





Form	ACO1 - Well Completion
Operator	Colt Energy Inc
Well Name	PENDLEY 31
Doc ID	1317600

#### Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
4	1342-1344	164 BBL of Gel'd water, 5 sx of 16/30 sand, and 45 sx of 12/20 sand.	1342-1377
4	1348-1350		
4	1351-1353		
4	1355-1359		
4	1362-1364		
4	1365-1367		
4	1368-1370		
4	1374-1377		

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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	11.75	8.625	22	42	Portland	14	None
Production	6.75	4.5	9.5	1436	Thick Set	150	Pheno-Seal 2#/sx

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



# Cement or Acid Field Report

Ticket No. **2860**

Foreman Rick Lofgren

Camp Eureka KS

Date <u>8-25-16</u>	Cust. ID # <u>1003</u>	Lease & Well Number <u>Pendley #31</u>	Section <u>22</u>	Township <u>26</u>	Range <u>14E</u>	County <u>NO</u>	State <u>KS</u>
Customer <u>COH Energy, Inc.</u>			Safety Meeting <u>6:00 PM</u>	Unit # <u>105</u>	Driver <u>Don G</u>	Unit # <u>115</u>	Driver <u>Kevin R</u>
Mailing Address <u>PO Box 358</u>							
City <u>Topeka</u>	State <u>KS</u>	Zip Code <u>666749</u>					

Job Type C/S Hole Depth 1446' Slurry Vol. 50 Bbl Tubing \_\_\_\_\_  
Casing Depth 1436' Hole Size 6 3/4" Slurry Wt. 13.8" Drill Pipe \_\_\_\_\_  
Casing Size & Wt. 9.5/41" Cement Left in Casing 4'5" Water Gal/SK 9.0 Other \_\_\_\_\_  
Displacement 23.2 Bbl Displacement PSI 600 Bump Plug to 1000 BPM \_\_\_\_\_

Remarks: Safety meeting - Rig up to 4 1/2" casing. Break circulation w/ fresh water. Pump 6 sacks gel-flush w/ hulls, 5 Bbl water spacer. Mix 150 sacks thickent cement w/ 2" phenoxal/sr @ 13.8"/gal. Washout pump + line, release 4 1/2" rubber plug. Displace w/ 23.2 Bbl fresh water. Final pump pressure 600 PSI. Bump plug to 1000 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		
C107	25	Mileage		
C201	150 sacks	thickent cement		
C208	300"	2" phenoxal/sr		
C206	300"	gel-flush		
C214	40"	hulls		
C107A	8.25	for mileage bulk truck		
			Sales Tax	
Authorization <u>[Signature]</u> Title _____			Total	

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

<b>Company/Operator</b> Colt Energy Inc. P O Box 388 Iola, KS 66749		<b>Well No.</b> 31	<b>Lease Name</b> Pendley	<b>Well Location</b> 1511' fsl 1932 fcl	<b>1/4</b> SW	<b>1/4</b> NE	<b>1/4</b> NW	<b>Sec.</b> 22	<b>Twp.</b> 26s	<b>Rge.</b> 14e
<b>Job/Project Name/No.</b>		<b>Well API #</b> 15-207-29365	<b>Type/Well</b> Oil	<b>County</b> Woodson	<b>State</b> KS	<b>Total Depth</b> 1446	<b>Date Started</b> 8/22/2016	<b>Date Completed</b> 8/24/2016		
		<b>Surface Record</b>		<b>Bit Record</b>		<b>Coring Record</b>				
<b>Driller/Crew</b> Andy King Charles King	<b>Bit Size:</b> 11 1/4	<b>From</b> 0'	<b>To</b> 42'	<b>Size</b> 11 1/4	<b>Core #</b> 1	<b>Size</b> 3"	<b>From</b> 1352	<b>To</b> 1381	<b>% Rec.</b> 100	
	<b>Casing Size:</b> 8 5/8	<b>From</b> 42'	<b>To</b> 1446	<b>Size</b> 6 3/4						
	<b>Casing Length:</b> 42									
	<b>Cement Used:</b> 14sx									
	<b>Cement Type:</b> Portland									

**Formation Record**

From	To	Formation	From	To	Formation	From	To	Formation
0	77	Overburden	1472	1473	Miss Lime			
77	259	shale						
259	529	lansing lime						
529	604	shale						
604	782	Kc lime						
782	909	shale						
909	920	lime						
920	1026	shale						
1026	1038	lime						
1038	1068	shale						
1068	1083	Ft Scott lime						
1083	1091	shale						
1091	1097	lime						
1097	1106	shale						
1106	1126	sand, oil show						
1126	1272	sandy shale						
1272	1275	black shale						
1275	1342	sandy shale						
1342	1344	sandy shale, odor						
1344	1349	sandy shale, oil show						
1349	1352	oil sand						
1352	1381	core						
1381	1441	shale						
1441	1446	Miss Lime						

**Well Notes:**

ran 4 1/2" casing