

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

CONFIDENTIAL

Operator: License # 32294
Name: Osborn Energy, L.L.C.
Address: 24850 Farley
City/State/Zip: Bucyrus, Kansas 66013
Purchaser: Akawa Natural Gas, L.L.C. RECEIVED
Operator Contact Person: Steve Allee KANSAS CORPORATION COMMISSION
Phone: (913) 533-9900 JUL 28 2003
Contractor: Name: Suzie Glaze
License: 5885 CONSERVATION DIVISION WICHITA, KS
Wellsite Geologist: Rex Ashlock
Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Spud.
 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. _____
4/10/2003 4/12/2003 waiting on completion
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 121-27684-0000
County: Miami
NE SW SE Sec. 32 Twp. 15 S. R. 25 East West
792 feet from N (circle one) Line of Section
1,671 feet from W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Richard Moore Well #: 15-32-15-25
Field Name: Louisburg
Producing Formation: Pawnee
Elevation: Ground: 1,091 Kelly Bushing: N/A
Total Depth: 640' Plug Back Total Depth: N/A
Amount of Surface Pipe Set and Cemented at 20 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set N/A Feet
If Alternate II completion, cement circulated from 528
feet depth to surface w/ 124 sx cmt.

Drilling Fluid Management Plan *ALT II WITHIN 2-12-03*
(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.: _____

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KANSAS CORPORATION COMMISSION
AUG 11 2003
CONSERVATION DIVISION
WICHITA, KS

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: Geologist Date: 7-24-03
Subscribed and sworn to before me this 24 day of July, 2003
Notary Public: [Signature]
Date Commission Expires: 12/17/2005

NOTARY PUBLIC
DARLINE LOTT
STATE OF KANSAS
My Appt. Exp. 12/17/05

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

Operator Name: Osborn Energy, L.L.C. Lease Name: Richard Moore Well #: 15-32-15-25
 Sec. 32 Twp. 15 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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Attach Additional Sheets) 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 Yes <input checked="" type="checkbox"/> No (Submit Copy) List All E. Logs Run:	X Log Formation (Top), Depth and Datum Sample Name Top Datum Drillers Log Attached RECEIVED KANSAS CORPORATION COMMISSION JUL 28 2003 CONSERVATION DIVISION WICHITA, KS
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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	11 1/4"	8 5/8"		20'	Portland	6	None
Production	7 7/8"	5 1/2"		528'	50/50 Poz	125	2% 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		Acid, Fracture, Shot, Cement Squeeze Record		Depth
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)		

TUBING RECORD	Size	Set At	Packer At	Liner Run
				Yes No

Date of First, Resumed Production, SWD or Enhr. Waiting on completion		Producing Method N/A Flowing Pumping Gas Lift Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls. N/A	Gas Mcf N/A	Water Bbls. N/A	Gas-Oil Ratio N/A	Gravity N/A

Disposition of Gas METHOD OF COMPLETION Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
 (If vented, Sumit ACO-18.) Other (Specify) SIGW

Drillers Log

Richard Moore #15-32-15-25

1671 FEL, 792 FSL (N 41° 42.053', W 94° 39.296')

Section 32-T15S-R25E

Miami, Co. Kansas

API #15-121-27684

Elevation: 1091 GL (est. from Topo. Map)

Drilling Contractor: Glaze Drilling Co., (Lic. #5885)

Spud: 4/10/2003

Surface: 11 1/4" bore hole, set 20' of 8 5/8" csg. cmt'd with 6 sx

Production bore hole: 7 7/8"

