



## US Treatment Report

**Customer:** PetroStar Services LLC

**Rep:** Chad Parks

**Supervisor:** Travis Tolman

**Job Type:** US Remedial  
Remedial Plug-  
Layered

**Rig:** Work Over

**Well:** Guttersen 24N

**UWI:** Guttersen 24N

**Surface:** NENW 24, 3N, 64W

**Job #:** JOB00084223

**Job Date:** Jun 16 @ 00:00

**Time Requested:** Jun 16 @ 13:00

**Time Arrived:** Jun 16 @ 12:00

**Time Released:** Jun 16 @ 14:00

123 sk MAG S 14.1 + 0.50% MCFR-2

Yield: 1.28 ft<sup>3</sup>/sk = 28.04bbls      Mix Water: 5.89 gal/sk = 724.47gal

BHCT (F)	86	BHST (F)	68	Casing 1 Casing Size (in)	4.5
Casing 1 Weight (lb/ft)	10.5	Coil Tubing (in)	1.5	Coil Tubing Length (ft)	3000
Coil Tubing WT (lb/ft)	1.84	Hole Size (in)	4.5	Max Pressure (psi)	2000
Max Tbg Pressure (psi)	7682	Mud Density (lb/gal)	8.33	Mud Type	Water
TMD (ft)	1740	TVD (ft)	1740		

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

Preflush: 10bbls Fresh Water

Displace:

Circulation Time: 0.5

Slurry Temp:      Bulk Sample: No

Water Temp:      Water Sample: No

Bulk Temp: 68      Slurry Sample: Yes

Slurry Returns: 2 Plug Bumped:      Pump Out Lines: No      Float Held:

Time	Pressure psi	Annular Pressure psi	Volume Per Stage bbls	Total Stage Volume bbls	Rate bbls/min	Treatment Detail
12:00	0.00					Arrive on Location - Met with company man to get numbers, discuss job and safety On location of 1200
12:05	0.00					Safety Meeting - Held safety meeting with company man, rig hands and crew to discuss job and safety
12:10	1,000.00		12	12	1.5	Attain Circulation to Surface
12:21	3,000.00					Start Pressure Test - Pressure test with fresh water
12:28	1,766.00		28	28	1.5	Pump Slurry - Pump 123sks of cement at 14.1#-1.28Y-5.89gps, bottom of plug 1740', top at surface
12:34	0.00					Unit pulling coil
12:48	1,843.00		3	3	1.5	Displace
12:51	120.00					Stop Pumping - Shut down
12:54	760.00		1	1	1	Displace
12:55	114.00					Stop Pumping
12:57	0.00					Wash Up Truck
13:15	0.00					Rig Out -
13:30	0.00					Leave Location



Customer: PetroStar  
Date: June 16 2020  
Ticket: 84223

Well Name: Gutttersen 24N  
UWI: Gutttersen 24N  
Job Type: Plug

Unit  
1015

# Pressure and Density





