

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

Operator: License # 32811
Name: Osage Resources, L.L.C.
Address: 1605 E. 56th Avenue
City/State/Zip: Hutchinson, Kansas 67502
Purchaser: EOTT
Operator Contact Person: Benjamin W. Crouch
Phone: (620) 664-9622
Contractor: Name: Well Refined Drilling, Inc.
License: 32871
Wellsite Geologist: Mike Ebers
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: NA
Well Name: Lundgren 28-44 Osage # 1
Original Comp. Date: 8-20-2003 Original Total Depth: 1834'
 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. _____
6-13-03 6-20-03 8-20-03
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

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API No. 15 - 031219630000
County: Coffey
SE SE Sec. 1 Twp. 22 S. R. 13 East West
740 feet from (S) N (circle one) Line of Section
340 feet from (E) W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW
Lease Name: Osage Well #: 1
Field Name: Big Creek
Producing Formation: Cherokee
Elevation: Ground: 1135.5 Kelly Bushing: 1135.5
Total Depth: 1834' Plug Back Total Depth: 1829'
Amount of Surface Pipe Set and Cemented at 998' 8 5/8" Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 1834'
feet depth to surface GL w/ 500 sx crnt.
Drilling Fluid Management Plan ALTI VHM 2-14-07
(Data must be collected from the Reserve Pit)
Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used _____
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: Benjamin W. Crouch
Title: Managing Member Date: 10-9-03
Subscribed and sworn to before me this 9TH day of OCTOBER,
19 2003.
Notary Public: Quentin J. Richert
Date Commission Expires: 12-2-05

Quentin J. Richert
State of Kansas
NOTARY PUBLIC
My Appt. Exp. 12-2-05

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

Operator Name: Osage Resources, L.L.C. Lease Name: Osage Well #: 1
 Sec. 1 Twp. 22 S. R. 13 East West County: Coffey

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:

CBL, GR/Neutron.

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| Log Formation | Top | Datum |
|-----------------|------|-------|
| Kansas City | 176 | MSL |
| Stark | 89 | MSL |
| Hushpuckney | 89 | MSL |
| BKC | 40 | MSL |
| South Mound | -95 | MSL |
| Mulberry | -143 | MSL |
| Esplanade | -200 | MSL |
| Little Osage | -249 | MSL |
| Blackjack Creek | -253 | MSL |
| Mulby | -280 | MSL |
| Squirrel | -293 | MSL |
| Bowler | -346 | MSL |
| Vedolignis | -349 | MSL |
| V Shale | -361 | MSL |
| Croweburg | -365 | MSL |
| Flaming | -379 | MSL |
| Mineral | -401 | MSL |
| Scammon | -408 | MSL |
| Wak-Pittsburg | -442 | MSL |
| Sedalia | -478 | MSL |
| Dry Wood | -510 | MSL |
| Rowe | -580 | MSL |
| Neutral | -515 | MSL |
| AW | -628 | MSL |
| CW | -636 | MSL |
| Riverton | -646 | MSL |
| Mississippi | -662 | MSL |

| 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 | 12 1/4" | 8 5/8" | 23# | 998' | Lite/Class A | 500 | 2% gel & 3%CC |
| Production | 7 7/8" | 5 1/2" | 14# | 1829' | 100sks50/50POZ+145sks Lite | 305 | 3% 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 Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) | | Depth |
|----------------|---|---|------|------------|
| | | Amount | Kind | |
| 4 | 1386-1390, 1396-1399 | 100 gal HCL, 100 Sacks sand | | 1386-1399' |
| 4 | 1497-1504, 1513-1518 | 100 gal HCL, 112 Sacks Sand | | 1497-1518' |
| 4 | 1772-1774, 1784-1786, 1791-1792 | 100 gal HCL, 84 Sacks Sand | | 1772-1792' |

| TUBING RECORD | | Size | Set At | Packer At | Liner Run | Yes | No |
|---|-----------|---------|------------------|---|-----------|-------------------------------------|--------------------------|
| | | 2 3/8 | 1790' | NA | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Date of First, Resumed Production, SWD or Enhr. | | | Producing Method | | | | |
| | | | Flowing | <input checked="" type="checkbox"/> Pumping | Gas Lift | Other (Explain) | |
| Estimated Production Per 24 Hours | Oil Bbls. | Gas Mcf | Water Bbls. | Gas-Oil Ratio | Gravity | | |
| 0 | 0 | 158 | NA | NA | NA | | |

Disposition of Gas Vented Sold Used on Lease (If vented, Sumit ACO-18.)

