



Service Order #: 75332C

Date: 04-May-18

Well Name	Location	County	St	API#		
THAYER #1		WELD	CO	05-123-11084		
Formation	Cement Via	Type Of Service	Well Type	Age	AFE#	PO#
	TUBING	PLUG	GAS	REWORK		

Customer: ENERPLUS

Remarks: \*Takes 1/2 bbl to Clear Pump & Lines\*  
 Plug 1: 42 bbls / 205 sks (685 - 0)  
 \*Tagged @: 280 (5/3/2018)  
 Plug 2 (Surf plug): 47.6 bbls / 233 sks (280 - 0)

Customer Rep: BRYAN OLMSTEAD PH:

WELLBORE DATA				
Type	Size	Weight	Depth	Volume
Surface Casing:	8.625	24.0	217.0	
Production Casing:				
Intermediate:				
Drill Pipe:				
Tubing:	2.375	4.7	685.0	
Type	Size	Depth (Top)	Depth (Bot)	Volume
Liner:				
Open Hole:	7.875	217.0	3,345.0	

OTHER DATA		
BHT	Max PSI	Total Depth
	1,000	685.0

Packer or RetainerType / Depth:

Perf Depths:	#	Total

TIME	PUMP RATES		DENSITY	PRESS	STG TOT	TOTAL	REMARKS
	WATER (gpm)	PUMP (bpm)	(lb/gal)	(psi)	(bbls)	(bbls)	
9:01	0	0.1	6.88	3,750		0.1	PSI TEST LINES
9:02	0	0.1	6.88	50		0.0	CIRCULATE TUBING CLEAN
9:09	0	2.0	6.88	265		11.9	SHUT DOWN - RIG PULL PIPE
10:27	0	0.0	6.88	0		0.0	ESTABLISH CIRCULATION
10:34	0	1.9	6.88	52		13.3	SHUT DOWN - CIRCULATION ESTABLISHED
10:35	0	0.0	6.89	19		0.0	BATCH UP CEMENT TO 15.8 PPG
10:40	0	0.2	16.21	6		0.0	PUMP CEMENT
11:12	0	0.8	14.82	0		68.7	END CEMENT (71.7 BBLs PUMPED)
11:12	0	0.8	14.82	0		0.0	DISPLACE CEMENT WITH H2O TO CLEAN LINES
11:13	0	0.1	13.98	0		0.7	SHUT DOWN - END PLUG
11:16	0	0.0	8.41	0		0.7	- END DAY 1 (5/2/2018) -
11:19	0	0.0	9.08	0		0.7	- DAY 2 (5/3/2018) *DID NOT PUMP -
9:18	0	0.0	6.88	0		0.0	- BEGIN DAY 3 (5/4/2018) -
9:19	0	0.0	6.88	3,993		0.1	PSI TEST LINES
9:20	0	0.2	6.88	234		0.0	ESTABLISH CIRCULATION
9:21	0	1.5	6.88	0		2.0	SHUT DOWN - CIRCULATION ESTABLISHED
9:23	0	0.0	6.91	0		0.0	BEGIN BATHCING UP CEMENT TO 15.8 PPG
9:30	0	0.3	15.92	0		0.0	PUMP CEMENT
9:52	0	0.2	15.92	0		46.4	SHUT DOWN - RIG POON & NIPPLE DOWN
10:29	0	0.3	15.53	0		0.0	TOP OFF WELL
10:34	0	0.0	15.64	0		1.2	SHUT DOWN - END JOB

Customer Acknowledgement:

Service Rating:

- ☐ Satisfactory  
☐ Unsatisfactory

Cementer:

CORY THAUT

PRODUCTS USED

\*Cement plugs: Class G (neat)  
 Density: 15.8 ppg / Yield: 1.15



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**Summary**

Max Fl. Rate	Avg Fl. Rate	Max Psi	Avg Psi
2.0	0.9	3,993	35

Customer Acknowledgement:

Service Rating:

- ☐ Satisfactory  
☐ Unsatisfactory

Cementer:

CORY THAUT

**PRODUCTS USED**

\*Cement plugs: Class G (neat)  
Density: 15.8 ppg / Yield: 1.15