

1221824

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input 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

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				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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7/30/2014



5220000914

CEMENT FIELD TICKET AND TREATMENT REPORT

Customer	Legand Oil % Gas	State, County	Woodson, Kansas	Cement Type	CLASS A
Job Type	Long String	Section		Excess (%)	30%
Customer Acct #		TWP		Density	13.6/14
Well No.	Pat Collins # 20	RGE		Water Required	7.29/7.93
Mailing Address		Formation		Yield	1.48/1.74
City & State		Tubing		Sacks of Cement	50/55
Zip Code		Drill Pipe		Slurry Volume	13/17
Contact		Casing Size	2 7/8	Displacement	5
Email		Hole Size	5 7/8	Displacement PSI	200/400
Cell		Casing Depth	880	MIX PSI	200
Dispatch Location	EUREKA	Hole Depth	894	Rate	3.5
Code	Cement Pump Charges and Mileage	Quantity	Unit	Price per Unit	
5401C	SINGLE PUMP (CASING JOB) 0-2000'	1	PER JOB	\$925.00	\$ 925.00
5407	MIN. BULK DELIVERY (WITHIN 50 MILES)	2	PER LOAD	\$368.00	\$ 736.00
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
EQUIPMENT TOTAL					\$ 1,661.00
Cement, Chemicals and Water					
1131	60/40 POZMIX CEMENT W/ NO ADDITVES (40% POZ)	50	0	\$13.18	\$ 659.00
1118B	PREMIUM GEL/BENTONITE (50#)	200	0	\$0.22	\$ 44.00
1107A	PHENOSEAL	40	0	\$1.35	\$ 54.00
1126	OWC. CEMENT (CAL SEAL) 8%OWC. 2% CAL. CHLORIDE 2% GE	55	0	\$19.75	\$ 1,086.25
1110A	KOL SEAL (50 # SK)	350	0	\$0.46	\$ 161.00
1111	GRANULATED SALT (50#) SELL BY #	350	0	\$0.39	\$ 136.50
1107A	PHENOSEAL	40	0	\$1.35	\$ 54.00
1118B	PREMIUM GEL/BENTONITE (50#)	200	0	\$0.22	\$ 44.00
0	30% Discount		0	\$0.00	\$ (671.62)
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
CHEMICAL TOTAL					\$ 1,567.13
Water Transport					
5502C	80 BBL VACUUM TRUCK (CEMENT)	3	BL VACUUM TRUCK (CEM)	\$90.00	\$ 270.00
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
TRANSPORT TOTAL					\$ 270.00
Cement Floating Equipment (TAXABLE)					
0	Cement Basket		0	\$0.00	\$ -
0	Centralizer		0	\$0.00	\$ -
0			0	\$0.00	\$ -
0	Float Shoe		0	\$0.00	\$ -
0	Float Collars		0	\$0.00	\$ -
0	Guide Shoes		0	\$0.00	\$ -
0	Baffle and Flapper Plates		0	\$0.00	\$ -
0	Packer Shoes		0	\$0.00	\$ -
0	DV Tools		0	\$0.00	\$ -
0	Ball Valves, Swedges, Clamps, Misc.		0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
4402	Plugs and Ball Sealers 2 7/8" RUBBER PLUG	2	0	\$29.50	\$ 59.00
0	Downhole Tools		0	\$0.00	\$ -
CEMENT FLOATING EQUIPMENT TOTAL					\$ 59.00
				SUB TOTAL	\$ 3,557.13
				7.15% SALES TAX	\$ 254.07
				TOTAL	\$ 3,717.20
				0% (-DISCOUNT)	\$ -
				DISCOUNTED TOTAL	\$ 3,717.20
DRIVER NAME					
690	John Wade				
445	Jeremy				
811	Jeff				
515	Colby				
80 vac	Nunnley				

AUTHORIZATION _____
DATE _____

TITLE _____
FOREMAN *[Signature]*

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