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JUN 2005

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: ~~NA~~  
Well Name: ~~Osage No. 27~~  
Original Comp. Date: ~~4/6/2005~~ Original Total Depth: ~~1849~~  
 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. \_\_\_\_\_

12/8/2005      12/12/2005      4/6/2005  
Spud Date or      Date Reached TD      Completion Date or  
Recompletion Date                Recompletion Date

API No. 15 - 031220570000  
County: Coffey  
NE SW NE SW Sec. 1 Twp. 22 S. R. 13  East  West  
3493 feet from S  (circle one) Line of Section  
1808 feet from E  (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW  SW  
Lease Name: Osage Well #: 27  
Field Name: Big Creek  
Producing Formation: Cherokee Coals  
Elevation: Ground: 1133 Kelly Bushing: 1138  
Total Depth: 1849 Plug Back Total Depth: 1842  
Amount of Surface Pipe Set and Cemented at 40' 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 1842  
feet depth to surface GL w/ 475 sx cmt.

Drilling Fluid Management Plan AH II NCR 8-7-08  
(Data must be collected from the Reserve Pit)

Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls  
Dewatering method used \_\_\_\_\_  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_ East West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

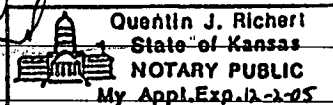
**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information 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: 5/10/2005

Subscribed and sworn to before me this 10TH day of MAY,  
19 2005.

Notary Public: Quentin J. Richert  
Date Commission Expires: 12-2-05



**KCC Office Use ONLY**  
 Letter of Confidentiality Attached  
If Denied, Yes  Date: 6-9-05  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

