



MDS Energy Development, LLC PLUG & ABANDON POST JOB REPORT

**DORIS #1 05-123-12695
S:10 T:7N R:59W Weld CO**

CallSheet #: 88131
Proposal #: 70742



PLUG & ABANDON Post Job Report

Attention: Matthew Hoffman | (970) 380-0811 | matthew.hoffman@iptwell.com
MDS Energy Development, LLC
409 Butler Road Suite A | Kittanning, PA 16201

Dear Matthew Hoffman,

Thank you for the opportunity to provide cementing services on this well. American Cementing strives to achieve complete customer satisfaction. If you have any questions regarding the services or data provided, please contact American Cementing at any time.

Sincerely,

Aimee Sankovich

Field Engineer I | (307) 689-0323 | aimee.sankovich@americancementing.com

Field Office 1716 E Allison Rd, Cheyenne, WY 82007
Phone: (307) 414-0049

Job Details & Summary

Geometry

Type	Function	OD (in)	ID (in)	Weight (lb/ft)	Top (ft)	Bottom (ft)	Excess (%)
Casing	Outer	10.75	10.192	32.75	0	319	0
Open Hole	Outer		7.875		319	6789	0
Tubing	Inner	2.875	2.441	6.4	0	5965	0

Equipment / People

Unit Type	Unit
Cement Trailer Float	CTF-408
Cement Utility Float	CUF-162
Cement Pump Body Load	CPF-065

Timing

Event	Date/Time
Call Out	8/4/2023 11:00
Depart Facility	8/4/2023 11:30
On Location	8/4/2023 12:00
Rig Up Iron	8/4/2023 12:15
Job Started	8/4/2023 12:30
Job Completed	8/4/2023 22:50
Rig Down Iron	8/4/2023 23:15
Depart Location	8/4/2023 23:59

General Job Information

Metrics	Value
Well Fluid Density	8.4 lb/gal
Well Fluid Type	Water
Calculated Displacement	1.2 bbls
Actual Displacement	1.2 bbls
Total Spacer to Surface	0 bbls
Total CMT to Surface	1 bbls
Well Topped Out	Yes
Top Out Volume	1 bbls

Job Details

Metrics	Value
Flare Prior to Job	No
Flare Prior to Job	0 units
Flare During Job	No
Flare During Job	0 units
Flare at End of Job	No
Flare at End of Job	0 units
Well Full Prior to Job	Yes
Well Fluid Density Into Well	8.4 lb/gal
Well Fluid Density Out of Well	8.4 lb/gal

Job Details (cont.)

Metrics	Value
BHCT	170 °F
BHST	203 °F

Water Analysis

Metrics	Value	Recommended
Water Source	Upright Rig Tank	
Temperature	65 °F	50-80 °F
pH Level	7	5.5-8.5
Chlorides	0 mg/L	0-3000 mg/L
Total Alkalinity	140	0-1000
Total Hardness	250 mg/L	0-500 mg/L
Carbonates	80 mg/L	0-100 mg/L
Sulfates	<200 mg/L	0-1500 mg/L
Potassium	0 mg/L	0-3000 mg/L
Iron	0 mg/L	0-300 mg/L

