

COMPLETION
Well #: 1

Operator Name: John O. Farmer, Inc. Lease Name: Waugh "A"
 Sec. 7 Twp. 15 S. R12 East West County: Wabaunsee

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 Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Dual Induction Log, Compensated Density Neutron Log, Micro Resistivity Log	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">Name</td> <td style="width: 15%;">Top</td> <td style="width: 15%;">Datum</td> </tr> <tr> <td>Mississippi</td> <td>2316'</td> <td>(-989)</td> </tr> <tr> <td>Kinderhook</td> <td>2656'</td> <td>(-1329)</td> </tr> <tr> <td>Hunton</td> <td>2794'</td> <td>(-1467)</td> </tr> <tr> <td>Maquoketa</td> <td>2834'</td> <td>(-1507)</td> </tr> <tr> <td>Viola</td> <td>2900'</td> <td>(-1573)</td> </tr> <tr> <td>Simpson Dolomite</td> <td>3006'</td> <td>(-1679)</td> </tr> <tr> <td>Simpson Sand</td> <td>3023'</td> <td>(-1696)</td> </tr> </table>	Name	Top	Datum	Mississippi	2316'	(-989)	Kinderhook	2656'	(-1329)	Hunton	2794'	(-1467)	Maquoketa	2834'	(-1507)	Viola	2900'	(-1573)	Simpson Dolomite	3006'	(-1679)	Simpson Sand	3023'	(-1696)
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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#	318'	Class A	185	3% C.C., 2% gel
Production	7-7/8"	5-1/2"	15.5# & 14#	3144'	Thick Set	125	

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	2900-15' (Viola)	500 gals. 10% NE	

TUBING RECORD: Size: <u>2-7/8"</u> Set At: <u>3113'</u> Packer At: <u> </u> Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. (NA - SIOW)	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) <u> </u>
Estimated Production Per 24 Hours	Oil Bbls. <u> </u> Gas Mcf <u> </u> Water Bbls. <u> </u> Gas-Oil Ratio <u> </u> Gravity <u> </u>

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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) <u> </u>	PRODUCTION INTERVAL: <u>2900-15' (Viola)</u>
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ENTERED COPY
 TICKET NUMBER 33301
 LOCATION Eureka
 FOREMAN Steve Mead

PO Box 84, Chanute, KS 66720
 620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT

CEMENT API 15-197-20293

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
10-18-11	4027	Waugh A-21	7	155	12E	Wabunsee	
CUSTOMER John O. Farmer Inc							
MAILING ADDRESS P.O. Box 352							
CITY Russell		STATE Ks	ZIP CODE 67665				
		TRUCK #		DRIVER			
		485		Alan m			
		513		Jim			

COPY

JOB TYPE Surface C HOLE SIZE 12 1/4 HOLE DEPTH 318 CASING SIZE & WEIGHT 8 3/8 23'
 CASING DEPTH 305' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.5* SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT 18 3/4 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting. Rig up to 8 3/8 casing. Break circulation with 10 bbls Fresh Water. Mix 185 sts Class A Cement w/ 2% CaCl2, 2% Gel & 1/4" F10-Cala per/sk. AT 14.5". Displace with 18 3/4 bbls Fresh Water. Shut well in. Good cement returns to surface 15 bbls slurry to pit. Job complete Rig down

Thank you

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	775.00	775.00
5406	70	MILEAGE	4.00	280.00
11045	185 sts	Class A Cement	14.25	2636.25
1102	525 #	CaCl2 3%	.70	367.50
1118B	350 #	Gel 2%	.20	70.00
1107	415 #	F10-Cala 1/4" per/sk	2.22	921.30
5407A	8.70	Ton mileage Bulk Truck	1.26	767.34
			Sub Total	4995.99
			SALES TAX	247.55
			ESTIMATED TOTAL	5243.54

CONFIDENTIAL RECEIVED
 FEB 08 2014 FEB 09 2012
 KCC KCC WICHITA

Revin 3737

245139
 TITLE Tool Pusher

AUTHORIZATION Mead DATE 10-18-11

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

COPY

FIELD TICKET & TREATMENT REPORT

CEMENT API # 15-197-20293 KS

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
10-26-11	4027	Waugh A #1	7	155	12E	WABARNSWORTH	
CUSTOMER John O. Farmer			Gulick Delv. Co.	TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS P.O. Box 352				445	DAVE G.		
CITY Russell				515	CALIN H.		
STATE KS							
ZIP CODE 67665							

JOB TYPE Longstring HOLE SIZE 7 7/8 HOLE DEPTH 3144' CASING SIZE & WEIGHT 5 1/2" 14# New
 CASING DEPTH 3135' G.L. DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.6# SLURRY VOL 42 BBL WATER gal/sk 9.0 CEMENT LEFT in CASING 20.44
 DISPLACEMENT 77.5 BBL DISPLACEMENT PSI 850 MIX PSI 1400 Bump Plug RATE 5 BPM

REMARKS: Safety Meeting: Rig up to 5 1/2" casing w/ Rotating Swivel on Cement Head. Break Circulation w/ 5 BBL water. Pump 12 BBL (500 gals) Silt Suspende Pre Flush, 5 BBL water Spacer. (Mixed 125 sks Thick Set Cement) w/ 5" Kol-Seal 1/sk @ 13.6# / gal yield 1.85 wash out Pump & Lines. Shut down. Release Latch down Plug. Displace Plug to Seat w/ 77.5 BBL Fresh water. Final Pumping Pressure 850 psi. Bump Plug to 1400 psi. Wait 2 minutes. Release Pressure. Float & Plug Held. Good Circulation @ ALL times while Cementing. Rotated Casing.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	975.00	975.00
5406	70	MILEAGE	4.00	280.00
1126 A	125 sks	THICK Set Cement	18.30	2287.50
1110 A	625 #	Kol-Seal 5" /sk	.44 #	275.00
5407 A	6.87 Tons	70 miles Bulk Delv.	1.26	605.93
1143	2 gals	Silt Suspende Pre Flush (Mixed w/ 12 BBL)	40.40	80.80
4454	1	5 1/2 Latch down Plug	254.00	254.00
4203	1	5 1/2 Guide Shoe	160.00	160.00
4228 B	1	5 1/2 AFU INSERT Float Valve	172.00	172.00
4130	6	5 1/2 x 7 7/8 Centralizers	48.00	288.00
5611	1	RENTAL on 5 1/2 Rotating Swivel	100.00	100.00
			Sub Total	5378.23
		THANK YOU	SALES TAX	274.35
		7.8%	ESTIMATED TOTAL	5652.58

AUTHORIZATION [Signature] TITLE _____ DATE _____