Operator Name: Osage Resources, L.L.C. Lease Name: Osage Well #: 27  
 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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run:  Density/Neutron, Induction, CBL, GR/N	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Log Formation</th> <th style="text-align: right;">Top</th> <th style="text-align: right;">Datum</th> </tr> </thead> <tbody> <tr><td>Kansas City</td><td style="text-align: right;">371</td><td style="text-align: right;">MSL</td></tr> <tr><td>Stark</td><td style="text-align: right;">55</td><td style="text-align: right;">MSL</td></tr> <tr><td>Hushpuckney</td><td style="text-align: right;">24</td><td style="text-align: right;">MSL</td></tr> <tr><td>BKC</td><td style="text-align: right;">6</td><td style="text-align: right;">MSL</td></tr> <tr><td>South Mound</td><td style="text-align: right;">-131</td><td style="text-align: right;">MSL</td></tr> <tr><td>Mulberry</td><td style="text-align: right;">-179</td><td style="text-align: right;">MSL</td></tr> <tr><td>Evglovate</td><td style="text-align: right;">-247</td><td style="text-align: right;">MSL</td></tr> <tr><td>Little Osage</td><td style="text-align: right;">-286</td><td style="text-align: right;">MSL</td></tr> <tr><td>Blackjack Creek</td><td style="text-align: right;">-289</td><td style="text-align: right;">MSL</td></tr> <tr><td>Mulky</td><td style="text-align: right;">-293</td><td style="text-align: right;">MSL</td></tr> <tr><td>Squirrel</td><td style="text-align: right;">-303</td><td style="text-align: right;">MSL</td></tr> <tr><td>Bevier</td><td style="text-align: right;">NA</td><td style="text-align: right;">MSL</td></tr> <tr><td>Verdigris</td><td style="text-align: right;">NA</td><td style="text-align: right;">MSL</td></tr> <tr><td>V Shale</td><td style="text-align: right;">NA</td><td style="text-align: right;">MSL</td></tr> <tr><td>Crowdsburg</td><td style="text-align: right;">-395</td><td style="text-align: right;">MSL</td></tr> <tr><td>Fleming</td><td style="text-align: right;">-405</td><td style="text-align: right;">MSL</td></tr> <tr><td>Mineral</td><td style="text-align: right;">-437</td><td style="text-align: right;">MSL</td></tr> <tr><td>Scammon</td><td style="text-align: right;">-458</td><td style="text-align: right;">MSL</td></tr> <tr><td>Well-Pittsburg</td><td style="text-align: right;">-471</td><td style="text-align: right;">MSL</td></tr> <tr><td>Saville</td><td style="text-align: right;">-497</td><td style="text-align: right;">MSL</td></tr> <tr><td>Dry Wood</td><td style="text-align: right;">-531</td><td style="text-align: right;">MSL</td></tr> <tr><td>Rowa</td><td style="text-align: right;">-612</td><td style="text-align: right;">MSL</td></tr> <tr><td>Neutral</td><td style="text-align: right;">-631</td><td style="text-align: right;">MSL</td></tr> <tr><td>AW</td><td style="text-align: right;">-641</td><td style="text-align: right;">MSL</td></tr> <tr><td>CW</td><td style="text-align: right;">-650</td><td style="text-align: right;">MSL</td></tr> <tr><td>Riverton</td><td style="text-align: right;">-658</td><td style="text-align: right;">MSL</td></tr> <tr><td>Mississippian</td><td style="text-align: right;">-694</td><td style="text-align: right;">MSL</td></tr> </tbody> </table>	Log Formation	Top	Datum	Kansas City	371	MSL	Stark	55	MSL	Hushpuckney	24	MSL	BKC	6	MSL	South Mound	-131	MSL	Mulberry	-179	MSL	Evglovate	-247	MSL	Little Osage	-286	MSL	Blackjack Creek	-289	MSL	Mulky	-293	MSL	Squirrel	-303	MSL	Bevier	NA	MSL	Verdigris	NA	MSL	V Shale	NA	MSL	Crowdsburg	-395	MSL	Fleming	-405	MSL	Mineral	-437	MSL	Scammon	-458	MSL	Well-Pittsburg	-471	MSL	Saville	-497	MSL	Dry Wood	-531	MSL	Rowa	-612	MSL	Neutral	-631	MSL	AW	-641	MSL	CW	-650	MSL	Riverton	-658	MSL	Mississippian	-694	MSL
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CASING RECORD <span style="float: right;">New    Used</span>							
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#	40'	Class A	35	3%CC
Production	7 7/8"	5 1/2"	14#	1842	475 sks lite & 50/50 Poz	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				

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
3	1528-30,1538-40,1570-72,1590-92,1604-1605,1630-34	1000 gal HCL, 29700# sand	1528-1634

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TUBING RECORD		Size	Set At	Packer At	Liner Run	Yes	<input checked="" type="checkbox"/> No
		2 3/8	1787	NA			
Date of First, Resumed Production, SWD or Enhr.		Producing Method					
5/2005		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	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.

64464

## SERVICE TICKET

6021

Oil Well Cementing & Acidizing  
 (316) 321-4680 • 800-794-0187 • FAX (316) 321-4720  
 2510 West 6th Street • El Dorado, KS 67042

DATE 12-11-04

COUNTY Coffey CITY \_\_\_\_\_

CHARGE TO OSAGE RES

ADDRESS \_\_\_\_\_ CITY \_\_\_\_\_ ST \_\_\_\_\_ ZIP \_\_\_\_\_

LEASE & WELL NO. OSAGE # 27 CONTRACTOR FARTHING DRIP

KIND OF JOB PRODUCTION CASING SEC. \_\_\_\_\_ TWP. \_\_\_\_\_ RNG. \_\_\_\_\_

DIR. TO LOC. LAMOUNT S TO CL - N/10<sup>th</sup> - 12-1/2 N OLD NEW

Quantity	MATERIAL USED	Serv. Charge
		675.00
250 5x	LITZ WATER @ 4.45 DL	1237.50
200 5x	50/50 POZ @ 4.55 DL	910.00
4 5x	GEL @ 9.70	38.80
1000 lb	SALT @ 9.00 cwt.	90.00
1000 lb	KOL-SEAL @ 4 DL #	400.00
62 lb	FLO-SEAL @ 1.30 #	80.10
475 5x	BULK CHARGE	4105.50
30	BULK TRK. MILES 23.75 @ 1.00	520.13
30	PUMP TRK. MILES	61.50
	PLUGS	
		SALES TAX 198.35
		TOTAL 41077.38

