



Operator Name: **WOOLSEY OPERATING COMPANY, LLC** Lease Name: **PIERSON 'OWWO'** Well #: **1**  
 Sec: **8** Twp: **35** S. R. **13** ☐ East ☒ West County: **Barber**

**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:

Compensated Neutron Density PE Sonic Cement Bond  
 Dual Induction  
 Sonic

☒ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Lansing	4236	- 2629
Mississippian	4900	- 3293
Viola	5353	- 3746
Simpson	5454	- 3847
Arbuckle	5637	- 4030

**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 (existing)		8-5/8"		613'		600	
Production	7-7/8"	4-1/2"	10.5 #/ft	5663'	Class H	325	10% salt, 10% gyp,
					6% Kolseal,	1/4# Celloflake	& .8% friction reducer

**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
4	4892-4894 Mississippian	Acid: 2100 gal 10% MCA	4892-4940' OA
4	4900-4940 Mississippian	Frac: 4978 bbl slick wtr, 86,000# 16/30 &	4892-4940' OA
		5000# Super LC	

<b>TUBING RECORD</b>	Size 2-3/8"	Set At 4989'	Packer At none	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. 09/21/04		Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls. -0-	Gas Mcf 512	Water Bbls. 120	Gas-Oil Ratio Gravity

Disposition of Gas

METHOD OF COMPLETION

Production Interval

☐ Vented ☒ Sold ☐ Used on Lease  
 (If vented, Submit ACO-18.)

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled  
☐ Other (Specify)



KCC

## ALLIED CEMENTING CO., INC.

15862

Federal Tax I.D. #

NOV 05 2004

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:

Medicine Lodge

CONFIDENTIAL

DATE 7-13-04	SEC 8	TWP. 35S	RANGE 13W	CALLED OUT 5:30 PM	ON LOCATION 6:15 PM	JOB START	JOB FINISH
LEASE Person	WELL # 1	LOCATION Hardtner 6 1/2" NW 1/4			COUNTY Barber	STATE KS.	
OLD OR NEW (Circle one)							

CONTRACTOR Duke #5  
 TYPE OF JOB 1st stage  
 HOLE SIZE \_\_\_\_\_ T.D. \_\_\_\_\_  
 CASING SIZE 4 1/2 DEPTH 5666'  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL DV Tool DEPTH 4394'  
 PRES. MAX 1600 MINIMUM 200  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT 47  
 CEMENT LEFT IN CSG. \_\_\_\_\_  
 PERFS. 25 2 1/2 KCL  
 DISPLACEMENT 25 Bbls 66 Bbls mud

## EQUIPMENT

PUMP TRUCK CEMENTER Carl Bapling  
 # 352 HELPER Tracy Cushman  
 BULK TRUCK  
 # 363 DRIVER Larry Goldsberry  
 BULK TRUCK  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_

OWNER Woolsey Operating

CEMENT  
 AMOUNT ORDERED 2 gals Clapro  
20 5X H+10% 6 1/2" seal 10% salt  
6 1/2" Kol-seal - 8 1/2" FT-160 1/4" Flo-seal  
 COMMON 200 H @ 9.30 1860.00  
 POZMIX \_\_\_\_\_ @ \_\_\_\_\_  
 GEL \_\_\_\_\_ @ \_\_\_\_\_  
 CHLORIDE Flo Seal 50" @ 1.40 70.00  
Clapro 2 gal. @ 23.90 45.80  
Gyp Seal 19 @ 12.85 339.15  
Salt 22 @ 2.50 165.00  
Kol Seal 1200 @ .50 600.00  
FT-160-150 @ 3.00 1200.00  
 HANDLING 270 @ 1.25 337.50  
 MILEAGE 30 x 270 x .05 405.00

TOTAL 5022.45

## REMARKS:

Run 5666' 4 1/2" casing with DV tool  
 set at 4394' Drop ball for AFU shoe  
 circulate for 30 min. Pump 500 Gals  
 ASF Mix 200 5X class H+Additives  
 Wash out Pump + Lines + Release plug  
 Displace with 25 Bbls 2 1/2 KCL + 66 Bbls  
 mud. Pump plug Release psi + float held  
 Drop dart for DV tool open with pump truck  
 with 800psi. circulate w/rig for

## SERVICE

DEPTH OF JOB 5666'  
 PUMP TRUCK CHARGE \_\_\_\_\_ 1428.00  
 EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_  
 MILEAGE 30 @ 4.00 120.00  
 PLUG \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_

TOTAL 1548.00

CHARGE TO: Woolsey Operating  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

## FLOAT EQUIPMENT

1 AFU float shoe @ 200.00 200.00  
2 Baskets @ 116.00 232.00  
1 latch down plug @ 300.00 300.00  
1 DV tool @ 3000.00 3000.00  
11 Centralizers @ 45.00 495.00  
20 Scratcher @ 29.00 580.00

TOTAL 4807.00

To Allied Cementing Co., Inc.

