

Post Job Report



Service with Integrity

Customer: IBISON IV OPERATING LLC

Job Type: Plug and Abandonment

Job Date: 06/29/2024

Well Name: [DEFORD 1](#)

API #: 05-123- 14507

Service Station: Cheyenne

Client Representative: Jake Van Bramer

Sales Representative: Josh Hoffman

Author: Yithanlily Silvester

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1. Well Properties


Well Properties	
Hole Size (in)	7.785
Casing Size (in)	8.625
Grade / Weight (lb/ft)	TBD
TVD/TMD (ft)	6765
BHCT / BHST (F)	153/181 (TD)

Cement Blend Data

This is the blend data of the Cement ordered for the job.

Blend Description	Cement Properties
Base Cement Blend : MAG G 15.8	
Mix Water (gal/sk)	4.99
Yield (ft ³ /sk)	1.15

2. Job Sequence / Procedure 1 of 2

US Treatment Report						
						
Customer: BISON OIL & GAS Rep: Rusty Tucker		Rig: Rigless Well: Deford 1		Job #: JOB00186362 Job Date: 6/29/2024		
Supervisor: Wayne Silvester				Time Requested: 9:00:00 AM		
Job Type: US Remedial Plug-Abandonment		UWI: DEFORD 1 Surface: DEFORD 1		Time Arrived: 8:00:00 AM Time Released: 10:00:00 PM		
50 sk	MAG G 15.8 + 0.30% MCFR-2 + 0.40% MCR-1 + 0.10% MCDF-P					
	Yield: 1.15 ft ³ /sk = 10.24bbbls		Mix Water: 4.99 gal/sk = 249.5gal			
100 sk	MAG G 15.8 + 0.30% MCFR-2 + 0.40% MCR-1 + 0.10% MCDF-P					
	Yield: 1.15ft ³ /sack = 20.48bbbls		Mix Water: 4.99gal/sack = 499gal			
100 sk	MAG G 15.8 + 2.00% MCA-1 + 0.30% MCFR-2 + 0.10% MCDF-P					
	Yield: 1.15ft ³ /sack = 20.48bbbls		Mix Water: 4.99gal/sack = 499gal			
254 sk	MAG G 15.8 + 2.00% MCA-1 + 0.30% MCFR-2 + 0.10% MCDF-P					
	Yield: 1.15ft ³ /sack = 15.98bbbls		Mix Water: 4.99gal/sack 1267.46gal			
BHCT (F)	153	BHST (F)	181	TUBING Size (in)	2.875	
TUBING Weight (lb/ft)	6.5	TUBING Size (in)	2.875	TUBING Grade	L80	
TUBING Weight (lb/ft)	6.5	TUBING Size (in)	2.875	TUBING Weight (lb/ft)	6.5	
Mud Density (lb/gal)	9.5	Mud Type	WBM	TMD (ft)	6737	
TVD (ft)	6737			TUBING Size (in)	2.875	
Treatment Info: Sacks Used: 504 Sacks Not Used: 0						
Preflush: 5bbls Fresh Water & 10bbls Fresh Water & 20bbls Fresh Water & 30bbls Fresh Water						
				Circulation Time:	1	
				Slurry Temp:	74	
				Water Temp:	66	
				Bulk Temp:	81	
				Air Temp:	81	
				Slurry Returns:	Plug Bumped:	
				Cement Class:	OWG	
				Pump Out Lines:	Yes	
				Humidity:	14	
				Float Held:	0	
				Precipitation:	0	
Displace: 36bbls Fresh Water & 31bbls Fresh Water & 6bbls Fresh Water						
Further Blend Details:						
Prehydrated: YES						
Additional Details (General Notes):						
Time	Pressure psi	Annular Pressure psi	Volume Per Stage bbls	Total Stage Volume bbls	Rate bbls/min	Treatment Detail
08:00	0.00					Arrive on Location - ARRIVE ON LOCATION SPOKE WITH COMPANY REP ABOUT DEPTHS, VOL, WATER REQ, TEMP WATER TEST COMPLETE PH= 7, TOTAL HARDNESS = 50, CHLORIDES= 276 TEMP = 67 F
08:30	0.00					Safety Meeting - HELD JSA WITH RIG CREW AND COMPANY REP SPOKE ABOUT, STOP WORK AUTHORITY, PRESSURE SAFETY, HAND AWARENESS
08:50	160.00		5		1.5	Fill Lines - WITH 5 BBLs PRESSURETEST PUMP & LINES TO 2500 PSI

Job Sequence / Procedure 2 of 2

09:03	2,500.00		5	2.5	Start Pressure Test - = 2000 PSI
09:05	158.00		10.2	2.5	Pump Slurry - 50 SKS 1.15 FT3/SK 4.99 GPS = 10.2 BBLS @ 15.8 PPG WET & DRY SAMPLES TAKEN WET SAMPLE WEIGHED & VERIFIED, GOOD RETURNS, EST TOC=6595.56 FT W.O.P
09:14	160.00		36	2.5	Displace - =36 BBLS
09:25	0.00				Rig Pulls Tubing - & THEN BROKE CIRCULATION WITH 10 BBLS
10:25	56.00		20.4	2.0	Pump Slurry - 100 SKS 1.15 FT3/SK 4.99 GPS = 20.4 BBLS @ 15.8 PPG WET & DRY SAMPLES TAKEN WET SAMPLE WEIGHED & VERIFIED, GOOD RETURNS, EST TOC= 5741.12 FT W.O.P
10:30	340.00		31	2.5	Displace - =31 BBLS
11:30	0.00				Rig Pulls Tubing -
12:48	210.00		20	2.5	Pump Preflush - 20 BBLS FRESH WATER
12:58	170.00		20.4	2.5	Pump Slurry - 100 SKS 1.15 FT3/SK 4.99 GPS = 20.4 BBLS @ 15.8 PPG WET & DRY SAMPLES TAKEN WET SAMPLE WEIGHED & VERIFIED, GOOD RETURNS, EST TOC= 1152.03.12 FT W.O.P
12:59	200.00		6.0	2.5	Displace - 6.0 BBLS
13:00	0.00				Rig Pulls Tubing - W.O.C 4 HRS & THEN GET CIRCULATION WITH 4 BBLS FRESH WATER
17:00	550.00		60		Pump Slurry - 254 SKS 1.15 FT3/SK 4.99 GPS = 52.0 BBLS @ 15.8 PPG WET & DRY SAMPLES TAKEN WET SAMPLE WEIGHED & VERIFIED EST TOC= SURFACE
17:30	200.00				Displace - 1 BBLS TO CLEAR LINES W.O.C 4 HRS
18:00	0.00				Wash Up Truck
22:00	0.00				Leave Location



3. Job Graph