T.D. 1843

CSG. SET AT 1842 VOLUME \_\_\_\_\_

SIZE HOLE 7 7/8

TBG SET AT \_\_\_\_\_ VOLUME \_\_\_\_\_

MAX. PRESS. 1500

SIZE PIPE 5 1/2 NEW 15.5

PLUG DEPTH 1842

PKER DEPTH \_\_\_\_\_

PLUG USED Top Rubber

TIME ON LOCATION 3:00<sup>A</sup> TIME FINISHED 8:30<sup>A</sup>

REMARKS: \_\_\_\_\_

SEE CEMENT LOG

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KCC WICHITA

COPY

### EQUIPMENT USED

NAME Tosh Cassidy UNIT NO. P10  
Ron Pitts

NAME Justin Hunter / Jilly Hudson UNIT NO. B1+3

CEMENTER OR TREATER

OWNER'S REP.



# 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 12-11-04 District \_\_\_\_\_ Ticket No. 6021  
Company OSAGE WEG Rig FERRIS  
Lease OSAGE Well No. 27  
County COTTEY State KANS  
Location \_\_\_\_\_ Field \_\_\_\_\_

### CEMENT DATA:

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

LEAD: Pump Time \_\_\_\_\_ hrs. Type DATE WATER  
(65:35:6) 1/4 # FIO-SEAL Excess \_\_\_\_\_

Amt. 2500 Sks Yield 1.94 ft<sup>3</sup>/sk Density 13.7 PPG \_\_\_\_\_

TAIL: Pump Time \_\_\_\_\_ hrs. Type 50:50:2  
10% SAL + 5# M-SAL/SK Excess \_\_\_\_\_

Amt. 200 Sks Yield 1.35 ft<sup>3</sup>/sk Density 14.2 PPG \_\_\_\_\_

WATER: Lead 9.9 gals/sk Tail 5.7 gals/sk Total 86 Bbls \_\_\_\_\_

CASING DATA:  PTA  Squeeze  Acid  Mini Frac  
 Surface  Intermediate  Production  Liner

Size 5 1/2 Type NEW Weight 15.5 Collar LONG  
1 1/2" x 7.0 SFRU

Casing Depths: Top 8519 40' Bottom 5 1/2 1842

Drill Pipe: Size \_\_\_\_\_ Weight \_\_\_\_\_ Collars \_\_\_\_\_  
Open Hole: Size 7 7/8 T.D. 1853 ft. P.B. to 1842 ft.

### CAPACITY FACTORS:

Casing: Bbls/Lin. ft. .0238 Lin. ft./Bbl. 42.01

Open Holes: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_

Drill Pipe: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_

Annulus: Bbls/Lin. ft. .0309 Lin. ft./Bbl. 32.41

Tubing: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_

Perforations: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Amt. \_\_\_\_\_

