

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.  
Operator Contact Person: Steve Allee  
Phone: (913) 533-9900  
Contractor: Name: Suzie Glaze  
License: 5885  
Wellsite Geologist: Rex Ashlock  
Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SLOW  Temp. Abandonment  
 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. \_\_\_\_\_  
5/7/2003 5/12/2003 waiting on completion  
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 121-27680-0000  
County: Miami  
Section: NW NW SE Sec. 2 Twp. 16 S. R. 24  East  West  
2,166 feet from  N (circle one) Line of Section  
2,046 feet from  W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE  SE NW SW  
Lease Name: Sears Well #: 10-2-16-24  
Field Name: Louisburg  
Producing Formation: Pawnee  
Elevation: Ground: 1,041 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 512  
feet depth to surface w/ 83 sx cmt.  
ALT II WITHIN 2-12-03  
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.: \_\_\_\_\_

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KANSAS CORPORATION COMMISSION  
CONSERVATION DIVISION  
WICHITA, KS  
AUG 11 2003

**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  
STATE OF KANSAS  
DARLINE LOTT  
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: Sears Well #: 10-2-16-24  
 Sec. 2 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:

Log Formation (Top), Depth and Datum Sample  
 Name Top Datum

**Drillers Log Attached**  
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**JUL 28 2003**  
**CONSERVATION DIVISION**  
**WICHITA, KS**

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"	15.50	512'	40/60 Poz	83	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.	Producing Method			
<b>Waiting on completion</b>	<b>N/A</b>	Flowing	Pumping	Gas Lift Other (Explain)
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity
	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>

Disposition of Gas:  Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled

Production Interval:  Other (Specify) SIGW

(If vented, Sumit ACO-18.)

## Drillers Log

### Sears #10-2-16-24

2046 FEL, 2166 FSL

Section 2-T16S-R24E

Miami, Co. Kansas

API #15-121-27680

Elevation: 1041 GL (est. from Topo. Map)

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

Spud: 5/07/2003

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 5/12/03

Drilling fluid: Air

E-Log Total Depth: No Open Hole Run

Production Csg.: Used 5 1/2" 15.50#/ft., set at 512'

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<u>Formation</u>	<u>Driller Log Tops</u>	<u>Datum</u>
Stark Shale	237	804
Hushpuckney Shale	263	778
Base Kansas City	281	760
"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	383	658
South Mound Zone	420	621
Hepler (Wayside) Sand	434	607
"Upper" Mulberry Zone	No Call	----
Mulberry Zone	No Call	----
Weiser Sand	493	548
Myrick Station	508	533
Anna Shale (Lexington Coal Zone)	512	529
Peru Sand	514	527
Summit Shale Zone	550	491
Mulky Coal/Shale Zone	569	472
Squirrel Sand	570?	471
Bevier Zone	Not Drilled	----
Rotary Total Depth	640	401

JUL 28 2003

CONSOLIDATED OIL WELL SERVICES, INC.  
211 W. 14TH STREET, CHANUTE, KS 66720  
620-431-9210 OR 800-467-8676

CONSERVATION DIVISION  
WICHITA, KS

TICKET NUMBER 23091

LOCATION *Ottawa, Mo.*

TREATMENT REPORT

FOREMAN *Jim Green*

*2 of 2 wells*

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
5-22-02	16673	Sears #10-2		2	16	24	MT	
CHARGE TO <i>Osborn Energy LLC</i>				OWNER				
MAILING ADDRESS <i>24850 Farley</i>				OPERATOR				
CITY <i>Buynus</i>				CONTRACTOR <i>KS Glaze</i>				
STATE <i>KS</i> ZIP CODE <i>66013</i>				DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION <i>1:45 PM</i>				TIME LEFT LOCATION <i>4:30 PM</i>				

WELL DATA	
HOLE SIZE	<i>7 7/8" 640'</i>
TOTAL DEPTH	
CASING SIZE	<i>5 1/2" 512'</i>
CASING DEPTH	
CASING WEIGHT	
CASING CONDITION	
TUBING SIZE	
TUBING DEPTH	
TUBING WEIGHT	
TUBING CONDITION	
PACKER DEPTH	
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		

INSTRUCTION PRIOR TO JOB

*389 PULG, 368 DTBZ, 221 JAC MK, 195 BT ML & CR.*

JOB SUMMARY

DESCRIPTION OF JOB EVENTS *Wash down 210' 1" Mix and pump 1 1/2 gal to flush hole. Mixed and pump 2850 4960 POC mix cement with 275 gal. Circulated cement to surface. Pull 1" out. Mix and pump 5.5H to top outside to surface.*

*Used 83 sacs 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	

AUTHORIZATION TO PROCEED

TITLE

DATE

ALL THE TERMS AND CONDITIONS STATED ON THE REVERSE SIDE ARE INCORPORATED AS PART OF THIS SALE.