MDS Energy Development, LLC
PLUG & ABANDON POST JOB REPORT

JESSE NEWTON #1 05-123-05389
S:10 T:7N R:59W Weld CO

CallSheet #: 88261
Proposal #: 70975

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	135	0
Casing	Inner	7	6.276	26	0	135	0

Equipment / People

Unit Type	Unit
Cement Trailer Float	CTF-338
Cement Pump Float	CPF-057
Light Duty Vehicles	LDV-113

Timing

Event	Date/Time
Call Out	8/16/2023 02:00
Depart Facility	8/16/2023 04:00
On Location	8/16/2023 06:00
Rig Up Iron	8/16/2023 06:15
Job Started	8/16/2023 07:51
Job Completed	8/16/2023 08:12
Rig Down Iron	8/16/2023 08:30
Depart Location	8/16/2023 09:00

General Job Information

Metrics	Value
Well Fluid Density	8.34 lb/gal
Well Fluid Type	Water
Rig Circulation Vol	25 bbls
Rig Circulation Time	1 hours
Calculated Displacement	4.4 bbls
Actual Displacement	4.4 bbls
Total Spacer to Surface	10 bbls
Total CMT to Surface	2 bbls
Well Topped Out	No

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	8.34 lb/gal
Well Fluid Density Out of Well	8.34 lb/gal

Job Details (cont.)

Metrics	Value
BHCT	70 °F
BHST	73 °F

Water Analysis

Metrics	Value	Recommended
Water Source	Upright Rig Tank	
Temperature	77 °F	50-80 °F
pH Level	7	5.5-8.5
Chlorides	350 mg/L	0-3000 mg/L
Total Alkalinity	0	0-1000
Total Hardness	0 mg/L	0-500 mg/L
Carbonates	0 mg/L	0-100 mg/L
Sulfates	0 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 Execution Information

Fluid	Product	Function	Density (lb/gal)	Yield ($ft^{3/sk}$)	Water Rq. (gal/sk)	Water Rq. (gal/bbl)	Volume (sks)	Volume (bbl)	Designed Top (ft)
1	Flush Ahead	Flush	8.34			42.00		5.00	0
2	Primary	Primary	15.80	1.15	5.00		35.00	7.16	0
3	Displacement	DisplacementFinal	8.34			42.00		5.00	0

Job Fluid Details

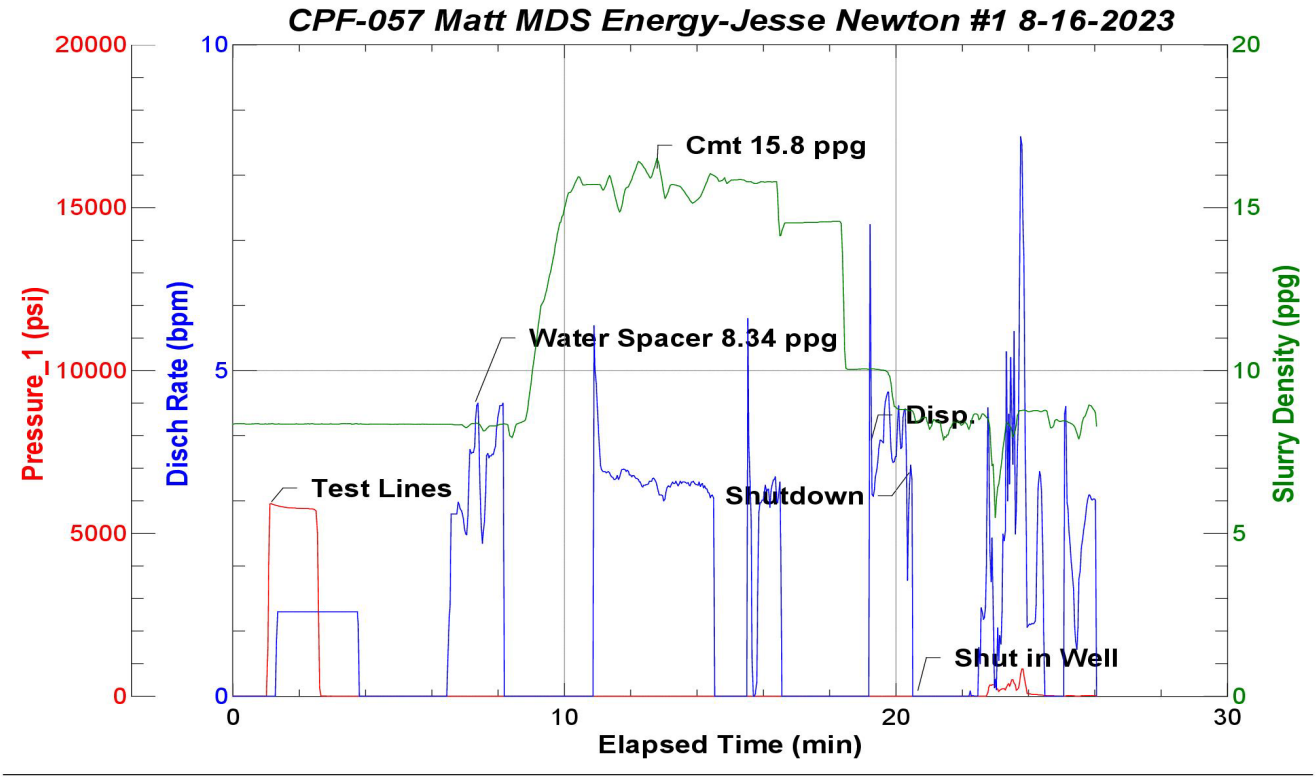
Fluid	Type	Fluid	Product	Function	Conc.	Uom
2	Primary	Primary	CLASS G	Cement	100.00	%

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	8/16/2023	06:00					AC crew on Location and Start Service
2	Safety Meeting	8/16/2023	06:15					AC crew Rig up Safety Meeting
3	Rig Up Iron	8/16/2023	06:30					AC crew Rig up Iron
4	Safety Meeting	8/16/2023	07:45					Safety Meeting with Ac Crew and Rig Crew
5	Load Lines	8/16/2023	07:51	8.34	1	2	25	Load Lines and Establish flow
6	Pressure Test Lines	8/16/2023	07:53	8.34				Testing Lines to 2500 psi
7	Pump Spacer	8/16/2023	07:56	8.34	2.8	10	110	Pump Freshwater Spacer 8.34 ppg
8	Pump Cement	8/16/2023	08:00	15.8	3.3	13	114	Pump Cement @ 15.8 ppg, Started to see cement back to surface at 11 bbls of cmt gone, customer ask to pump 2 more bbls of cement and start displacement.
9	Pump Displacement	8/16/2023	08:06	8.34	3.7	4.4	95	Started Displacement, left 15ft of cement in the bottom of the casing
10	Shutdown	8/16/2023	08:12					Shut in well with 0 PSI
11	Safety Meeting	8/16/2023	08:20					Safety Meeting with Ac Crew for rig down
12	Rig Down Iron	8/16/2023	08:30					AC crew rig down iron
13	Stop Service	8/16/2023	09:00					Stop Service

Pump Diagrams

JobMaster Program Version 5.01C1
Job Number: 88261
Customer: MDS
Well Name: Jesse Newton #1



Job Start: Wednesday, August 16, 2023