You are hereby requested to rent cementing equipment  
 and furnish cementer and helper to assist owner or  
 contractor to do work as is listed. The above work was  
 done to satisfaction and supervision of owner agent or  
 contractor. I have read & understand the "TERMS AND  
 CONDITIONS" listed on the reverse side.

TAX \_\_\_\_\_  
 TOTAL CHARGE 4807.00  
 DISCOUNT 0.00 IF PAID IN 30 DAYS

SIGNATURE Allen F. Dick

ANY APPLICABLE TAX  
 WILL BE CHARGED  
 UPON INVOICING

PRINTED NAME

Allen F. Dick

RECEIVED  
 NOV 08 2004  
 KCC WICHITA

# ALLIED CEMENTING CO., INC.

15863

Federal Tax I.D.#

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:

Medicine Lodge

DATE <u>7/14-04</u>	SEC <u>8</u>	TWP. <u>35S</u>	RANGE <u>13W</u>	CALLED OUT <u>5:30 PM</u>	ON LOCATION <u>6:15 PM</u>	JOB START <u>5:30 AM</u>	JOB FINISH <u>6:30 AM</u>
LEASE <u>Person</u>	WELL # <u>1</u>	LOCATION <u>Hardtner Ks, 66w, N/S</u>			COUNTY <u>Cherokee</u>	STATE <u>Ks</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Duke #15  
 TYPE OF JOB 2nd stage  
 HOLE SIZE 7 1/8 T.D.  
 CASING SIZE 4 1/2 x 10-5 DEPTH 5666'  
 TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL DJ Tool DEPTH 4394  
 PRES. MAX 1900 MINIMUM 200  
 MEAS. LINE SHOE JOINT X  
 CEMENT LEFT IN CSG.  
 PERFS.  
 DISPLACEMENT 70 1/4 Bbls 2% KCL

## EQUIPMENT

PUMP TRUCK	CEMENTER <u>Carl Bakling</u>
# <u>352</u>	HELPER <u>Tracy Cushmanberg</u>
BULK TRUCK	
# <u>363</u>	DRIVER <u>Larry Goldsberg</u>
BULK TRUCK	
#	DRIVER

OWNER Woodsey Operating  
 CEMENT  
 AMOUNT ORDERED 500 Gals ASF  
0 Gals Clap 10- 1505x H + 10% Gyp-seal  
10% salt 6 1/2" hole - 8 1/2" H-160 1/4" H-160-seal  
 COMMON 150 H. @ 9.30 1395.00  
 POZMIX @  
FL-160 113# @ 8.00 904.00  
CHLORIDE Flo Seal 138# @ 1.40 53.20  
ASF 500 gal. @ 1.00 500.00  
Clap Pro 10 gal. @ 22.90 229.00  
Gyp Seal 14 @ 17.85 249.90  
Salt 16 @ 7.50 120.00  
Kel Seal 900# @ .50 450.00  
 HANDLING 202 @ 1.25 252.50  
 MILEAGE 30 x 202 x .05 30.30

TOTAL 4456.60

## REMARKS:

## SERVICE

DJ Tool 4394 circulate for 4  
hours, Pump 20 Bbls 2% KCL + 500 Gals  
ASF plug Bit Hole with 25 SX Cement  
Mix + pump 125 SX H + additives  
Wash Pump + Lines + Release plug  
Displace with 70 1/4 Bbls 2% KCL  
Pump plug + float held.

DEPTH OF JOB <u>4394</u>	
PUMP TRUCK CHARGE	<u>650.00</u>
EXTRA FOOTAGE @	
MILEAGE @ <u>4.00</u>	<u>NIC</u>
PLUG @	
@	
@	

TOTAL 650.00

CHARGE TO: Woodsey Operating  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

## FLOAT EQUIPMENT

<u>X</u>	@	
	@	
	@	
	@	
	@	

TOTAL \_\_\_\_\_

To Allied Cementing Co., Inc.  
 You are hereby requested to rent cementing equipment  
 and furnish cementer and helper to assist owner or  
 contractor to do work as is listed. The above work was  
 done to satisfaction and supervision of owner agent or  
 contractor. I have read & understand the "TERMS AND  
 CONDITIONS" listed on the reverse side.

TAX \_\_\_\_\_  
 TOTAL CHARGE 650.00  
 DISCOUNT 650.00 IF PAID IN 30 DAYS

SIGNATURE Allen F. Dick

Allen F. Dick  
 PRINTED NAME

ANY APPLICABLE TAX  
 WILL BE CHARGED  
 UPON INVOICING

KCC

NOV 05 2004

CONFIDENTIAL

RECEIVED  
 NOV 08 2004  
 KCC WICHITA