

ORIGINAL Side Two

WELL # 1

Operator Name: John O. Farmer, Inc. Lease Name: Norris Unit
Sec. 13 Twp. 4 S. R. 19 East West County: Phillips

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 complete 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	Anhydrite	1526'	(+444)
Electric Log Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Topeka	2950'	(-980)
Electric Log Submitted Electronically (If no, Submit Copy)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Heebner Shale	3146'	(-1176)
List All E. Logs Run:		Toronto	3171'	(-1201)
Dual Induction Log, Compensated Density Neutron Log, Micro Resistivity Log, Radiation Guard Log, Cement Bond Log		Lansing	3187'	(-1217)
		Base/KC	3409'	(-1439)
		Arbuckle	3533'	(-1563)

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	12-1/4"	8-5/8"	23#	220'	Common	160	3% C.C., 2% gel
Production	7-7/8"	5-1/2"	14#	3597'	EA-2	145	
Port Collar				1533'	QMDC	155	

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 SPF	3224-29' (Lansing "C")	500 gals. 15% NE	
4 SPF	3242-48' (Lansing "D")	750 gals. 15% NE	
4 SPF	3262-71' (Lansing "F")	500 gals. 15% NE & 500 gals. 28% NE	
4 SPF	3470-74' (Marmaton, non-productive)		

TUBING RECORD:		Size: 2-3/8"	Set At: 3565'	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. 2-11-12		Producing Method: <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. 25.00	Gas Mcf	Water Bbls. 5.00	Gas-Oil Ratio	Gravity 35.0°

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled (Submit ACO-5) (Submit ACO-4) <input type="checkbox"/> Other (Specify)	PRODUCTION INTERVAL: 3224-3271' OA
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QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

COPY No. 209

Date	1/13/12	Sec.	Twp.	Range	County	State	On Location	Finish	
Lease	Norris Unit	Well No.	1	Location SPEED, 2N, 1/2 E, S + W into					3:00 PM
Contractor	POE Well Service			Owner					
Type Job	Part Collar			To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.					
Hole Size	T.D.			Charge To					
Csg.	5 1/2"			Depth					
Tbg. Size	2 3/8"			Depth					
Tool	EXPERT			Depth					
Cement Left in Csg.	Shoe Joint			City					
Meas Line	Displace			State					
EQUIPMENT				The above was done to satisfaction and supervision of owner agent or contractor.					
Pumptrk 9 No. Cementer Pami				Cement Amount Ordered					
Bulktrk 12 No. Driver Mark				250 Q-MDC 4#-1000					
Bulktrk PJ No. Driver Con				Gel on Side					

JOB SERVICES & REMARKS				Common				
Remarks:				155 Q-MDC				
Rat Hole				Poz. Mix				
Mouse Hole				Gel. 8				
Centralizers				Calcium				
Baskets				Hulls				
D/V or Port Collar 1533'				Salt				
Test to 1000#				Flowseal 62#				
Open Tool				Kol-Seal				
Mix 8 gel + 15 Ssx to line (cement)				Mud CLR 48				
Displace				CFL-117 or CD110 CAF-38				
Close Tool				Sand				
Test to 1000#				Handling 250				
Rin 50 lbs, Wash Clean				Mileage				

FLOAT EQUIPMENT				RECEIVED				
Guide Shoe				APR 10 2012				
Centralizer				KCC WICHITA				
Baskets				Pumptrk Charge				
AFU Inserts				port collar				
Float Shoe				Mileage 63				
Latch Down				CONFIDENTIAL				
Thank You!!!				APR 09 2014				
Signature: [Signature]				KCC				
Tax				Discount				
Total Charge								