

Form	ACO1 - Well Completion
Operator	Colt Energy Inc
Well Name	SCHAFER CS-22
Doc ID	1352207

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
4	1277-1293	161 BBL of Gel'd water, 5 sx 16/30 sand, and 45 sx 12/20 sand	1277-1293

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Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	11.25	8.625	22	40	Portland	14	None
Production	6.75	4.5	11.60	1368	Thick Set	165	Pheno-Seal 2#/sx

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



Cement or Acid Field Report
Ticket No. **3189**
Foreman Rick Latford
Camp Eureka 111

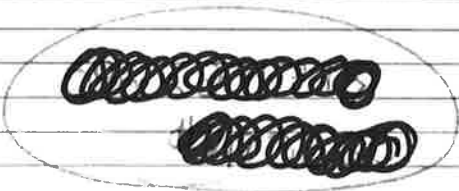
15-207-29406

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
3-7-17	1003	Schafer CS-22	23	26	14	Worthen	KS
Customer <u>Colt Energy Inc.</u>			Unit # <u>105</u> <u>113</u>		Driver <u>Dave G.</u> <u>Alan M.</u>		Unit # Driver
Mailing Address <u>P.O. Box 388</u>							
City <u>Iola</u>	State <u>KS</u>	Zip Code <u>66749</u>					

Job Type 413 Hole Depth 1379 Slurry Vol. 50 Bbl Tubing _____
Casing Depth 1368 Hole Size 6 3/4 Slurry Wt. 13.8 Drill Pipe _____
Casing Size & Wt. 4 1/2 / 11.60 Cement Left in Casing 4'35 Water Gal/SK 90 Other _____
Displacement 21.2 Bbl Displacement PSI 200 Bump Plug to 1100 BPM _____

Remarks: Safety meeting. Rig up to 4 1/2" casing. Break circulation w/ fresh water. Pump
6 ses gel-flush w/ bulls. 5 Bbl water spacer. Mixed 165 ses thickset cement w/ 2"
phenoxal/sr @ 13.8/lb. Washout pump & lines, release plug. Displace w/ 21.2 Bbl fresh
water. Final pump pressure 200 PSI. Bump plug to 1100 PSI. release pressure, float &
plug held. Good cement returns to surface. 10 Bbl slurry to pit. Job complete. Rig down.

Thank You

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C102	1	Pump Charge	0000	0000
C107	25	Mileage	0000	0000
C201	165 sr	thickset cement	0000	0000
C202	330 "	2" phenoxal/sr	0000	0000
C206	300 "	gel-flush	0000	0000
C214	40 "	bulls	0000	0000
C103A	9.08	for mileage built tax	0000	0000
C403	1	4 1/2" top rubber plug	0000	0000
			Subtotal	0000
			Sales Tax	0000
Authorization <u>R. K. Latford</u> Title <u>Survey Assistant</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. CS-22	Lease Name Schafer	Well Location 1815' fnl, 495' fwl				1/4 SE	1/4 NW	1/4 SE	Sec. 23	Twp. 26s	Rge, 14e
	Well API # 15-207-29406		Type/Well Oil	County Woodson			State KS	Total Depth 1379		Date Started 3/2/2017	Date Completed 3/7/2017	
	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'	40	1	3"	1285	1315	99	
Andy King	Casing Size:	8 5/8	PDC	6 3/4	40	1379						
Charles King	Casing Length:	40										
	Cement Used:	14sx										
	Cement Type:	Portland										

Formation Record

From	To	Formation	From	To	Formation	From	To	Formation
0	16	overbuden	1315	1378	sandy shale			
16	195	shale	1378	1379	Miss Lime			
195	460	Lansing Lime						
460	536	shale						
536	714	KC Lime						
714	809	shale						
809	817	lime						
817	844	shale						
844	854	lime						
854	931	sandy shale						
931	933	lime						
933	953	shale						
953	964	lime						
964	999	shale						
999	1016	Ft Scott Lime						
1016	1021	shale						
1021	1026	lime						
1026	1040	shale						
1040	1041	lime						
1041	1047	shale						
1047	1059	broken sand (oil show)						
1059	1277	shale						
1277	1285	oil sand						
1285	1315	Core						

Well Notes:

Ran 4 1/2" Casing