Packer Setting: \_\_\_\_\_ B-Plug Depth \_\_\_\_\_

### Acid Type

Pump Truck Used D10

Bulk Equipment B1 + 3

Float Equip: Manufacturer JAD Rubber

Shoe: Type NON-AFU FLOAT Depth 1842

Float: Type \_\_\_\_\_ Depth \_\_\_\_\_

Centralizers: Quantity 10 Plugs Top 1 Btm. \_\_\_\_\_

Stage Collars \_\_\_\_\_

Special Equip. BASKETS 7

Disp. Fluid Type FRESH H<sub>2</sub>O Amt. 44 Bbls: Weight 8.3 PPG \_\_\_\_\_

Flush Type \_\_\_\_\_ Weight \_\_\_\_\_ PPG \_\_\_\_\_

### COMPANY REPRESENTATIVE

CEMENTER/TREATER KON PETTS

TIME AM / PM	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
6:00						RUN 5 1/2 CSP TO 1800' - BREAK CIR CIR DOWN TAG BOTTOM 1842' SET PIPE @ 1842' - CIRCULATE HQS UP TO CEMENT PUMP
7:00						
7:20	100				3.25	START LEAD
	150			44.0	3.25	1335x MIXED LEAD @ SHOE (GOOD RETURNS)
	300		820	38.0	3.25	LEAD IN (2505x) START TAIL
	1000		1260	44	3.25	TAIL @ SHOE (1835x) (GOOD RETURNS)
8:00	0		1300	4		TAIL IN (2005x) - SHUT DOWN WASH OUT PUMP & LINES - RELEASE PLUG
8:05	600				5.0	START DISO
	700			2.0	5.0	CIRCULATE CEMENT TO SURFACE
	1100		42	40	3.0	FINAL DISO FOR GOOD RETURNS
8:15	1500		44.0	2.0		BUMP PLUG
8:20	0					RELEASE PLUG - SHUT IN
						CIRCULATED APX 1279x TO BIT

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FINAL DISP. PRESS: 1100 PSI BUMP PLUG TO 1500 PSI BLEEDBACK 44 BBLs.  
ISIP \_\_\_\_\_ PSI 5 MIN \_\_\_\_\_ PSI 10 MIN \_\_\_\_\_ PSI 15 MIN \_\_\_\_\_ PSI



# United Cementing and Acid Co., Inc.

10456

**SERVICE TICKET**  
5975

Oil Well Cementing & Acidizing  
(316) 321-4680 • 800-794-0187 • FAX (316) 321-4720  
2510 West 6th Street • El Dorado, KS 67042

DATE 12-9-04

COUNTY Coffey CITY \_\_\_\_\_

CHARGE TO Osage Resources

ADDRESS \_\_\_\_\_ CITY \_\_\_\_\_ ST \_\_\_\_\_ ZIP \_\_\_\_\_

LEASE & WELL NO. Osage #27 CONTRACTOR \_\_\_\_\_

KIND OF JOB Surface SEC. \_\_\_\_\_ TWP. \_\_\_\_\_ RNG. \_\_\_\_\_

DIR. TO LOC. 9th + Angus 1E 1/2 N E 1/4 OLD \_\_\_\_\_ NEW \_\_\_\_\_

Quantity	MATERIAL USED	Serv. Charge	
65 SX	Com Cement @5.97		500.09
1 SX	Calcium chloride @21.05		384.84
			21.05
66	BULK CHARGE @98¢		104.68
50	BULK TRK. MILES 3.3 (one)		120.45
50	PUMP TRK. MILES		102.50
	PLUGS		
		.0530 SALES TAX	31.02
		TOTAL	1230.70

T.D. \_\_\_\_\_

CSG. SET AT \_\_\_\_\_ VOLUME \_\_\_\_\_

SIZE HOLE \_\_\_\_\_

TBG SET AT \_\_\_\_\_ VOLUME \_\_\_\_\_

MAX. PRESS. \_\_\_\_\_

SIZE PIPE 8 5/8

PLUG DEPTH \_\_\_\_\_

PKER DEPTH 42

PLUG USED \_\_\_\_\_

TIME FINISHED \_\_\_\_\_

REMARKS: Mix 75 SX + circulated cement to surface  
displace 2 1/2 Barrels.

Mix 30 SX + Pump cement in hubs under  
tires of Rig.

**EQUIPMENT USED**

NAME Chat #14  
Kon Pittz

NAME J. P. # B-1

CEMENTER OR TREATER

OWNER'S REP.

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