Circulation

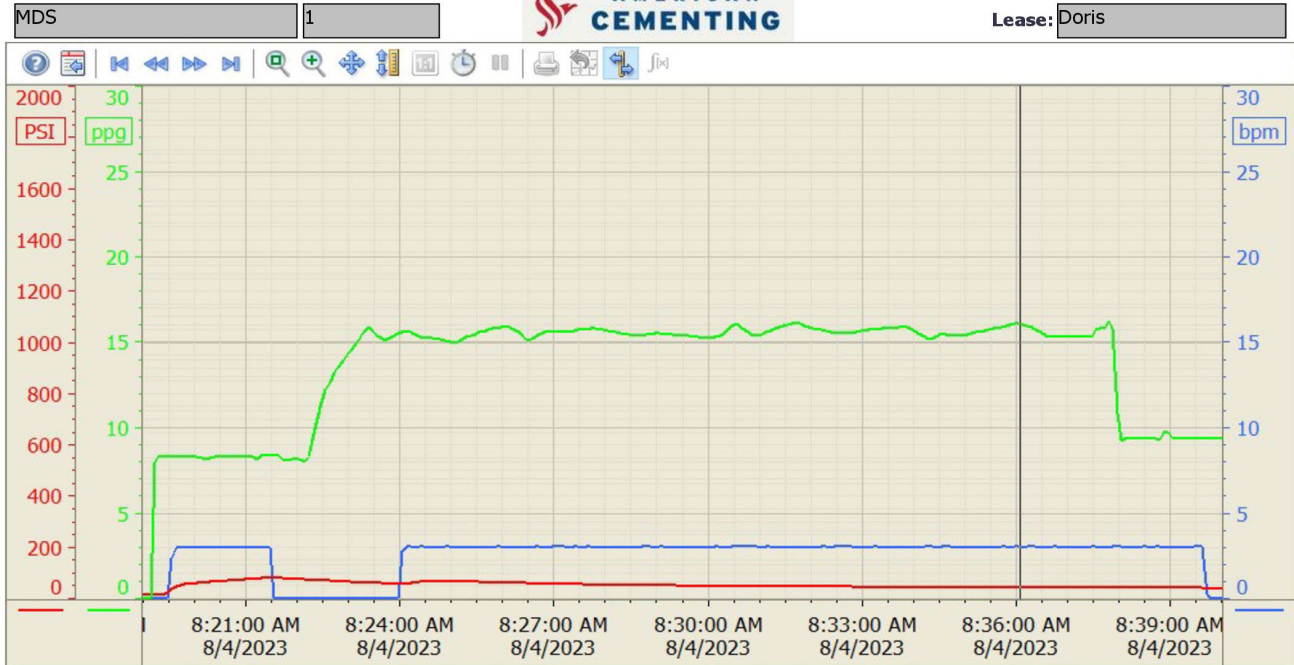
Lost Circulation Experienced
No

Job Logs

Line	Event	Date (MM/DD/YY)	Time (HH:MM)	Density (lb/gal)	Pump Rate (bpm)	Pump Volume (bbls)	Pipe Pressure (psi)	Comment
1	Arrive On Location	8/4/2023	00:00					Start day 2 ticket
2	Pump Spacer	8/4/2023	08:20	8.34	3	10	100	Pump 10 bbls fresh water spacer
3	Pump Cement	8/4/2023	08:24	15.8	3	43.3	50	Pump 43.3 bbls cement @ 15.8 ppg (210 sks, 1.16 Y, 5.01 gal/sk)
4	Pump Displacement	8/4/2023	08:39	8.34	3	1	50	Pump 1 bbls fresh water displacement
5	Shutdown	8/4/2023	08:40					Shutdown
6	Other	8/4/2023	08:43					POOH, Waiting on rig to tag cement after 4 hours
7	Pump Spacer	8/4/2023	15:41	8.34	3	10	100	Pump 10 bbls fresh water spacer
8	Pump Cement	8/4/2023	15:50	15.8	3	45.4	50	Pump 45.4 bbls cement @ 15.8 ppg (220 sks, 1.16 Y, 5.01 gal/sk)
9	Pump Displacement	8/4/2023	16:08	8.34	3	0.5	50	Pump 0.5 bbls fresh water displacement
10	Shutdown	8/4/2023	16:09					Shutdown
11	Other	8/4/2023	16:11					POOH, Waiting on rig to tag cement after 4 hours
12	Pump Cement	8/4/2023	22:45	15.8	1	3.5	50	Pump 3.5 bbls cement @ 15.8 ppg (17 sks, 1.15 Y, 5.0 gal/sk)
13	Shutdown	8/4/2023	22:50					Shutdown cement to surface, 1 bbl cement to surface
14	Safety Meeting	8/4/2023	23:00					Safety meeting
15	Rig Down Iron	8/4/2023	23:15					Rigged down all equipment
16	Depart Location	8/4/2023	23:59					Crew departed location

