

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)	7.785
Casing Size (in)	5.5
Grade / Weight (lb/ft)	TBD
TVD/TMD (ft)	6765
BHCT / BHST (F)	148/173 (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 Rep: Rusty Tucker Supervisor: MICHAEL LOPEZ Job Type: US Remedial Balanced Plug			Rig: Rigless Well: David F Bryson 1 UWI: David F Bryson 1 Surface: David F Bryson 1		Job #: JOB00188602 Job Date: JUL 22 @ 00:00 Time Requested: JUL 22 @ 11:02 Time Arrived: JUL 22 @ 19:30 Time Released: JUL 22 @ 16:00	
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 + 1.00% MCA-1 + 0.30% MCFR-2 + 0.10% MCDF-P							
	Yield:		1.15ft ³ /sack = 20.48bbbls		Mix Water: 4.99gal/sack = 499gal			
165 sk	MAG G 15.8 + 1.00% MCA-1 + 0.30% MCFR-2 + 0.10% MCDF-P							
	Yield:		1.15ft ³ /sack = 33.79bbbls		Mix Water: 4.99gal/sack = 823.35gal			
56.5 sk	MAG G 15.8 + 2% MCA-1 + 0.3% MCFR-2 + 0.1% MCDF-P							
	Yield:		1.15ft ³ /sack = 11.57bbbls		Mix Water: 4.99gal/sack = 281.94gal			
24.7 sk	MAG G 15.8 +							
	Yield:		1.15ft ³ /sack = 5.06bbbls		Mix Water: 4.99gal/sack = 123.25gal			
BHCT (F)	148	BHST (F)	173	TUBING Size (in)	2.875			
CASING DEPTH	180	TUBING Weight (lb/ft)	6.5	CASING Size (in)	5.5			
Tubing Grade	L80	Tubing Weight (lb/ft)	17	Max Pressure (psi)	1500			
TMD (ft)	6765	TVD (ft)	6185	OPEN HOLE Size (in)	7.875			
Treatment Info: Sacks Used: 496.2 Sacks Not Used: 0								
				Circulation Time:				
				Slurry Temp: 75	Bulk Sample: Yes			
				Water Temp: 68	Water Sample: Yes			
				Bulk Temp: 68	Slurry Sample: Yes			
				Air Temp: 94	Air Pressure 29.7			
					3			
Cement Class:				Type III	Humidity: 21	Precipitation: 0		
Time	Pressure psi	Annular Pressure psi	Volume Per Stage bbls	Total Stage Volume bbls	Rate bbls/min	Treatment Detail		
19:30	0.00					Arrive on Location - SPOKE WITH COMPANY MAN; WATER TESTED: PH-8; HARDNESS-25 PPM; CHLORIDES- 296 PPM		
20:20	0.00					Safety Meeting - PREPPED FOR JOB		
20:36	350.00		2	2	2	Pump Preflush - FRESH WATER AHEAD		
20:37	2,600.00		5	5	2	Start Pressure Test - 2800 PSI; @ 20:39- PUMPED 5 BBLS AHEAD TO ESTABLISH CIRCULATION-420 PSI		
20:46	284.00		10.24	10.24	2	Pump Slurry - MAG G 15.8; 50 SKS + ADDITIVES; 1.15 CUFT/SKS; 4.99 GAL/SK; TT: 4:58; 94 LBS/SK; STAGE 1: TOC: 6595.02 FT ; WET SAMPLE WEIGHED		
20:54	586.00		36.14	36.14	3	Displace - FRESH WATER		
21:10	0.00					Stop Pumping		
21:28	0.00					PLUG 2		



21:31	500.00		4	4	2.2	Attain Circulation to Surface - FRESH WATER, PREPPED FOR JOB
21:39	700.00		20.5	20.5	2.3	Pump Slurry - MAG G 15.8; 100 SKS + ADDITIVES; 1.15 CUFT/SKS; 4.99 GAL/SK; TT: 3:17; 94 LBS/SK; STAGE 2: TOC: 5925.03 FT ; WET SAMPLE WEIGHED
21:50	586.00		32.22	32.22	3	Displace - FRESH WATER
22:03	0.00					Stop Pumping -
00:21	0.00					PLUG 3
00:25	275.00		15	15	2.2	Attain Circulation to Surface - FRESH WATER; PREPPED FOR JOB
00:40	243.00		20.5	20.5	2	Pump Slurry - MAG G 15.8; 100 SKS + ADDITIVES; 1.15 CUFT/SKS; 4.99 GAL/SK; TT: 2:16; 94 LBS/SK; STAGE 3: TOC: 1240.35 FT; WET SAMPLE WEIGHED
00:49	98.00		5.12	5.12	2	Displace - FRESH WATER
00:54	0.00					Stop Pumping - WAIT 4 HRS
05:51	0.00					PLUG 4
06:07	147.00		8	8	2	Attain Circulation to Surface - FRESH WATER; PREPPED FOR JOB
06:20	150.00		33.79	33.79	2	Pump Slurry - MAG G 15.8; 165 SKS + ADDITIVES; 1.15 CUFT/SKS; 4.99 GAL/SK; TT: 4:45; 94 LBS/SK; STAGE 4: TAGGED @ 315 FT; WET SAMPLE WEIGHED
06:39	0.00					Stop Pumping - WAIT 4 HRS
11:11	0.00					PLUG 5
11:22	100.00		4	4	2.5	Attain Circulation to Surface - FRESH WATER; PREPPED FOR JOB
11:28	120.00		11.56	11.56	3	Pump Slurry - MAG G 15.8; 56.5 SKS + ADDITIVES; 1.15 CUFT/SKS; 4.99 GAL/SK; 94 LBS/SK; STAGE 5: TAGGED @ 70 FT; WET SAMPLE WEIGHED
11:34	0.00					Stop Pumping - WAIT 4 HRS
15:30	0.00					PLUG 6
15:41	60.00		4	4	2.3	Attain Circulation to Surface - FRESH WATER; PREPPED FOR JOB
15:49	350.00		5	5	2.3	Pump Slurry - MAG G 15.8; 24.7 SKS + ADDITIVES; 1.15 CUFT/SKS; 4.99 GAL/SK; 94 LBS/SK; STAGE 5: TOC: SURFACE; WET SAMPLE WEIGHED
15:52	0.00					Stop Pumping -
16:00	0.00					Leave Location -

3. Job Graph









