

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Release Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

CONFIDENTIAL

ORIGINAL

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: Shields Oil Producers Inc.  
License: 5184  
Wellsite Geologist: James C. Musgrove

API No. 15 - 06321575  
County: Gove  
NE-SW Sec. 28 Twp. 14 S. R. 29  East  West  
1980 feet from (S) N (circle one) Line of Section  
1980 feet from E (W) (circle one) Line of Section

Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW (SW)  
Lease Name: Lundgren Well #: 28-11

If Workover/Re-entry: Old Well Info as follows:  
Operator: NA  
Well Name: Lundgren 28-11

Field Name: Lundgren East  
Producing Formation: \_\_\_\_\_  
Elevation: Ground: 2613' Kelly Bushing: 2615'  
Total Depth: 4451.5' Plug Back Total Depth: 3995'  
Amount of Surface Pipe Set and Cemented at 200' 8 5/8"  Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set 4006' Feet  
If Alternate II completion, cement circulated from 4327'  
feet depth to surface GL w/ 55sks 50/50 poz + 405sks Midcon sx cmt.

Original Comp. Date: 5-13-2003 Original Total Depth: 4451.5'  
 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. \_\_\_\_\_

Drilling Fluid Management Plan  
(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.: \_\_\_\_\_

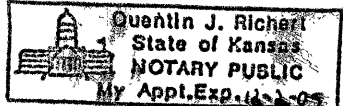
3-26-03 5-13-03 7-18-03  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

**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: 7-21-2003  
Subscribed and sworn to before me this 21 day of July,  
19 2003  
Notary Public: Quentin J. Richert  
Date Commission Expires: 12-2-05

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



CONFIDENTIAL

Side Two

KCC ORIGINAL

JUL 21 2003

Operator Name: Osage Resources, L.L.C.

Lease Name: Lundgren

Well #: 28-11

Sec. 28 Twp. 14 S. R. 29 East  West

County: Gove

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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:

Dual Induction, Sonic, Microresistivity, Dual Compensated Porosity log.

Log Name	Formation (Top), Depth and Datum	Sample Datum
Anhydrite	591	MSL
Base Anhy.	555	MSL
Howard	-779	MSL
Topeka	-816	MSL
Heebner	-1045	MSL
Toronto	-1066	MSL
Lansing	-1082	MSL
Stark Shale	-1334	MSL
Hushpuckney	-1370	MSL
BKC	-1407	MSL
Marmaton	-1434	MSL
Pawnee	-1520	MSL
Myrick Station	-1559	MSL
Ft Scott	-1591	MSL
Cherokee	-1618	MSL
Johnson Zone	-1665	MSL
Mississippian	-1691	MSL

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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#	200'	Class A	150	2% gel & 3%CC
Production	7 7/8"	5 1/2"	14#	4327'	55sks50/50POZ+405sks Midcon 2staged	460	3% CC

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	3816-3825'	28bbl Total Load, 250gal OSA, balance diesel	3816-3825'
0	Wireline set CIBP		3995' Top

TUBING RECORD		Size	Set At	Packer At	Liner Run	Yes	No
Date of First, Resumed Production, SWD or Enhr.		Producing Method					
Estimated Production Per 24 Hours		Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity	

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

METHOD OF COMPLETION:  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify)

Production Interval

Release From Confidential

# HALLIBURTON JOB SUMMARY

REGION <b>Central Operations</b>	NWA / COUNTRY <b>Mid Continent/USA</b>	SALES ORDER NUMBER <b>23796</b>	TICKET DATE <b>04/01/03</b>
MBU ID / EMPL # <b>MCL0110 / 198516</b>	H.E.S. EMPLOYEE NAME <b>JASON CLEMENS</b>	BDA / STATE <b>MC/Ks</b>	COUNTY <b>GOVE</b>
LOCATION <b>LIBERAL</b>	COMPANY <b>OSAGE RESOURCES LLC</b>	PSL DEPARTMENT <b>Cement</b>	<b>ORIGINAL</b>
TICKET AMOUNT <b>\$25,786.26</b>	WELL TYPE <b>01 Oil</b>	CUSTOMER REP / PHONE <b>BEN CROUCH</b>	
WELL LOCATION <b>GROVE</b>	DEPARTMENT <b>ZI</b>	SAP BOMB NUMBER <b>7523</b>	Cement Production Casing
LEASE NAME <b>LUNGREN</b>	Well No. <b>28-11</b>	SEC / TWP / RNG <b>28 - 14S - 29W</b>	HES FACILITY (CLOSEST TO WELL SITE) <b>LIBERAL, KS</b>

