



Service Order #: 73184

Date: 25-Sep-18

Well Name	Location	County	St	API#		
STATE OF CO. 3-33		ARAPAHOE	CO	05-005-07364		
Formation	Cement Via	Type Of Service	Well Type	Age	AFE#	PO#
	CASING	SURFACE		NEW		

Customer:

RENEGADE OIL & GAS

P.O. BOX 460413

AURORA

CO 80046-0413

Remarks:

SAFETY MEETING  
810 SKS, 314 BBLS ACON  
150 SKS, 32 BBLS G W/2%  
2480' - 0'

Customer Rep: ED

PH:

WELLBORE DATA				
Type	Size	Weight	Depth	Volume
Surface Casing:	8.625	24.0	2,453.0	
Production Casing:				
Intermediate:				
Drill Pipe:				
Tubing:				

Type	Size	Depth (Top)	Depth (Bot)	Volume
Liner:				
Open Hole:	12.250		2,480.0	

OTHER DATA

BHT	Max PSI	Total Depth

Packer or Retainer Type / Depth:

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Perf Depths:	#	Total
	0	0
	0	
	0	

TIME	PUMP RATES		DENSITY	PRESS	STG TOT	TOTAL	REMARKS
	WATER (gpm)	PUMP (bpm)	(lb/gal)	(psi)	(bbls)	(bbls)	
0:10	0	0.0	6.88	2,427	0.2	0.2	PSI TEST
0:11	0	0.0	6.88	30	0.2	0.2	H2O SPACER
0:14	146	0.7	13.08	91	2.6	2.6	START CMT
1:28	0	0.0	15.70	32	346	348	END CMT / START DISPLACEMENT
2:20	106	0.0	10.54	1,016	163.9	552.3	OFF LINE
2:23	0	0.1	10.53	30	163.9	552.3	PRESSURE BACK UP
2:23	0	0.0	10.51	1,016	164.6	553.0	SHUT IN 600 PSI

Summary

Max Fl. Rate	Avg Fl. Rate	Max Psi	Avg Psi
0.7	4.9	2,530	208

Customer Acknowledgement:

Service Rating:

- ☐ Satisfactory  
☐ Unsatisfactory

Cementer:

S. BOHLEN

PRODUCTS USED

A-CON BLEN 2.17 YEILD, 12.5 LB/GAL  
CLASS G CMT W/2% CaCl, .25% CF

RENEGADE OIL & GAS  
STATE O CO 3-33