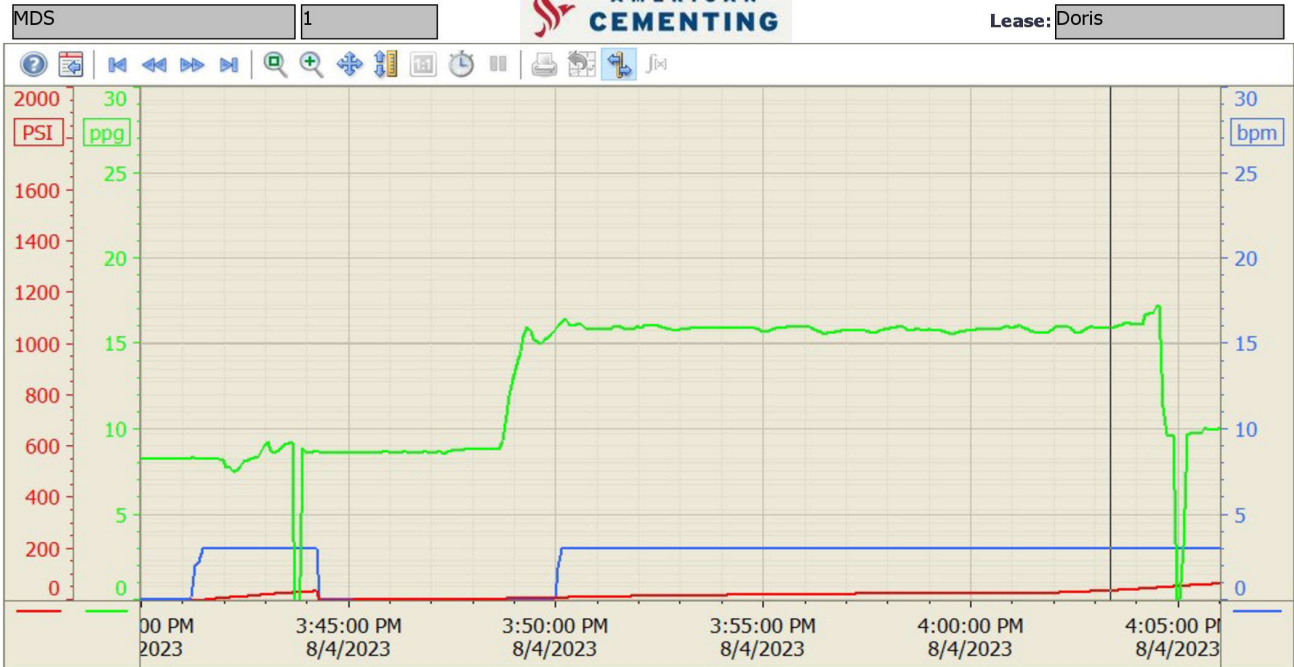
Pump Diagrams

Summary Trend



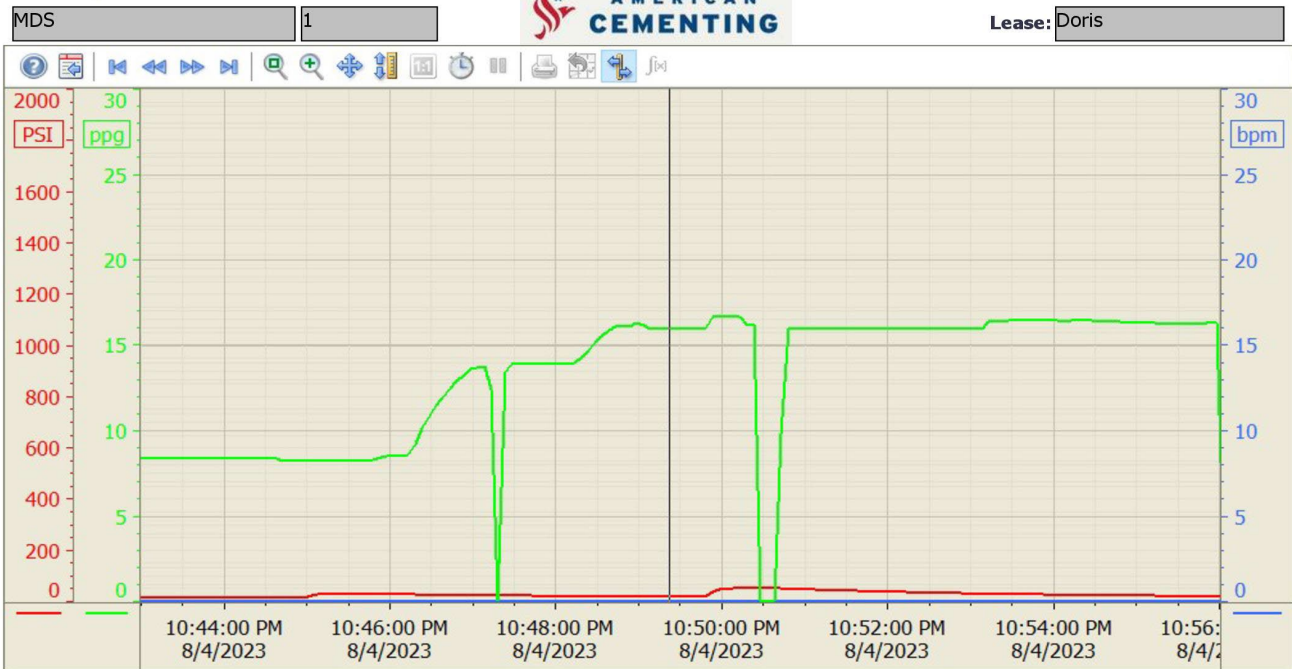
8/4/2023 4:35:54 PM

Summary Trend



8/4/2023 4:36:48 PM

Summary Trend



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