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS
<b>Clemens, A 198516</b>	18.0		
<b>Cochran, M 217398</b>	18.0		
<b>Bermen, E 267804</b>	18.0		
<b>Martinez, A 258816</b>	18.0		

H.E.S. UNIT #S / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES
<b>421269</b>	<b>300</b>		
<b>10251403</b>	<b>300</b>		
<b>10244148/10011278</b>	<b>150</b>		
<b>10010748/10011590</b>	<b>150</b>		

Form. Name \_\_\_\_\_ Type: \_\_\_\_\_  
 Form. Thickness \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
 Packer Type \_\_\_\_\_ Set At \_\_\_\_\_  
 Bottom Hole Temp. \_\_\_\_\_ Pressure \_\_\_\_\_  
 Retainer Depth \_\_\_\_\_ Total Depth \_\_\_\_\_

Date	Called Out	On Location	Job Started	Job Completed
	<b>4/1/2003</b>	<b>4/1/2003</b>	<b>4/2/2003</b>	<b>4/2/2003</b>
Time	<b>1530</b>	<b>2130</b>	<b>504</b>	<b>1500</b>

**Tools and Accessories**

Type and Size	Qty	Make
Float Collar		HES
Float Shoe		
Centralizers	<b>42</b>	
LD SET	<b>1</b>	
HEAD	<b>1</b>	
Limit clamp	<b>1</b>	
Weld-A	<b>1</b>	
Packer	<b>SHOE</b>	
	<b>MSC</b>	

**Well Data**

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	<b>N</b>	<b>15.5#</b>	<b>5 1/2'</b>		<b>0</b>	<b>4,327</b>	
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole			<b>7 7/8"</b>				Shots/Ft.
Perforations							
Perforations							
Perforations							

**Materials**

Mud Type	Density	Lb/Gal
Disp. Fluid	Density	Lb/Gal
Prop. Type	Size	Lb
Prop. Type	Size	Lb
Acid Type	Gal.	%
Acid Type	Gal.	%
Surfactant	Gal.	In
NE Agent	Gal.	In
Fluid Loss	Gal/Lb	In
Gelling Agent	Gal/Lb	In
Fric. Red.	Gal/Lb	In
Breaker	Gal/Lb	In
Blocking Agent	Gal/Lb	
Perfpac Balls	Qty.	
Other		
Other		
Other		
Other		

**Hours On Location**

Date	Hours
<b>4/1</b>	<b>2.5</b>
<b>4/2</b>	<b>15.0</b>
<b>Total</b>	<b>17.5</b>

**Operating Hours**

Date	Hours
<b>4/2</b>	<b>2.0</b>
<b>Total</b>	<b>2.0</b>

**Description of Job**  
 Cement Production Casing  
 Release  
 APR 20 2004  
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Ordered \_\_\_\_\_ Hydraulic Horsepower \_\_\_\_\_  
 Available \_\_\_\_\_ Used \_\_\_\_\_  
 Treating \_\_\_\_\_ Average Rates in BPM \_\_\_\_\_  
 Disp. \_\_\_\_\_ Overall \_\_\_\_\_  
 Feet **15** Cement Left in Pipe \_\_\_\_\_  
 Reason \_\_\_\_\_ SHOE JOINT

