



Service Order #: 74447

Date: 30-Sep-20

Well Name	Location	County	St	API#		
DOTY-FEDERAL#1		WELD	CO	05-123-05518		
Formation	Cement Via	Type Of Service	Well Type	Age	AFE#	PO#
	TUBING	PLUG		REWORK		

Customer: BISON

Remarks: CLASS G CMT, 1.15 YIELD, 15.8 LBS/GAL
150 SKS, 30.7 BBL, TOC 5795' - 5404', TAG @ 5420'
80 SKS, 16.4 BBL, TOC 4704' - 4495', TAG @ 4470'
80 SKS, 16.4 BBL, TOC 3969' - 3760', TAG @ 3736'
80 SKS, 16.4 BBL, TOC 1727' - 1455', TAG @ 1384'
100 SKS, 20.5 BBL, TOC 628' - 341', TAG @ 490'
205 SKS, 42.1 BBL, TOC 490' - 0' CMT TO SURFACE
25 SKS, 5 BBL TOP OFF

Customer Rep: BRAD

PH:

WELLBORE DATA				
Type	Size	Weight	Depth	Volume
Surface Casing:	10.375		210.0	
Production Casing:			5,800.0	
Intermediate:				
Drill Pipe:				
Tubing:	2.875	6.5	5,795.0	
Type	Size	Depth (Top)	Depth (Bot)	Volume
Liner:				
Open Hole:	9.000			

OTHER DATA		
BHT	Max PSI	Total Depth
	1,000	5,795.0

Packer or Retainer Type / Depth:

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)	
7:46	0	0.1	8.01	2,572	0.2	0.2	PSI TEST / KICK OUT TEST
7:58	0	0.0	8.21	17	1.6	1.6	START OF 10 BBL H2O
8:04	0	2.3	15.75	390	10.0	10.0	START OF CEMENT
8:15	0	2.9	12.24	126	30.7	40.8	END OF CEMENT / START OF 1 BBL H2O SPACER
8:16	0	2.9	12.11	35	1.0	42.7	START OF MUD
8:26	0	0.0	11.08	35	30.1	72.9	OFF LINE
13:12	0	0.0	8.01	12	0.0	0.0	START OF 10 BBL H2O
13:17	0	2.8	15.78	519	10.0	10.0	START OF CEMENT
13:22	52	4.1	15.97	254	16.4	26.5	END OF CEMENT / START OF 1 BBL H2O
13:25	0	4.1	11.92	51	1.1	39.4	START OF MUD
13:34	0	0.0	11.95	12	25.1	64.7	OFF LINE
18:03	0	0.0	8.00	5	0.0	0.0	START OF 10 BBL H2O
18:09	0	2.7	15.78	471	10.0	10.0	START OF CEMENT
18:15	0	2.8	13.14	102	16.4	26.6	END OF CEMENT / START OF 1 BBL H2O
18:23	13	0.0	11.45	11	20.6	49.9	OFF LINE
23:17	0	0.0	8.01	16	0.0	0.0	START OF 10 BBL H2O
23:22	0	2.4	15.86	265	10.0	10.0	START OF CEMENT
23:29	195	2.7	15.59	148	16.4	26.5	END OF CEMENT / START OF 1 BBL H2O
23:30	0	2.7	10.94	50	1.0	29.2	START OF MUD
23:33	0	0.0	10.66	47	7.5	36.8	OFF LINE
3:56	0	0.8	8.01	50	46.7	76.1	START OF 20 BBL H2O SPACER
4:08	0	2.3	15.84	130	20.0	20.0	END OF SPACER / START OF CEMENT
4:15	164	2.8	14.77	159	20.5	40.5	END OF CEMENT / START OF DISPLACEMENT
4:17	0	0.0	9.98	11	1.7	44.1	OFF LINE

Customer Acknowledgement:

Service Rating:

Cementer:

PRODUCTS USED

- ☐ Satisfactory
☐ Unsatisfactory

R.GARCIA



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9:11	0	0.7	8.55	16	0.1	0.1	START OF H2O SPACER
9:39	0	0.0	15.59	16	22.1	22.1	START OF CEMENT
9:55	0	0.0	11.91	0	42.2	64.2	CEMENT TO SURFACE

Summary

Max Fl. Rate	Avg Fl. Rate	Max Psi	Avg Psi
4.1	0.5	2,584	147

Customer Acknowledgement:

Service Rating:

- ☐ Satisfactory
☐ Unsatisfactory

Cementer:

R.GARCIA

PRODUCTS USED

DOTY-FEDERAL #1 BISON

