

Post Job Report



Service with Integrity

Customer: BISON IV OPERATING LLC

Job Type: Plug and Abandonment

Job Date: 07/22/2024

Well Name: [David F Bryson 1](#)

API #: 05-123- 05495

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)	8.625
Casing Size (in)	5.5
Grade / Weight (lb/ft)	H55/15.5
TVD/TMD (ft)	180
BHCT / BHST (F)	76/83 (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

US Treatment Report						
Customer: BISON OIL & GAS		Rig: Rigless		Job #: JOB00188812		
Rep: Rusty Tucker		Well: David F Bryson 1		Job Date JUL 22 @ 00:00		
Supervisor: MICHAEL LOPEZ		UWI: David F Bryson 1		Time Requested: JUL 22 @ 10:28		
Job Type: US Remedial		Surface: David F Bryson 1		Time Arrived: JUL 22 @ 13:00		
Balanced Plug				Time Released: JUL 22 @ 19:00		
35 sk MAG G 15.8 + 1.00% MCA-1 + 0.30% MCFR-2 + 0.10% MCFD-P						
Yield: 1.15 ft ³ /sk = 7.17bbls			Mix Water: 4.99 gal/sk = 174.65gal			
BHCT (F)	148	BHST (F)	173	SURFACE Size (in) 8.625		
TMD (ft)	180	SURFACE Weight (lb/ft)	24	Tubing Size (in) 5.5		
Tubing Grade	L80	Tubing Weight (lb/ft)	17	Max Pressure (psi) 2000		
			Size (in) 7.875			
Treatment Info: Sacks Used: 35 Sacks Not Used: 0						
			Slurry Temp: 75 Bulk Sample: Yes			
			Water Temp: 68 Water Sample: Yes			
			Bulk Temp: 68 Slurry Sample: Yes			
			Air Temp: 85 Air Pressure: 29.9			
			8			
			0			
Cement Class: Type III			Humidity: 31 Precipitation: 0			
Displace: 3bbls Fresh Water						
Time	Pressure psi	Annular Pressure psi	Volume Per Stage bbls	Total Stage Volume bbls	Rate bbls/min	Treatment Detail
13:00	0.00					Arrive on Location - SPOKE WITH COMPANY MAN; WATER TESTED: PH-8; HARDNESS-25 PPM; CHLORIDES- 296 PPM
17:00	0.00					Safety Meeting
17:18	1,000.00		1.5	1.5	1	Pump Preflush - JOB TRIPS (OVER PRESSURE KICKOUTS) WERE SET @ 1000 PSI AND TRUCK TRIPPED OUT. MOVED ON WITH THE PRESSURE TEST.
17:21	2,800.00					Start Pressure Test -
17:26	539.00				1	Attain Circulation to Surface - FRESH WATER; JOB TRIPS LOWERED TO 500 PSI; TRIPPED OUT; TALKED WITH RIG CREW AND ASKED IF EVERYTHING WAS LINED OUT; BLED OFF PRESSURE
17:29	538.00				1	Attain Circulation to Surface - TRIPS @ 500 PSI; BLED BACK PRESSURE
17:33	539.00				.4	Attain Circulation to Surface - TRIPS @ 500 PSI; TRIPLEX IN GEAR @ IDLE; TRIPPED OUT; BLED BACK PRESSURE
17:38	1,217.00				.4	Attain Circulation to Surface - TALKED TO COMPANY REP: TRIPS RAISED TO 1500 PSI; TRIPLEX IN GEAR @ IDLE; TRIPPED OUT; BLED BACK PRESSURE
17:39	1,144.00				.4	Attain Circulation to Surface - TRIPS @ 1500 PSI; TRIPLEX IN GEAR @ IDLE; TRIPPED OUT; BLED PRESSURE BACK
17:41	0.00					Attain Circulation to Surface - RIG PULLED UP ABOVE TROUBLED ZONE
17:45	1,598.00		8	8	1.5	Attain Circulation to Surface - TRIPS RAISED TO 2000 PSI; CIRCULATION WAS ATTAINED: PRESSURE DROPPED TO 85 PSI; PUMP WAS BROUGHT UP TO 1.5 BPM WITH 100 PSI.
17:51	0.00					Stop Pumping
18:06	100.00		7.1	7.1	1.5	Pump Slurry - MAG G 15.8; 35 SKS + ADDITIVES; 1.15 CUFT/SKS; 4.99 GAL/SK; 94 LBS/SK; TOC: SURFACE ; WET SAMPLE WEIGHED

18:13	600.00		3	3	1.5	Displace - FRESH WATER; 50 FT OF CEMENT LEFT IN 5.5 IN CASING
18:17	0.00					Stop Pumping - SHUT IN MAGNUM SERVICES 2X2 HIGH PRESSURE VALVE
19:00	0.00					Leave Location - RELEASED



3. Job Graph