**Cement Data**

Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
<b>1</b>	<b>55</b>	<b>50/50 POZ PP</b>		<b>5% CALSEAL - 5# GILSONITE - 10% SALT - .5% HALAD-322</b>	<b>7.96</b>	<b>1.68</b>	<b>13.20</b>
<b>2</b>	<b>455</b>	<b>MIDCON PP</b>		<b>3% CC - 1/2# FLOCELE - .1% FWCA</b>	<b>19.82</b>	<b>3.20</b>	<b>11.10</b>
<b>3</b>	<b>25</b>	<b>MIDCON PP</b>		<b>3% CC - 1/2# FLOCELE - .1% FWCA (TO PLUG RAT &amp; MOUSE HOLES)</b>	<b>19.82</b>	<b>3.20</b>	<b>11.10</b>
<b>4</b>							

**Summary**

Circulating Breakdown	Displacement	Preflush: BBI	<b>10.00</b>	Type: MUDFLUSH
Lost Returns	MAXIMUM	Load & Bkdn: Gal - BBI		Pad: Bbl - Gal
Cmt Rtrn#Bbl	Lost Returns	Excess /Return BBI		Calc. Disp Bbl
Average	Actual TOC	Calc. TOC:		Actual Disp. <b>103</b>
Shut In: Instant	Frac. Gradient	Treatment: Gal - BBI		Disp: Bbl
	5 Min. _____ 15 Min. _____	Cement Slurry BBI	<b>290.0</b>	
		Total Volume BBI	<b>403.00</b>	

Frac Ring #1 \_\_\_\_\_ | Frac Ring #2 \_\_\_\_\_ | Frac Ring #3 \_\_\_\_\_ | Frac Ring #4 \_\_\_\_\_

THE INFORMATION STATED HEREIN IS CORRECT  
 CUSTOMER REPRESENTATIVE \_\_\_\_\_  
 Signature: *Burton Beery*  
 SIGNATURE

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<b>HALLIBURTON JOB LOG</b>		TICKET # <b>2370696</b>	TICKET DATE <b>04/01/03</b>
REGION <b>Central Operations</b>	M/W / COUNTRY <b>Mid Continent/USA</b>	BDA / STATE <b>MC/Ks</b>	COUNTY <b>GOVE</b>
WBU ID / EMPL # <b>MCLI 0110 / 198516</b>	H.E.S. EMPLOYEE NAME <b>JASON CLEMENS</b>	PSL DEPARTMENT <b>Cement</b>	
LOCATION <b>LIBERAL</b>	COMPANY <b>OSAGE RESOURCES LLC</b>	CUSTOMER REP / PHONE <b>BEN CROUCH</b>	<b>1-620-242-4825</b>
TICKET AMOUNT <b>\$25,786.26</b>	WELL TYPE <b>01 Oil</b>	API/UMI #	
WELL LOCATION <b>GROVE</b>	DEPARTMENT <b>ZI</b>	JOB PURPOSE CODE <b>Cement Production Casing</b>	
LEASE NAME <b>LUNGREN</b>	Well No. <b>28-11</b>	SEC / TWP / RNG <b>28 - 14S - 29W</b>	FIES FACILITY (CLOSEST TO WELL S) <b>LIBERAL, KS</b>

HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS
Clemens, A 198516	18						
Cochran, M 217398	18						
Bermen, E 267804	18						
Martinez, A 258816	18						

Chart No.	Time	Rate (BPM)	Volume (BBL)(GAL)	Rate		Press.(PSI)		Job Description / Remarks
				N2	CSG.	Tbg		
4-1-03	2000							ARRIVE ON LOCATION
	2100							PRE JOB SAFETY MEETING
	2130							SPOT EQUIPMENT D.V. TOOL @ 4006 FT.
4-2-03	1230							START F.E.
	345							CASING ON BOTTOM / CIR WITH RIG
	504				2500			PRESSURE TEST
	514				1300			SET PACKER SHOE
	514	4.0	12.0		100			START MUDFLUSH SPACER
	520	6.0	17.0		200			START CEMENT 55 SKS @ 13.2#
	524	6.0	17.0		100			END CEMENT
	525							WASH LINES
	527							DROP PLUG
	527	4.0	10.0		50			START DISPLACEMENT W/ FRESH WATER
	530	7.0	92.0		200			START DISPLACEMENT W/ MUD
	531	6.0	10.0		225			CAUGHT CEMENT
	542	2.0	92.0		50			SLOW RATE
	547	2.0	102.0		1500			LAND PLUG
	550							DROP OPENING BOMB
600				750			OPEN TOOL	
603							CIRCULATE W/ RIG PUMPS FOR 8 HRS.	
1354	4.0	5.0		100			START SPACER	
1355	6.0	259.0		100			START CEMENT 455 SKS @ 11.1#	
1435	6.0	259.0		300			END CEMENT	
1436							WASH LINES	
1437							DROP CLOSING PLUG	
1439	7.0	95.0		300			START DISPLACEMENT W/ FRESH WATER	
1440	6.0	10.0		350			CAUGHT CEMENT	
1448	2.0	85.0		600			SLOW RATE	
1501	2.0	95.0		2000			LAND PLUG	
1502							END JOB	
							CIRCULATED 90 BBLs TO PIT ✓	