Rotary Total Depth: 640' on 4/12/03

Drilling fluid: Air

E-Log Total Depth: No Open Hole Run

Production Csg.: Used 5 1/2" 15.50#/ft., set at 532'+/-

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WICHITA, KS

<u>Formation</u>	<u>Driller Log Tops</u>	<u>Datum</u>
Stark Shale	263	828
Hushpuckney Shale	290	801
Base Kansas City	306	785
"Upper" Knobtown Sand	Not Developed	----
"Middle" Knobtown Sand	Poorly Developed	----
"Lower" Knobtown Sand	Poorly Developed	----
Carbonaceous Zone in Tacket Fm.	No Call	----
"Big Lake" Sand	Poorly Developed	----
South Mound Zone	468	623
Hepler (Wayside) Sand	Not Developed	----
"Upper" Mulberry Zone	No Call	----
Mulberry Zone	No Call	----
Weiser Sand	511	580
Myrick Station	528	563
Anna Shale (Lexington Coal Zone)	531	560
Peru Sand	533	558
Summit Shale Zone	568	523
Mulky Coal/Shale Zone	592	499
Squirrel Sand	Poorly developed	----
Rotary Total Depth	640	451

JUL 28 2003

CONSOLIDATED INDUSTRIAL SERVICES, INC.
211 W. 14TH STREET, CHANUTE, KS 66720
316-431-9210 OR 800-467-8676

CONSERVATION DIVISION
WICHITA, KS

TICKET NUMBER **14596**

LOCATION Ottawa

TREATMENT REPORT

FOREMAN Alan Maden

3 of 3 wells

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
4-28-03	6073	MOORE 15	3215-25	32	15	25	MI	
CHARGE TO <u>Osborn Energy</u>				OWNER				
MAILING ADDRESS <u>24850 Farley</u>				OPERATOR				
CITY <u>Bucyrus</u>				CONTRACTOR <u>Brian</u>				
STATE <u>KS</u>		ZIP CODE <u>66013</u>		DISTANCE TO LOCATION <u>40</u>				
TIME ARRIVED ON LOCATION <u>4:30 P.M.</u>				TIME LEFT LOCATION <u>6:00 P.M.</u>				

WELL DATA	
HOLE SIZE <u>7 7/8</u>	
TOTAL DEPTH <u>700'</u>	
CASING SIZE <u>5 1/2</u>	
CASING DEPTH <u>528'</u>	
CASING WEIGHT	
CASING CONDITION	
TUBING SIZE	
TUBING DEPTH	
TUBING WEIGHT	
TUBING CONDITION	
PACKER DEPTH <u>528</u>	
PERFORATIONS	
SHOTS/FT	
OPEN HOLE	
TREATMENT VIA	

TYPE OF TREATMENT	
<input type="checkbox"/> SURFACE PIPE	<input type="checkbox"/> ACID BREAKDOWN
<input checked="" type="checkbox"/> PRODUCTION CASING	<input type="checkbox"/> ACID STIMULATION
<input type="checkbox"/> SQUEEZE CEMENT	<input type="checkbox"/> ACID SPOTTING
<input type="checkbox"/> PLUG & ABANDON	<input type="checkbox"/> FRAC
<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> FRAC + NITROGEN
<input type="checkbox"/> MISC PUMP	<input type="checkbox"/> FOAM FRAC
<input type="checkbox"/> OTHER	<input type="checkbox"/> NITROGEN

PRESSURE LIMITATIONS		
	THEORETICAL	INSTRUCTED
SURFACE PIPE		
ANNULUS LONG STRING		
TUBING		

INSTRUCTIONS PRIOR TO JOB

386 Amador 195 m.kite
164 H Reed 144 C lease

JOB SUMMARY

DESCRIPTION OF JOB EVENTS Mixed + pumped 124 sx 50/150 p02 - 2% gel
down 1" to 528' Filled well to surface pulled
1" out and topped off well. R&D equipment

124 sx total

PRESSURE SUMMARY	
BREAKDOWN or CIRCULATING	psi
FINAL DISPLACEMENT	psi
ANNULUS	psi
MAXIMUM	psi
MINIMUM	psi
AVERAGE	psi
ISIP	psi
5 MIN SIP	psi
15 MIN SIP	psi

TREATMENT RATE	
BREAKDOWN BPM	
INITIAL BPM	
FINAL BPM	
MINIMUM BPM	
MAXIMUM BPM	
AVERAGE BPM	
HYD HHP = RATE X PRESSURE X 40.8	

AUTHORIZATION TO PROCEED

TITLE

DATE

152760
Rev 1259