



US Treatment Report

Customer: OCCIDENTAL PETROLEUM CORP.		Job #: JOB00124186
Rep:	Rig: Ikon 12	Job Date: Apr 26 @ 00:00
Supervisor: LENNY BAEZA	Well: DB FARMS 12-1HZ	Time Requested: Apr 26 @ 14:00
Job Type: US Remedial	UWI: DB FARMS 12-1HZ	Time Arrived: Apr 26 @ 10:00
Balanced Plug	Surface: SESW SEC 9 T1N R67W	Time Released: Apr 26 @ 13:00

456 sk MAG S 14.1 + 0.40% MCFL-1 + 0.10% MCDF-P

Yield: 1.28 ft3/sk = 103.95bbls Mix Water: 5.89 gal/sk = 2685.84gal

BHCT (F)	92	BHST (F)	92	Casing Size (in)	1.5
Casing Grade	L-80	Casing Weight (lb/ft)	36	Tubing Size (in)	1.25
Hole Size (in)	13.5	TMD (ft)	900	TVD (ft)	900

Treatment Info: Sacks Used: 456 Sacks Not Used: 0

Preflush: 10bbls Fresh Water

Displace: 1.5bbls Fresh Water

Circulation Time: 0	
Slurry Temp: 73	Bulk Sample: No
Water Temp: 70	Water Sample: Yes
Bulk Temp: 60	Slurry Sample: No
Air Temp: 70	Air Pressure 29.9
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Slurry Returns: 15	Plug Bumped: Yes
Cement Class:	Type I
Pump Out Lines:	Humidity: 15
Float Held:	Precipitation: 0

Time	Pressure psi	Annular Pressure psi	Volume Per Stage bbls	Total Stage Volume bbls	Rate bbls/mi n	Treatment Detail
10:00	0.00					Arrive on Location
10:45	0.00					Safety Meeting
10:54	1,000.00					Start Pressure Test
10:55	0.00					End Pressure Test
10:56	0.00		2	2	1.5	Fill Lines - Water Temp: 70 (pH: 6) (Chlorides (mg/L): 550) (Total Hardness (mg/L): 100)
11:00	750.00		100	102	2	Pump Slurry - 456 sk (Yield:1.28 Weight:14.1 Water: 5.89) (MAG S14.1) (.4% Cement Fluid Loss .1% Defoamer)
11:54	750.00		1.5	103.5	1.5	Displace - 1.5 bbls of displacement.
12:15	0.00					Wash Up Truck
12:45	0.00					Rig Out - Total of 15 bbls of cement to surface. (Average PSI: 670) (Average Rate: 2bpm)
13:30	0.00					Leave Location