

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33168
Name: WOOLSEY OPERATING COMPANY, LLC
Address: 125 N. Market, Suite 1000
City/State/Zip: Wichita, Kansas 67202
Purchaser: Bluestem Gas Marketing / Plains Marketing
Operator Contact Person: Dean Pattison, Operations Manager
Phone: (316) 267-4379 ext 107
Contractor: Name: FOSSILL DRILLING INC
License: 33610
Wellsite Geologist: Curtis Covey

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. _____

09/12/2007	09/26/2007	10/16/2007
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 007-23193 0000
County: BARBER

190' E of E2 - SW - SW Sec. 6 Twp. 33 S. R. 10 ☐ East ☒ West
660' FSL _____ feet from (S) / N (circle one) Line of Section
1180' FWL _____ feet from E / (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW (SW)

Lease Name: LIEBL Well #: 1
Field Name: TRAFFAS

Producing Formation: MISSISSIPPIAN

Elevation: Ground: 1616 Kelly Bushing: 1625

Total Depth: 5120 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at 213 Feet

Multiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from n/a

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan API 15 42905
(Data must be collected from the Reserve Pit)

Chloride content 13,000 ppm Fluid volume 1800 bbls

Dewatering method used Haul off free fluids and allow to dehydrate

Location of fluid disposal if hauled offsite:

Operator Name: WOOLSEY OPERATING COMPANY, LLC

Lease Name: Swartz SWD License No.: 33168

Quarter _____ Sec. 1 Twp. 34 S. R. 11 ☐ East ☒ West

County: Barber Docket No.: D- 28,865

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: _____

Title: Dean Pattison, Operations Manager Date: January 10, 2008

Subscribed and sworn to before me this 10th day of January

20 08

Notary Public: Debra K. Clingan

Date Commission Expires: March 27, 2010

KCC Office Use ONLY

☒ Letter of Confidentiality Received

☒ If Denied, Yes ☐ Date: _____

☒ Wireline Log Received

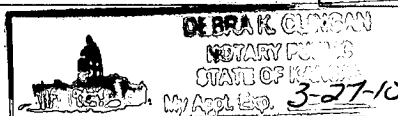
☒ Geologist Report Received

☐ UIC Distribution

RECEIVED
KANSAS CORPORATION COMMISSION

JAN 10 2008

CONSERVATION DIVISION
WICHITA, KS



Operator Name: WOOLSEY OPERATING COMPANY, LLC Lease Name: LIEBL Well #: 1
 Sec. 6 Twp. 33 S. R. 10 ☐ 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 (Attach Additional Sheets)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Onaga	2719	- 1094
Electric Log Run (Submit Copy)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Toronto	3721	- 2096
List All E. Logs Run:		Douglas	3733	- 2108
		Swope	4375	- 2750
		Hertha	4405	- 2780
		Mississippian	4612	- 2987
		Viola	4932	- 3307
		Simpson	5021	- 3396

Compensated Neutron Density PE
 Dual Induction
 Sonic Cement Bond

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> 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	14 3/4"	10 3/4"	32# / ft	213'	Class A	200	2% gel, 3% cc
Production	7 7/8"	4 1/2"	10.5# / ft	4996'	60/40 poz		6% gel
					Class H		10% salt, 10% Gyp, 1/4# Celloflake, 6# Gilsonite, .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
2	Mississippian 4654'-76', 4622'-50'	Acid: 3100 gal 10% MIRA	4607'-50' OA
4	Mississippian 4612'-18', 4607'-10'	Frac: 377,200 gal treated fresh wtr; 135,000#	4607'-50' OA
		30/70 sd; 24,000# 16/30 sd & 11,500 16/30 resin	
		coated sand	
TUBING RECORD		Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Size 2 3/8"	Set At 4525'	Packer At n/a	
Date of First, Resumed Production, SWD or Entr.		Producing Method	
10/30/2007		<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)	
Estimated Production Per 24 Hours	Oil Bbls. 10.5	Gas Mcf 95	Water Bbls. 140
			Gas-Oil Ratio 9048 : 1
			Gravity 32.1

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

METHOD OF COMPLETION ☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled ☐ Other (Specify) _____

Production Interval _____



ALLIED CEMENTING CO., INC.

