

US Treatment Report



Customer: PetroStar Services LLC

Rep: Chad Parks

Supervisor: Stephen Cardos

Job Type: US Remedial

Balanced Plug

Rig: Work Over

Well: Guttersen 12-24

UWI: Guttersen 12-24

Surface: SWNW 24, 3N, 64W

Job #: JOB00084241

Job Date: 6-18-2020

Time Requested: 7:00

Time Arrived: 7:00

Time Released: 11:30

254.4 sk MAG S 14.1 + 0.50% MCFR-2

Yield: 1.28 ft³/sk = 58bbbls

Mix Water: 5.89 gal/sk = 1498.42gal

BHCT (F)	86	BHST (F)	68	Casing 1 Casing Size (in)	8.625
Casing 1 Grade	TBD	Casing 1 Weight (lb/ft)	24	Casing 2 Casing Size (in)	4.5
Casing 2 Grade	TBD	Casing 2 Weight (lb/ft)	10.5	Coil Tubing (in)	1.5
Coil Tubing Grade	TBD	Coil Tubing Length (ft)	1740	Coil Tubing WT (lb/ft)	TBD
Hole Size (in)	4.5	Max Pressure (psi)	2500	Mud Density (lb/gal)	8.3
Mud Type	water	Perfs Set 1 (ft)	550	Perfs Set 2 (ft)	550
TMD (ft)	1800	TVD (ft)	1800		

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

Preflush: 5bbbls Fresh Water

Circulation Time: 0

Slurry Temp: 110 **Bulk Sample:** Yes

Water Temp: 45 **Water Sample:** Yes

Bulk Temp: 60 **Slurry Sample:** Yes

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

Displace: 4bbbls Fresh Water & 4bbbls Fresh Water

Time	Pressure psi	Annular Pressure psi	Volume Per Stage bbls	Total Stage Volume bbls	Rate bbls/min	Treatment Detail
07:00	0.00					Arrive on Location - Arrive on location, requested time was 07:00
07:30	0.00					Rig pump unit into third party coil unit
08:30	0.00					Safety Meeting - Hold pre job safety meeting with all parties on location
08:42	2,800.00		2		1	Start Pressure Test - Pressure Test Lines, Good test
08:46	200.00		2		1.2	Attain Circulation to Surface - Establish circulation through coil to flow back tank
09:09	900.00		5.1		1.2	Pump Slurry - Pump 5.1bbbls of Mag S14.1, 23sks, Y: 1.28, WR: 5.89. Top of plug1480'
09:14	400.00		4		1.2	Displace - Displace Coil volume with fres water
09:18	0.00					Stop Pumping - Shut down, Coil PUH to 889'
09:30	700.00		5		1.2	Attain Circulation to Surface - Establish circulation through surface casing vlave
09:52	900.00		20		1.2	Pump Slurry - Pump 20bbbls MagS 14.1, Y: 1..28, WR: 5.89, 87.7sks Fill 4.5"casing to surface
10:14	0.00					Stop Pumping - Coil at surface, Switch to surface casing valve for returns up annulus
10:16	1,700.00		33		1.2	Pump Slurry - Fill surface casing with Mag S 14.1ppg, 144.5sks,



Customer: PDC
Date: June 18 2020
Ticket: 84241

Well Name: Gutferson 12-24
UWI: Gutferson 12-24
Job Type: Abandonment Plug

Unit
1015



