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KCC WICHITA

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: Three Rivers Exploration, L.L.C.  
License: 33217  
Wellsite Geologist: Jim Musgrove

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: \_\_\_\_\_

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. \_\_\_\_\_

1/12/2005 1/15/2005 5/12/2005  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

API No. 15 - 031220740000

County: Coffey

NE SE NE Sec. 31 Twp. 21 S. R. 14  East  West

1680 feet from S (N) (circle one) Line of Section

334 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 #: 36

Field Name: Big Creek

Producing Formation: Cherokee Coals

Elevation: Ground: 1135 Kelly Bushing: 1140

Total Depth: 1797 Plug Back Total Depth: 1785

Amount of Surface Pipe Set and Cemented at 41' 8 5/8" Circ. Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from 1797

feet depth to surface GL w/ 475 sx cmt.

Drilling Fluid Management Plan A14 11 NCR 8-8-08  
(Data must be collected from the Reserve Pit)

Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls

Dewatering method used \_\_\_\_\_

Location of fluid disposal if hauled offsite: **CONFIDENTIAL**

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.

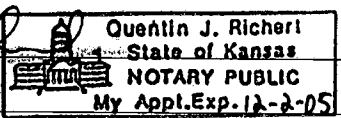
Signature: Benjamin W. Crouch

Title: Managing Member Date: 06/08/2005

Subscribed and sworn to before me this 8TH day of JUNE,  
19 2005

Notary Public: Quentin J. Richert

Date Commission Expires: 12-2-05



**KCC Office Use ONLY**  
YES Letter of Confidentiality Attached  
If Denied, Yes  Date: 6-15-05  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

Operator Name: Osage Resources, L.L.C. Lease Name: Osage Well #: 36  
 Sec. 31 Twp. 21 S. R. 14  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:

Density/Neutron, Induction, micro log

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Log Formation	Top	Datum
Kansas City	438	MSL
Stark	104	MSL
Huapuckney	75	MSL
BKC	57	MSL
South Mound	-73	MSL
Mulberry	-121	MSL
Evglevato	-189	MSL
Little Osage	-228	MSL
Blackjack Creek	-232	MSL
Mulky	-238	MSL
Squirrel	-251	MSL
Sawier	NA	MSL
Verdigris	NA	MSL
V Shale	NA	MSL
Croweburg	-332	MSL
Fleming	-343	MSL
Mineral	-373	MSL
Scammon	-391	MSL
Weir-Pittsburg	-404	MSL
Seville	-425	MSL
Dry Wood	-454	MSL
Rowe	-556	MSL
Neutral	-571	MSL
AW	-581	MSL
CIV	-586	MSL
Riverton	-600	MSL
Mississippian	-612	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"	20#	41'	Class A	40	3% CC
Production	7 7/8"	5 1/2"	14#	1796	50/50 Poz & Thickset	475	gel/flow seal/salt

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				<b>CONFIDENTIAL</b>

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	
3	1467-69,1478-1481,1508-11,1527-30,1539-42,1560-62		1900 gal HCL, 435 Sks Sand	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8	1695	NA	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>

Date of First, Resumed Production, SWD or Enhr.	Producing Method			
5/12/2005	Flowing <input type="checkbox"/>	Pumping <input checked="" type="checkbox"/>	Gas Lift <input type="checkbox"/>	Other (Explain) <input type="checkbox"/>

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0	0	100	NA	NA

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) \_\_\_\_\_





# United Cementing and Acid Co., Inc.

316-321-4680 • 800-794-0187  
 FAX 316-321-4720  
 2510 W. 6th Street • El Dorado, KS 67042

## ACID / CEMENTING LOG

Date 1-15-05 District \_\_\_\_\_ Ticket No. 6064  
 Company Osage Rec. Rig Farming Drg  
 Lease Osage Well No. 36  
 County Coffey State Ks  
 Location Lamont to C.L. n to 11th, 3E, 1/2 S, W 1/4 Field \_\_\_\_\_

CASING DATA:  PTA  Squeeze  Acid  Mini Frac  
 Surface  Intermediate  Production  Liner  
 Size 5 1/2 Type new Weight 14 Collar Long

Casing Depths: Top 41ft. 8 3/4" Bottom 1796 ft 5 1/2"

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

CAPACITY FACTORS:

Casing: Bbls/Lin. ft. .0244 Lin. ft./Bbl. 40.98  
 Open Holes: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Drill Pipe: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Annulus: Bbls/Lin. ft. .0308 Lin. ft./Bbl. 32.46  
 Tubing: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Perforations: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Amt. \_\_\_\_\_  
 Packer Setting: \_\_\_\_\_ B-Plug Depth \_\_\_\_\_

CEMENT DATA:  
 Spacer Type: \_\_\_\_\_  
 Amt. \_\_\_\_\_ Skys Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG \_\_\_\_\_

LEAD: Pump Time \_\_\_\_\_ hrs. Type Lite-Water  
(65:35:6) K<sup>+</sup> Flo-Seal Excess \_\_\_\_\_  
 Amt. 250 Skys Yield 1.84 ft<sup>3</sup>/sk Density 12.7 PPG \_\_\_\_\_

TAIL: Pump Time \_\_\_\_\_ hrs. Type 50:50:2  
10% salt - 5<sup>th</sup> Kol-Seal/5<sup>th</sup> Excess \_\_\_\_\_  
 Amt. 200 Skys Yield 1.35 ft<sup>3</sup>/sk Density 14.2 PPG \_\_\_\_\_

WATER: Lead 9.9 gals/sk Tail 57 gals/sk Total 86 Bbls

Acid Type \_\_\_\_\_  
 Pump Truck Used P-14  
 Bulk Equipment B-1, B-7

Floater Equip: Manufacturer Industrial Rubber  
 Shoe: Type Auto Float Depth 1796ft.  
 Floater: Type \_\_\_\_\_ Depth \_\_\_\_\_  
 Centralizers: Quantity 5 Plugs Top 1 Btm. \_\_\_\_\_  
 Stage Collars \_\_\_\_\_  
 Special Equip. 4 Baskets  
 Disp. Fluid Type Fresh Amt. 44 Bbls. Weight 8.3 PPG  
 Flush Type \_\_\_\_\_ Weight \_\_\_\_\_ PPG \_\_\_\_\_

### COMPANY REPRESENTATIVE

CEMENTER/TREATER James K Thomas

TIME AM / PM	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
9:00ft	100				4.0	Ran Casing Circuit. Landing Joint Down Tag Bottom + Set at 1796ft. Rig up to casing with Plug Cont + Circ. Start Lead Slurry
	400			44.0	4.0	Lead at Shoe 1335x MIXED
	500			38	4.0	Lead in - Start Tail
	500		126	44	4.0	TAIL @ Shoe 1835x MIXED
9:12	0		130	4		TAIL IN SHUT DOWN
9:15	500				4.0	WASH OUT PUMP + LINES - RELEASE PLUG
	700			15.0	3.5	START DISP
	800		43	28.0	3.0	CIRCULATE CEMENT TO SURFACE
9:30	1250		44	1.0		FINAL DISP PSI Bump Plug RELEASE PSI - Float Shoe Held
						CIRCULATED APX. 885x TO SURFACE

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FINAL DISP. PRESS: 800 PSI BUMP PLUG TO 250 PSI BLEEDBACK 1/4 BBLs.  
 ISIP \_\_\_\_\_ PSI 5 MIN \_\_\_\_\_ PSI 10 MIN \_\_\_\_\_ PSI 15 MIN \_\_\_\_\_ PSI