

# US Treatment Report



**Customer:** MALLARD EXPLORATION  
**Rep:** Hans Cary  
**Supervisor:** VITALIJS NEVERDASOV

**Rig:** Cartel 11  
**Well:** Canvasback Fed 32-33-1HN

**Job #:** JOB00136464  
**Job Date:** 10/11/2022  
**Time Requested:** 7:00

**Job Type:** US Primary

**UWI:** SW 1/4 NW 1/4, SEC 32,  
T9N, R60W, 6TH

**Time Arrived:** 5:00

Casing-Surface

**Surface:** Canvasback Fed 32-33-1HN

**Time Released:** 12:00

800 sk MAG PR-S 13.3 + 2.00% MCA-1 + 1.00% MCA-2 + 0.20% MCDF-P + 1.50% MCLC-2 + 0.10% MCLC-F

Yield: 1.46 ft<sup>3</sup>/sk = 208.02bbls Mix Water: 7.14 gal/sk = 5712gal

BHCT (F)	91	BHST (F)	109	Surface Size (in)	9.625
Surface Grade	TBD	Surface Weight (lb/ft)	40	Float Depth (ft)	1892
Funnel Vis (sec/qt)	TBD	Max Pressure (psi)	1500	Mud Density (lb/gal)	8.34
Mud Type	water	Plug Size (in)	9 5/8	Plug Type	T&B PDC
TMD (ft)	1934	TVD (ft)	1934		

Treatment Info: Sacks Used: 800 Sacks Not Used: 0

Preflush: 20bbls Fresh Water & 10bbls MAG Mark

Slurry Returns: 55 Plug Bumped: Yes Pump Out Lines: Yes  
Cement Class: Type III Humidity: 20  
Circulation Time: 0.5 Bulk Sample: Yes  
Water Temp: 63 Water Sample: Yes  
Bulk Temp: 58 Slurry Sample: Yes  
Air Temp: 61 Air Pressure  
Float Held: Yes  
Precipitation:

Displace: 146.6bbls Fresh Water

Time	Pressure psi	Annular Pressure psi	Volume Per Stage bbls	Total Stage Volume bbls	Rate bbls/min	Treatment Detail
05:00	0.00					Arrive on Location - ARRIVED ON LOCATION. RIG IS RUNNING CASING
05:15	0.00					TEST WATER : TEMP 63/ CHLORIDES 100/ PH 8
09:00	0.00					Safety Meeting - PRE JOB SAFETY MEETING WITH ALL PERSONEL
09:15	2,700.00		2		2.0	Start Pressure Test - FILL LINES AND PRESSURE TEST
09:17	513.00		20		7.5	PUMP FRESH WATER
09:20	525.00		10		7.5	PUMP DYE
09:22	640.00		208		8.5	Pump Slurry - BATCH/ WEIGHT/ PUMP 800 SKS/ 208 BBLS 13.3 PPG SLURRY.
09:47	0.00			0		Stop Pumping - SHUTDOWN/ DROP TOP PLUG
09:53	810.00		120		8.5	Displace - FRESH WATER DISPLACEMENT.
10:07	720.00		26.6		4.0	Slow Rate Pumping - SLOW RATE
10:14	1,141.00			146.6		Bump Plug - BUMP PLUG/ 55 BBLS CEMENT TO SURFACE.
10:19	0.00					CHECK FLOATS/ 0.5 BBL BACK
10:30	0.00					Wash Up Truck

10:45	0.00					Rig Out
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Customer: MALLAED EXPLORATION

