

# WoCo Drilling LLC

1135 30<sup>th</sup> Rd  
 Yates Center, Kansas 66783  
 Steve 620-330-6328      Nick 620-228-2320

Operator License # 35346		API # 15-205-28416-00-00	
Operator: Bryan Marshall		Lease: Orland Newby	
Address: PO Box 389, Eureka Ks, 67045		Well # 11	
Phone: 620-750-0058		Spud Date: 2-15-2018      Completed:	
Contractor License: 33900		Location: Sec: 3      TWP: 30      R: 15E	
T.D. 1140	Bite Size: 6"	165' from south line	
Surface Pipe Size: 7"	Surface Depth: 21.7	4360 from east line	
Kind of Well: Oil		County: Wilson	

10 8XS

## Drilling Log

Strata	From	To	Strata	From	To
soil	0	7	Shale	674	683
clay	7	15	Lime	683	698
clay & gravel	15	25	Shale	698	738
Gravel	25	32	Lime	738	758
Shale	32	70	Shale	758	763
Lime	70	76	Lime	763	780
Shale	76	182	Shale	780	786
Lime	182	201	Lime	786	795
Shale	201	240	Shale	795	855
Lime	240	248	Lime	855	858
Shale	248	252	Shale	858	862
Lime	252	259	Lime	862	875
Shale	259	284	Shale	875	1003
Lime	284	358	Black Shale	1003	1021
Black shale	358	361	Oil Sand	1021	1039
Shale	361	363	Black Sandy Shale	1039	1046
Lime	363	388	Shale	1046	1140
Shale	388	425	TD 1140		
Lime	425	464			
Shale	464	473			
Lime	473	481			
Shale	481	490			
Lime	490	503			
Shale	503	536			
Lime	536	550			
Shale	550	629			
Lime	629	632			
Shale	632	671			
Lime	671	674			

810 E 7<sup>TH</sup>  
 PO Box 92  
 EUREKA, KS 67045  
 (620) 583-5561



**Cement or Acid Field Report**

Ticket No. **3742**  
 Foreman KEVIN MCCOY  
 Camp EUREKA

APZ #15-205-28416-00-00

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
2-19-18	1163	ORLAND Newby # 11	3	30S	15E	WILSON	KS
Customer MARSHALL OIL LLC			Unit #	Driver		Unit #	Driver
Mailing Address P.O. Box 389			104	ALAN M.			
City EUREKA			112	JASON H.			
State KS							
Zip Code 67045							

Job Type Longstring Hole Depth 1130' Slurry Vol. 39 BBL Tubing 2 7/8 Eue  
 Casing Depth 1118 Hole Size 6" Slurry Wt. 14.1 Drill Pipe \_\_\_\_\_  
 Casing Size & Wt. \_\_\_\_\_ Cement Left in Casing 0' Water Gal/SK \_\_\_\_\_ Other \_\_\_\_\_  
 Displacement 6.75 BBL Displacement PSI 500 Bump Plug to 900 PSI BPM \_\_\_\_\_

Remarks: Safety Meeting: Rig up to 2 7/8 tubing. BREAK circulation w/ FRESH WATER. Mixed 165 SKS 60/40 Pozmix Cement w/ 4% Gel, 2% CaCl2, 1" Pheno Seal /SK @ 14.1#/GAL, yield 1.33 = 39 BBL Slurry. Shut down. Wash out Pump & Lines. Stuff 2 Plugs. Displace w/ 6.75 BBL Fresh water. FINAL Pumping Pressure 500 PSI. Bump Plugs to 900 PSI. Release Pressure. Float Held. Shut in @ 0 PSI. Good Cement Returns to SURFACE = 4 BBL Slurry to Pit. Job Complete. Rig Down. (Note: Pumped 300# Gel Flush w/ HULLS & 10 BBL water spacer before mixing cement)

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C 102	1	Pump Charge	1050.00	1050.00
C 107	40	Mileage 1/2 Well of 2	3.95	158.00
C 203	165 SKS	60/40 Pozmix Cement	12.75	2103.75
C 205	285 #	CaCl2 2%	.60 #	171.00
C 206	570 #	Gel 4%	.20 #	114.00
C 208	165 #	Pheno Seal 1"/SK	1.25 #	206.25
C 206	300 #	Gel Flush	.20 #	60.00
C 214	40 #	Hulls	.45 #	18.00
C 108 B	7.10 TONS	Ton Mileage 40 miles	1.35	383.40
C 401	2	2 7/8 Top Rubber Plugs	28.00	56.00
			Sub Total	4320.40
			Less 5%	224.89
			Sales Tax 6.5%	177.39
			<b>Total</b>	<b>4272.90</b>

Authorization Witnessed By Bryan Marshall Title owner

I agree to the payment terms and conditions of services provided on the back of this job ticket. Any amendments to payment terms must be in writing on the front of this job ticket or in the Customer's records at ELITE's office.