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled

Production Interval Other (Specify) _____

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TIGHT HOLE

300-704-6100
701-815-121-4720
1010 W. 1st Street • El Dorado, KS 67042

OSMA No. 10074
Operator: _____
Amt. _____ Sks Yield _____ ft/sk Density _____

District _____ Ticket No. _____
Rig _____
Well No. _____
County _____ State _____
Location _____ Field _____

CASING DATA: PTA Squeeze Acid Mini Frac
 Surface Intermediate Production Liner
Size 5.000 Type N801 Weight 20 Collar _____

LEAD: Pump Time _____ hrs. Type _____
WATER 300 + 1/4" FC SEAL Excess _____
Amt. 400 Sks Yield 1.94 ft/sk Density 12.7 PPG
TAIL: Pump Time _____ hrs. Type CLASS A
300 - 2000 - 1/4" FC - SEAL Excess _____
Amt. 100 Sks Yield 1.31 ft/sk Density 15.2 PPG
WATER: Lead 9.9 gals/sk Tail 5.2 gals/sk Total 149.79 Bbls

Casing Depths: Top _____ Bottom 998'

Acid Type _____
Pump Truck Used P14
Bulk Equipment B-1 - 83 - B-7

Drill Pipe: Size _____ Weight _____ Collars _____
Open Hole: Size _____ T.D. _____ ft. P.B. to _____ ft.

Float Equip: Manufacturer IND. RUBBER
Shoe: Type OPEN ENDED Depth 998
Float: Type AFCU INSERT Depth 980
Centralizers: Quantity 5 Plugs Top 1 Btm. _____
Stage Collars _____
Special Equip. 3 BASKETS
Disp. Fluid Type _____ Amt. _____ Bbls. Weight _____ PPG
Flush Type _____ Weight _____ PPG

CAPACITY FACTORS:

Casing: Bbls/Lin. ft. 1.652 Lin. ft./Bbl. 15.3
Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
Annulus: Bbls/Lin. ft. 1.0735 Lin. ft./Bbl. 13.6
Tubing: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
Perforations: From _____ ft. to _____ ft. Amt. _____
Packer Setting: _____ B-Plug Depth _____

COMPANY REPRESENTATIVE BEN CRITCH

CEMENTER/TREATER NEAL KUPP

| TIME AM / PM | PRESSURES PSI | | FLUID PUMPED DATA | | | REMARKS |
|-----------------|----------------------|---------|-------------------|---------------------------|-------------------|--|
| | DRILL PIPE CASING | ANNULUS | TOTAL FLUID | Pumped Per Time Period | RATE Bbls Min. | |
| 1:00A | | | | | | START 85/8 OSG. |
| 2:15 | | | | | | PIPE ON BOTTOM DROP BALL |
| 2:45 | | | | | | PUMP BALL THROUGH + CIRCULATE |
| 3:15 | | | | | | START FRESH W20 FLUSH |
| | 300 | | | 5.0 | 3.5 | START LEAD |
| | 100 | | 540 | 49.0 | 3.5 | 150 SK MIXED RETURNS SLOW DOWN |
| | 200 | | 78.75 | 24.75 | 3.5 | 275 SK MIXED GOOD RETURNS |
| | 250 | | 131.0 | 57.25 | 3.5 | LEAD IN - START TAIL CEMENT RETURNS |
| 3:59 | 0 | | 165 | 79.0 | 3.5 | TAIL IN - SHUT DOWN |
| | | | | | | WASH OUT PUMP & LINE |
| 4:01 | 400 | | | | 4.7 | START DROP |
| | 500 | | | 45 | 4.7 | PSI UP - GOOD CEMENT RETURNS |
| | 650 | | 60 | 15 | 2.25 | SLOW RATE - FINAL DROP PSI |
| | 690 | | 64 | 4 | 2.25 | OSG CAP PUMPED |
| 4:20 | 500 | | 66 | 2 | 2.25 | SHUT DOWN DTD NOT LAND PLUG |
| 4:25 | | | | | | SHUT IN - JOB COMPLETE |
| | | | | | | CIRCULATED AFX 200SK CEMENT PERFECT HOLE! |

Pressure _____ PSI BUMP PLUG TO _____ PSI BLEEDBACK _____ RBLS.
_____ PSI 5 MIN _____ PSI 10 MIN _____ PSI 15 MIN _____ PSI

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TIGHT HOLE

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CEMENT DATA

0107 201-1103
0107 10-821-4720
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0107 10-821-4720
0107 10-821-4720
0107 10-821-4720
0107 10-821-4720

Species Type
Date
Ske Yield
ft/sk Density

Tricket No.
RIG
Vial No.
Stand
Field

Hour Pump Time
hrs. Type
ft/sk Density

Ant. Sks Yield ft/sk Density PPG

TAIL Pump Time hrs. Type
ft/sk Density

Ant. Sks Yield ft/sk Density
WATER: load gals/sk Tail gals/sk Tail

Acid Type

Pump Truck Used

BLM: Equipment

Flow Equip: Manufacture

Shut type

From Type

Centrifizers: Quantity Plugs Top Sun.

Stage Collars

Special Equip.

Prep. Fluid Type

Plug Type

PTA Sulfate Acid Mini-Frac
Surface Intermetallics
Type Weight

Depth Top Bottom

Pipe Size Weight Collars
Well Size to P.S. to ft.

Table with columns for length, lin. ft./bbl., and other specifications for various materials.

CEMENT DATA

CEMENT/WATER

Main data table with columns: AM/Per, PRESSURE (PSI), DRILL PIPE CASING, ANNULUS, FLUID PUMPED DATA (TOTAL FLUID, Pumped Per Time Period, RATE Bbl/s Min.), and REMARKS.

COPY