



Service Order #: 73227

Date: 27-Nov-18

Well Name	Location	County	St	API#
FEDERAL WELD 1		WELD	CO	

Formation	Cement Via	Type Of Service	Well Type	Age	AFE#	PO#
	TUBING	PLUG		REWORK		

Customer:

BISON

Remarks:

TEST H2O, PH 8.1, PPM 801, TEMP 50*
SAFETY MEETING
225 SKS, 46.1 BBLS
TOC IN OH 6502' - 5737'

Customer Rep: GARY

PH:

WELLBORE DATA

Type	Size	Weight	Depth	Volume
Surface Casing:				
Production Casing:				
Intermediate:				
Drill Pipe:				
Tubing:	2.875	6.5	6,502.0	

Type	Size	Depth (Top)	Depth (Bot)	Volume
Liner:				
Open Hole:	7.875	302.0	6,502.0	

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)	
16:27	0	0.0	0.00	0	0.0	0.0	Paused 16:27:40-16:27:44
16:44	0	0.2	3.83	1,241	43.1	96.8	LOW PSI KICK OUT TEST / 1000 PSI
16:44	0	0.1	3.83	2,217	43.1	96.8	HIGH PSI KICK OUT TEST / 2000 PSI
16:50	0	0.0	3.83	47	0.0	0.0	H2O SPACER
16:53	0	0.0	3.83	185	2.9	2.9	OFF LINE
17:17	0	0.0	3.83	269	2.9	2.9	START BACK UP
17:22	32	2.0	3.83	538	10.0	10.0	END SPACER / START CMT
17:45	48	2.0	3.83	104	46.2	56.2	END CMT / START H2O SPACER
17:46	12	2.0	3.83	12	1.1	57.9	END SPACER / START MUD
18:01	0	0.0	3.83	135	31.9	90.0	OFF LINE

Summary

Max Fl. Rate Avg Fl. Rate Max Psi Avg Psi
2.0 2.0 2,217 199

Customer Acknowledgement:

Service Rating:

- ☐ Satisfactory
☐ Unsatisfactory

Cementer:

S. BOHLEN

PRODUCTS USED

CLASS G CMT W/2% C-20 RETARDER
1.15 YEILD, 15.8 LB/GAL