31214

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

SERVICE POINT:

Medicine Lodge, KS

DATE <u>9-26-07</u>	SEC. <u>06</u>	TWP. <u>33S</u>	RANGE <u>11W</u>	CALLED OUT <u>1:00 AM</u>	ON LOCATION <u>3:00 AM</u>	JOB START <u>10:30 AM</u>	JOB FINISH <u>11:15 AM</u>
LEASE <u>2126L</u>	WELL # <u>1</u>	LOCATION <u>160+ Cedar Hills Rd., 3 1/2 mi N, Barber</u>			COUNTY <u>Barber</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)			<u>15,5 INTO</u>				

CONTRACTOR Foss, L #1
TYPE OF JOB Production casing
HOLE SIZE 7 7/8" T.D. 5,120'
CASING SIZE 4 1/2" x 10.5" DEPTH 4,997'
TUBING SIZE _____ DEPTH _____
DRILL PIPE 4 1/2" DEPTH _____
TOOL _____ DEPTH _____
PRES. MAX 1,500 MINIMUM 100
MEAS. LINE _____ SHOE JOINT 43.34'
CEMENT LEFT IN CSG. 43.34'
PERFS. _____
DISPLACEMENT 80 1/2 BBL 2% KCL water
EQUIPMENT

PUMP TRUCK CEMENTER Thomas DeMorrow
414 HELPER Greg G.
BULK TRUCK _____
364 DRIVER Harold M.
BULK TRUCK _____
_____ DRIVER Cole H.

REMARKS:

Pipe and Batten Break circulation pump
5 BBL Fresh Ahead Plug Rate + mouse w/25
5x 60' 40' 16 + 1/4" Flo Seal Pump Displacement
50 5x 60' 40' 16 + 1/4" Flo Seal Pump Displacement
130 5x class H + 10% Gyp + 10% salt + 6" Kol Seal
1 80' FL-160 + 1/4" Flo Seal, Std Pumps, work Pump
Lines, Release Plug, start Displacement, seal lift,
slow Rate, Pump Plug, Float held, Displaced
4 80' 1/2 BBL 2% KCL water.

CHARGE TO: Woolsey Operating Co.
STREET _____
CITY _____ STATE _____ ZIP _____

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.

OWNER Woolsey Operating Co.

CEMENT

AMOUNT ORDERED 75 5x 60' 40' 16 + 1/4" Flo Seal
130 5x class H + 10% Gyp + 10% salt + 6" Kol Seal
+ 1 80' FL-160 + 1/4" Flo Seal, 8 GAL Cla Pro

COMMON	<u>45</u>	<u>A</u>	@	<u>11.10</u>	<u>499.50</u>
POZMIX	<u>30</u>		@	<u>6.20</u>	<u>186.00</u>
GEL	<u>4</u>		@	<u>16.65</u>	<u>66.60</u>
CHLORIDE			@		
ASC			@		
	<u>130</u>	<u>H</u>	@	<u>13.40</u>	<u>1742.00</u>
	<u>Flo Seal</u>	<u>52</u>	@	<u>2.00</u>	<u>104.00</u>
	<u>Cla Pro</u>	<u>8</u>	@	<u>25.00</u>	<u>200.00</u>
	<u>Kol Seal</u>	<u>780</u>	@	<u>.70</u>	<u>546.00</u>
	<u>Salt</u>	<u>14</u>	@	<u>9.60</u>	<u>134.40</u>
	<u>FL-160</u>	<u>98</u>	@	<u>10.65</u>	<u>1043.70</u>
	<u>Gyp Seal</u>	<u>12</u>	@	<u>23.35</u>	<u>280.20</u>
			@		
HANDLING	<u>363</u>		@	<u>1.90</u>	<u>689.70</u>
MILEAGE	<u>16 x 363</u>	<u>.09</u>			<u>522.72</u>
					TOTAL <u>6014.82</u>

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SERVICE

DEPTH OF JOB	<u>4,997'</u>	
PUMP TRUCK CHARGE		<u>1840.00</u>
EXTRA FOOTAGE	@	
MILEAGE	<u>16</u>	@ <u>6.00</u> <u>96.00</u>
MANIFOLD	@	
Head Rent	@ <u>100.00</u>	<u>100.00</u>
	@	
		TOTAL <u>2036.00</u>