TIGHT HOLE

Release

AUG 30 2003

FROM

Operator



CHARGE TO: *Osage Resources*  
 ADDRESS:  
 CITY, STATE, ZIP CODE:

TICKET No 5401

PAGE 1 OF

CONFIDENTIAL

1. SERVICE LOCATIONS <i>Hays, Ks.</i>	WELL/PROJECT NO. <i>28-11</i>	LEASE <i>Lundgren</i>	COUNTY/PARISH <i>Cove</i>	STATE <i>Ks.</i>	CITY	DATE <i>3-25-03</i>	OWNER <i>Same</i>
2. TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <i>Shields Drilling Co.</i>	RIG NAME/NO.	SHIPPED VIA <i>OT</i>	DELIVERED TO <i>Location</i>	ORDER NO.		
3. WELL TYPE <i>Oil</i>	WELL CATEGORY <i>Development</i>	JOB PURPOSE <i>Cont. 2 5/8" Surface Csg.</i>	WELL PERMIT NO.	WELL LOCATION			
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF		QTY.	UM	QTY.	UM	
575		1			MILEAGE #103	70	mil	2	50	175
576		1			Pump Service	1	ea	550	100	550
410		1			Top Plug	1	ea	60	10	60
581		1			Service Charge	150	sk	1	00	150
583		1			Drayage	515.2	TON mils		85	437
325		1			Standard Cement	150	sk	7	00	1050
279		1			Bentonite	3	sk	11	00	33
278		1			Calcium Chloride	4	sk	25	00	100

TIGHT HOLE

COPY

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JUL 24 2003  
KCC WICHTA

CONFIDENTIAL  
JUL 21 2003  
KCC

**LEGAL TERMS:** Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

x *Burton Beery*  
 DATE SIGNED: TIME SIGNED:  A.M.  P.M.

REMIT PAYMENT TO:  
 SWIFT SERVICES, INC.  
 P.O. BOX 466  
 NESS CITY, KS 67560  
 785-798-2300

SURVEY	AGREE	UNDECIDED	DISAGREE
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?			
WE UNDERSTOOD AND MET YOUR NEEDS?			
OUR SERVICE WAS PERFORMED WITHOUT DELAY?			
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND			

PAGE TOTAL	2,555
TAX	65
TOTAL	2621

ORIGINAL

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR: *Ray B. Lyland* APPROVAL:

Thank You!

**CONFIDENTIAL**

SWIFT Services, Inc.

**ORIGINAL**

DATE 3-25-03 PAGE NO.

CUSTOMER *Osage Res.* WELL NO. *22-11* LEASE *Lundgreen* JOB TYPE *Surface* TICKET NO. *5401*

CHART NO.	TIME	RATE (BPM)	VOLUME (BBB) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1800							on loc. set up truck Rig Drilling
	2135							Circulate with Csg. on Bottom
								Mix 150 sks Standard 2% Gel, 3% CC
			36					Finished mixing
								Release Top Plug
								Disph Plug
	2200							Plug down
								Circulated 455' Cnd. to Pit
								Shut in @ well head
								wash & Race <sup>2</sup> up track
	2220							JOS Complete

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KCC WICHITA  
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TIGHT HOLE

COPY

Release  
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*[Handwritten Signature]*