

1/07/05

Form ACO-1  
September 1999  
Form Must Be Typed

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

ORIGINAL

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: Susie Glaze dba Glaze Drilling Co.  
License: 5885  
Wellsite Geologist: (s) Rex Ashlock  
Designate Type of Completion:  
☒ New Well ☐ Re-Entry ☐ Workover  
☐ Oil ☐ SWD ☐ SIOW ☐ 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. \_\_\_\_\_  
4/27/2001 4/30/2001 10/23/2001  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

API No. 15 - 121-27573-0000  
County: Miami (N 38° 38.484', W 94° 40.642')  
S/2-NE-NE-SE Sec. 19 Twp. 16 S. R. 25 ☒ East ☐ West  
2145 feet from S N (circle one) Line of Section  
330 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 #: 4-19  
Field Name: Louisburg  
Producing Formation: (s) Rowe, Upper & Lower Neutral Coals  
Elevation: Ground: 1085 Kelly Bushing: -----  
Total Depth: 978 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 979  
feet depth to surface w/ 190 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.

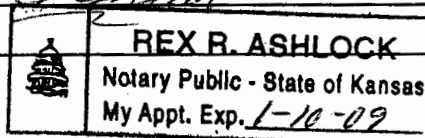
Signature: [Signature]  
For Osborn Energy, L.L.C. Date: 1/13/05

Subscribed and sworn to before me this 13 day of January

20 05

Notary Public: [Signature]

Date Commission Expires: \_\_\_\_\_



**KCC Office Use ONLY**

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

56414

Side Two

Operator Name: Osborn Energy, L.L.C. Lease Name: Sanders Well #: 4-19  
 Sec. 19 Twp. 16 S. R. 25 ☒ 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 (sent w/ this ACO-1)

☒ 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 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             | 20'           | Portland       | 5            | None                                    |
| Production        | 8 3/4"            | 7.0"                      | 17.00             | 979'          | Class "A"      | 190          | 1% Gel.<br>1/2#/sx Flo-Seal<br>2% CaCl2 |

### 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<br>Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record<br>(Amount and Kind of Material Used) | Depth   |
|----------------|---|---|---------|
| 3              | 858-860   | 28 gal. 28% HCl acid  |         |
| 3              | 865-868   | 55 sx 20/40 frac sand   | 858-874 |
| 3              | 871-874   | 86 sx 12/20 frac sand   |         |
|                |   | 1526 BBI formation water  |         |

| TUBING RECORD  | Size Set At                      | Packer At                | Liner Run   |
|--|----------------------------------|--------------------------|---|
|  | 2 7/8" set at 945' +/-           | None                     | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |
| Date of First, Resumed Production, SWD or Enhr.<br>Waiting on gas line | Producing Method<br>To be pumped | Flowing                  | Pumping   |
| Estimated Production Per 24 Hours                                      | Oil Bbls.<br>None                | Gas Mcf<br>Tstd 40 MCFPD | Water Bbls.<br>Tstd 148 BBI/day                                     |
|  |                                  | Gas-Oil Ratio            | Gravity<br>No Oil   |

Disposition of Gas

METHOD OF COMPLETION

Production Interval

☐ Vented ☒ Sold ☐ Used on Lease

Open Hole

☒ Perf.

Dually Comp.

☒ Commingled

858-860 865-868

To be sold when gas line in place

☒ Other (Specify) SIGW

871-874