



US Treatment Report

Customer: MALLARD EXPLORATION

Rep: Ray Phillips

Supervisor: MATTHEW ROSALES

Job Type: US Primary

Casing-Surface

Rig: Cartel 11

Well: Hunt Fed 8-60 19-24-1

UWI: HUNT FED 8-60 19-24-7

Surface: HUNT FED 8-60 19-24-7

Job #: JOB00130961

Job Date: Aug 02 @ 00:00

Time Requested: Aug 02 @ 04:00

Time Arrived: Aug 02 @ 02:07

Time Released: Aug 02 @ 02:07

830 sk MAG S 13.3 + 1.00% MCA-1 + 0.20% MCDP-P

Yield: 1.44 ft³/sk = 212.87bbls Mix Water: 7.01 gal/sk = 5818.3gal

BHCT (F)	91	BHST (F)	109	Surface Casing Size (in)	9.625
Surface Casing Grade	J55	Surface Casing Weight (lb/ft)	40	Funnel Vis (sec/qt)	TBD
Hole Size (in)	13.5	Max Pressure (psi)	1200	Mud Density (lb/gal)	8.33
Mud Type	WBM	Plug Size (in)	9.625	Plug Type	Rig Supplied
TMD (ft)	1978	TVD (ft)	1903		

Treatment Info: Sacks Used: 830 Sacks Not Used: 0

Preflush: 10bbls MAG Mark & 10bbls Fresh Water

Displace: 147.2bbls Fresh Water

Circulation Time: 0.75

Slurry Temp: **Bulk Sample:** Yes

Water Temp: 72 **Water Sample:** Yes

Bulk Temp: 70 **Slurry Sample:** Yes

Air Temp: 78 **Air Pressure:**

Slurry Returns: 34 **Plug Bumped:** Yes **Pump Out Lines:** Yes **Float Held:** Yes

Cement Class: **Type III** **Humidity:** 44 **Precipitation:** 0

Time	Pressure psi	Annular Pressure psi	Volume Per Stage bbls	Total Stage Volume bbls	Rate bbls/min	Treatment Detail
07:39	1,170.00					Bump Plug
03:00	0.00					Arrive on Location - RIG PULLING DRILL PIPE
06:00	0.00					Safety Meeting
06:21	250.00			3	4	Fill Lines - FRESH WATER
06:23	2,550.00				.5	Start Pressure Test - HOLD ONE MINUTE CHECK FOR LEAKS
06:24	0.00					End Pressure Test
06:29	250.00			10	4	Pump Preflush - RED DYE
06:31	210.00			10	4	Pump Preflush - FRESH WATER
06:33	600.00			213	7.5	Pump Slurry - MAG S 13.3; 830 SKS, 85#SK 1.44 YIELD, 7.01GAL/SK, 13.3PPG, VERIFIED USING PRESSURIZED SCALES
07:04	0.00					Stop Pumping - SHUT DOWN TO DROP PLUG
07:06	0.00					Drop Plug

07:08	610.00			144.5	7.5	Displace - FRESH WATER DISPLACE
07:28	0.00				2	Decrease Rate - CEMENT TO SURFACE @107 DISPLACEMENT AWAY 34 BBLS CEMENT TO SURFACE
07:40	0.00					Check Floats - FLOATS HELD 1BBL BACK TO TRUCK



Customer: MALLARD

Date: August 2, 2022

Ticket: 130961

Location: 05-123-46708

Well Name: HUNT FED 8-60 19-24-7

Job Type: SURFACE

Magnum Unit #: 1507

