

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



Cement or Acid Field Report
 Ticket No. **3113**
 Foreman Steve Mead
 Camp Eureka

15-207-29401

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State	
2-9-17	1003	Cobble # 18	22	26	14E	Woodson	Ks	
Customer Colt Energy Inc.			Safety Meeting		Unit #	Driver	Unit #	Driver
Mailing Address P.O. Box 388					104	Alan M		
City Tala					112	Don G		
State Ks		Zip Code 66749						

Job Type Logging Hole Depth 1431 Slurry Vol. _____ Tubing _____
 Casing Depth 1399' Hole Size 6.25" Slurry Wt. _____ Drill Pipe _____
 Casing Size & Wt. 4 1/2, 12.5#/ft Cement Left in Casing _____ Water Gal/SK _____ Other _____
 Displacement 22 bbls Displacement PSI 250² Bump Plug to 1250² BPM _____

Remarks: Safety Meeting. Rig up to 4 1/2 casing. Break circulation w/ Fresh water pump 300' Gal flush w/ Hulls + 5 bbls water spacer. Mix 165 sks Thickset cement w/ 2" Phosaseal Ruffs. Lashout pump & lines. Release plug. Displace w/ 22 bbls Fresh water. Final pumping pressure 250² Bump Plug to 1250². Release pressure plug held. Good cement to surface 5 bbls to pit. Job complete Rig down.

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C102	1	Pump Charge	0000	0000
C107	25	Mileage	00	000
C-201	165 sks	Thick set cement	000	0000
C-208	230 ⁰	Phosaseal 2" 12.5/ft	00	0000
C-206	300 ²	Gal Flush	00	000
C-204	40 ²	Hulls	00	0000
C108-A	866 mi	Ten Mileage Bulk Truck	000	0000
C-4-3	1	4 1/2 In. Rubber Plug	0000	0000
			Sub Total	0000
			Sales Tax	0000
Authorization <u>R.R. [Signature]</u> Title <u>Truck driver</u>			Total	0000

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.

Mud Rotary Drilling
Andrew King - Manager/Driller

Bar Drilling, LLC

Phone: (719) 210-8806

1317 105th Rd.
Yates Center, KS 66783

Company/Operator Colt Energy Inc P O Box 388 Iola, KS 66749	Well No. 18	Lease Name Cobble	Well Location 165' fsl 1415' fsl				1/4 SE	1/4 SW	1/4 SE	Sec. 22	Twp. 26s	Rge. 14e
	Well API # 15-207-29401		Type/Well Oil	County Woodson			State KS	Total Depth 1431	Date Started 2/3/2017	Date Completed 2/9/2017		
Job/Project Name/No.	Surface Record		Bit Record				Coring Record					
			Type	Size	From	To	Core #	Size	From	To	% Rec.	
Driller/Crew	Bit Size:	11 1/4	PDC	11 1/4	0'	42	1	3"	1254	1283	95	
Andy King	Casing Size:	8 5/8	PDC	6 3/4	40	1431	2	3"	1283	1308	105	
Charles King	Casing Length:	42										
	Cement Used:	14sx										
	Cement Type:	Portland										

Formation Record

From	To	Formation	From	To	Formation	From	To	Formation
0	22	overbuden	1308	1430	sandy shale			
22	221	shale	1430	1431	Miss lime			
221	489	Lansing Lime						
489	567	shale						
567	745	KC Lime						
745	836	shale						
836	841	lime						
841	864	shale						
864	879	lime						
879	885	shale						
885	974	sandy shale						
974	992	lime						
992	997	shale						
997	1004	lime						
1004	1027	shale						
1027	1046	lime						
1046	1053	shale						
1053	1061	lime						
1061	1072	shale						
1072	1090	sq sand (oil show)						
1090	1248	shale						
1248	1254	broken oil sand						
1254	1283	Core # 1, 15'+- oil sand						
1283	1308	core #2, 3' +- oil sand						

Well Notes:
Ran 4 1/2" Casing