Date: 10-8-2022

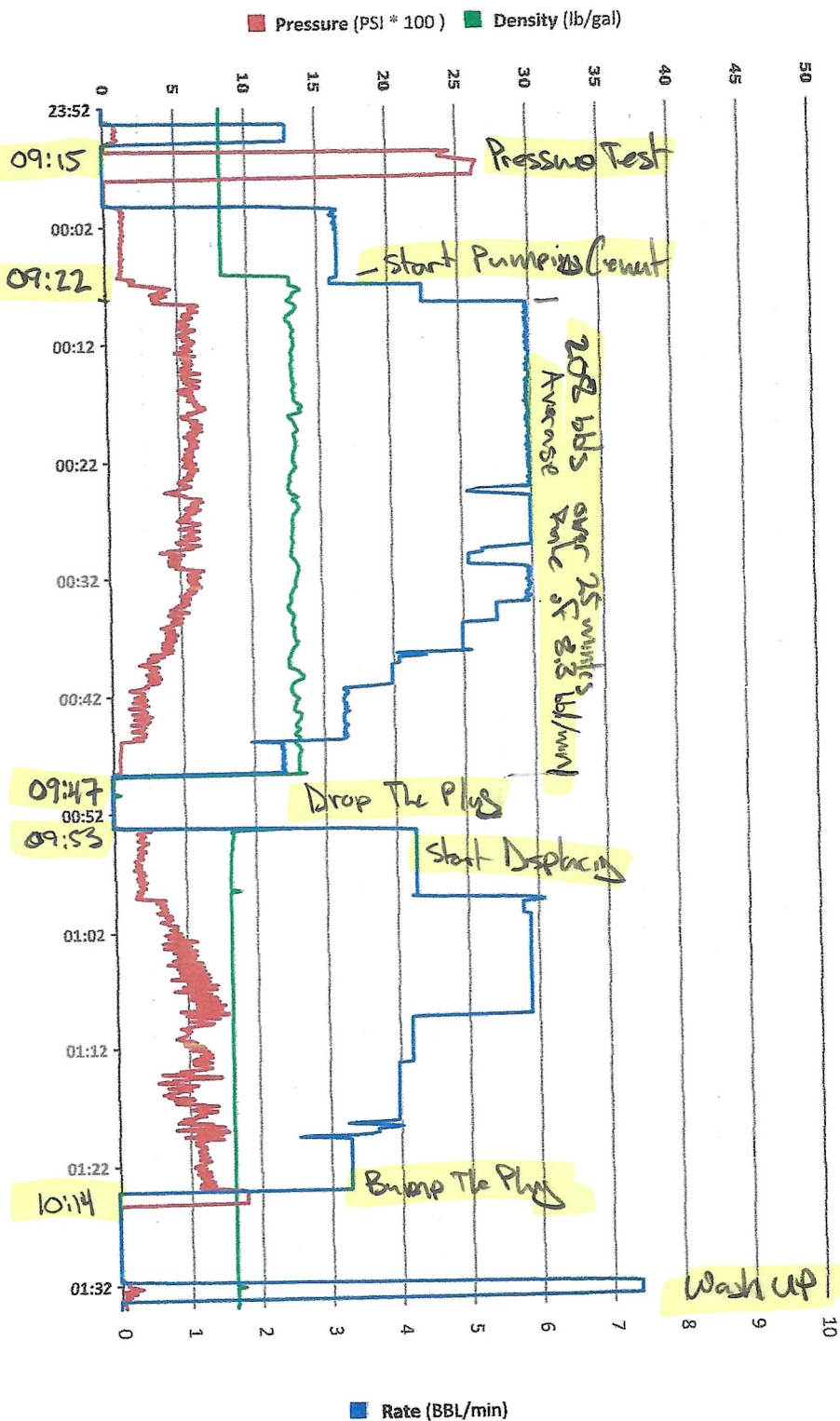
Ticket: 136462

Location: SW 1/4 NW 1/4 SEC 32 T9N R60W 6TH

Well Name: CANVASBACK 32-33-6NC

Job Type: SURFACE

Magnum Unit #: 1014





Customer: MALLARD

Date: 10/11/2022

Ticket: 136464

Location: CANVASBACK 32-33-1HN

Well Name: CANVASBACK 32-33-1HN

Job Type: SURFACE

Magnum Unit #: 1014