4 1/2" PLUG & FLOAT EQUIPMENT

AFU Float shoe	<u>1</u>	@ <u>385.00</u>	<u>385.00</u>
Turbolizers	<u>7</u>	@ <u>60.00</u>	<u>420.00</u>
Latch down Plug	<u>1</u>	@ <u>360.00</u>	<u>360.00</u>
scratchers	<u>16</u>	@ <u>60.00</u>	<u>960.00</u>
	@		

ANY APPLICABLE TAX
WILL BE CHARGED
UPON INVOICING

TAX _____
TOTAL CHARGE 2125.00
DISCOUNT _____ IF PAID IN 30 DAYS

RECEIVED
KANSAS CORPORATION COMMISSION

JAN 10 2008

CONSERVATION DIVISION
WICHITA, KS

SIGNATURE Wm R. Gallagher

PRINTED NAME

ALLIED CEMENTING CO., INC.

31254

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

SERVICE POINT:

medicine lodge

DATE <u>9-12-07</u>	SEC. <u>06</u>	TWP. <u>33s</u>	RANGE <u>11w</u>	CALLED OUT <u>4:00p.m</u>	ON LOCATION <u>5:00p.m</u>	JOB START <u>8:00p.m</u>	JOB FINISH <u>9:50p.m</u>
LEASE <u>Liebl</u>	WELL # <u>1</u>	LOCATION <u>Sharon, ks. 2 west + later</u>			COUNTY <u>Barber</u>	STATE <u>KO</u>	
OLD OR NEW (Circle one)		<u>Hills, 3s to College hill, 11w, 3/4s, E/into</u>					

CONTRACTOR <u>Fossil #1</u>	OWNER <u>Woodsey Oper.</u>
TYPE OF JOB <u>Surface</u>	
HOLE SIZE <u>14 3/4</u>	T.D. <u>220</u>
CASING SIZE <u>10 3/4</u>	DEPTH <u>013</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM -
MEAS. LINE	SHOE JOINT -
CEMENT LEFT IN CSG. <u>20</u>	
PERFS.	
DISPLACEMENT <u>19 1/2 lds fresh tho</u>	

CEMENT	
AMOUNT ORDERED <u>200sx Class A+</u>	
<u>3% cc + 2% gel.</u>	
COMMON <u>200 A</u>	@ <u>11.10</u> <u>2220.00</u>
POZMIX	@
GEL <u>4</u>	@ <u>16.65</u> <u>66.60</u>
CHLORIDE <u>7</u>	@ <u>46.60</u> <u>326.20</u>
ASC	@

EQUIPMENT	
PUMP TRUCK	CEMENTER <u>Mark Cadey</u>
# <u>352</u>	HELPER <u>Clint W.</u>
BULK TRUCK	
# <u>389</u>	DRIVER <u>Jr. F.</u>
BULK TRUCK	
#	DRIVER

WELL FILE

Regulatory Correspondence
Drig (Comp) Workovers
Tests / Meters Operations

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JAN 10 2008

KCC

HANDLING <u>211</u>	@ <u>1.90</u> <u>400.90</u>
MILEAGE <u>16 x 211 x .09</u>	<u>303.84</u>
TOTAL	<u>3317.54</u>

REMARKS:

Pipe on bottom, break Circ. Pump 3
loads fresh ahead pump 200sx A
+ 3% cc + 2% gel. Stop. Displace w/
fresh water to 193' w/ 19 1/2 lds
fresh. Stop. Shut in release line
psi. Cement Dis Circ.

SERVICE

DEPTH OF JOB <u>213'</u>	
PUMP TRUCK CHARGE	<u>815.00</u>
EXTRA FOOTAGE	@
MILEAGE <u>16</u>	@ <u>6.00</u> <u>96.00</u>
MANIFOLD <u>Head Rental</u>	@ <u>100.00</u> <u>100.00</u>
	@
	@

TOTAL 1011.00

CHARGE TO: <u>Woodsey Operating Co.</u>
STREET
CITY
STATE
ZIP

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
ANY APPLICABLE TAX		
WILL BE CHARGED		
UPON INVOICING		
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	<u>1011.00</u>
DISCOUNT	<u>0.00</u> IF PAID IN 30 DAYS

SIGNATURE [Signature]

Scott Alberg
PRINTED NAME

RECEIVED
KANSAS CORPORATION COMMISSION

JAN 10 2008

CONSERVATION DIVISION
WICHITA, KS