☐ Oil ☐ SWD ☐ SIOW ☐ Temp. Abd.
☒ Gas ☐ ENHR ☐ SIGW
☐ Dry ☐ Other (Circ. V/SW, E. pl., 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 _____

☒ Cemented _____ Docket No. 195,304-C (C-23,554)

☐ Dual Completion _____ Docket No. _____

☐ Other (SWD or Enhr.?) _____ Docket No. _____

6/4/02 6/5/02 7/30/03
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 121-27640-00-00
County: Miami (N 38° 41.259', W 94° 42.282')

2976 feet from S N (circle one) Line of Section

2988 feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW

Lease Name: Hopkins Well #: 1-1

Field Name: Paola-Rantoul

Producing Formation: South Mound & Mulky

Elevation: Ground: _____ Kelly Bushing: 993

Total Depth: 989 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at 21 Feet

Multiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 989

feet depth to surface w/ 220 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. Rules 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]
For Osborn Energy, L.L.C.

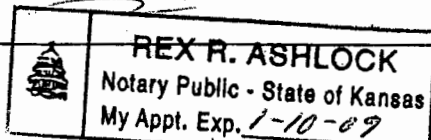
Title: _____ Date: 1/3/05

Subscribed and sworn to before me this 13 day of January

20 05

Notary Public: [Signature]

Date Commission Expires: _____



KCC Office Use ONLY

☐ Letter of Confidentiality Attached

If Denied, Yes ☐ Date: _____

☐ Wireline Log Received

☐ Geologist Report Received

☐ UIC Distribution

50377

Side Two

Operator Name: Osborn Energy, L.L.C. Lease Name: Hopkins Well #: 1-1
 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 ☐ 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 / CCL

(Cmt Bond / GR / CCL attached/mailed w/ this "Updated" ACO-1)

☒ Log Formation (Top), Depth and Datum Sample

Name Top Datum

Driller's Log, OH Log(s), Cmt tickets, etc., sent w/ 1st ACO-1

CASING RECORD ☒ 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 3/4"	10 3/4"	32.75	21'	Portland	13	3% CaCl ₂
Production	9 7/8"	7.0"	20	989'	Thixotropic	220	2% CaCl ₂

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
☐ Perforate				
☐ Protect Casing				
☐ Plug Back TD				
☐ 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	452-456	250 gal. 15% HCl acid 62 sx 20/40 frac sand 43 sx 12/20 frac sand	452-456
4	569-575	200 gal. 15% HCl acid 25 sx 20/40 frac sand	569-575

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 7/8"	set at 600' +/-	None	[] Yes [x] No
Date of First, Resumed Production, SWD or Enhr.		Producing Method			
8/2003		Flowing ☐ Pumping ☒ Gas Lift ☐ Other (Explain) ☐			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	None	Avg. 49.6	Avg. 219.2		No Oil

Disposition of Gas

METHOD OF COMPLETION

Production Interval

☐ Vented ☒ Sold ☐ Used on Lease

[] Open Hole ☒ Perf. [] Dually Comp. ☒ Commingled

☐ Other (Specify) _____

452-456

569-575