



Occidental Petroleum Corporation

BERRY FARMS 8-4HZ

API # 512351859

Surface Casing

Date: November 17, 2022





2. Cement Blend Data


This is the blend data of the Cement ordered for the job.

Blend Description	Cement Properties
Base Cement Blend : MAG S 14.1	
Mix Water (gal/sk)	5.89
Yield (ft ³ /sk)	1.28
Lab Results	
Density (ppg)	14.1
Working Time (hr:min)	2:13
Thickening Time (hr:min)	3:05
Compressive Strength (psi/12h)	698
Compressive Strength (psi/24h)	1070
Mix water Temperature (°F)	60
Slurry Temperature (°F)	88



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3. Job Sequence

		US Treatment Report				
Customer: OCCIDENTAL PETROLEUM CORP.		Job #: JOB00140861				
Rep: David Cornett		Rig: Ikon 12		Job Date: Nov 17 @ 00:00		
Supervisor: JAMES RAGLE		Well: BERRY FARMS 8-4HZ		Time Requested: Nov 17 @ 00:00		
Job Type: US Primary Casing-Surface		UWI: BERRY FARMS 8-4HZ		Time Arrived: Nov 17 @ 19:00		
		Surface: BERRY FARMS 8-4HZ		Time Released: Nov 18 @ 02:30		
797 sk MAG PR-S 14.1 + 0.50% MCA-1 + 0.50% MCA-2 + 0.20% MCDF-P						
Yield: 1.31 ft ³ /sk = 185.95bbls Mix Water: 6.06 gal/sk = 4829.82gal						
BHCT (F)	88	BHST (F)	104	Surface Size (in)	9.625	
Surface Grade	J-55	Surface Weight (lb/ft)	36	Collapse Csg Pressure (psi)	1890	
Float Depth (ft)	1821	Funnel Vis (sec/qt)	TBD	Max Csg Pressure (psi)	4096	
Max Pressure (psi)	1300	Mud Density (lb/gal)	TBD	Mud Type	0	
Plug Size (in)	9.625	Plug Type	Rig	TMD (ft)	1847	
TVD (ft)	1847		Supplie d			
Treatment Info: Sacks Used: 797 Sacks Not Used: 69						
Treatment Info: Sacks Used: 797 Sacks Not Used: 69						
Preflush: 10bbls MAG Mark & 10bbls Fresh Water						
Displace: 141.9bbls Fresh Water						
Circulation Time: 1						
Slurry Temp: 88 Bulk Sample: Yes						
Water Temp: 60 Water Sample: Yes						
Bulk Temp: 20 Slurry Sample: Yes						
Air Temp: 20 Air Pressure: 29.5						
Slurry Returns: 22 Plug Bumped: Yes Pump Out Lines: Yes Float Held: Yes						
Cement Class: Type III Humidity: 86 Precipitation: 0						
Time	Pressure psi	Annular Pressure psi	Volume Per Stage bbls	Total Stage Volume bbls	Rate bbls/mi n	Treatment Detail
17:30	0.00					Arrive on Location - GOT NUMERS FROM COMPANY MAN. REQUESTED TIME 7:00 PM, RIG RUNNING CASING TEST WATER PH-7/ HARDNESS-250/ CHLORIDE-100
23:30	0.00					Safety Meeting - HOLD MEETING WITH RIG HANDS AND CREW
00:15	100.00			5	3	Fill Lines - FILL PUMPS AND LINES WITH MAG MARK/ DROP BOTTOM PLUG
00:19	2,000.00			0.5		Start Pressure Test - TEST PUMPS AND LINES
00:22	150.00			15	3	Pump Preflush - PUMP 10BBLS MAG MARK 10BBLS FRESH
00:29	250.00			189	5	Pump Slurry - PUMP 797SKS/ 189BBLS/ 1.31Y/ 6.06WR/ 88LBS/SK
01:06	0.00					Stop Pumping
01:08	0.00					Drop Plug - DROP PLUG WITNESSED BY COMPANY MAN

01:14	450.00			120	5	Displace - PUMP FRESH WATER CALCULATED 141 BBLS
01:42	630.00			21	3	Decrease Rate
01:47	1,300.00					Bump Plug - LAND PLUG 141 BBLS DISPLACEMENT 22 BBLS CEMENT TO SURFACE
01:52	0.00					Check Floats - FLOATS HELD 1 BBLS BACK TO PUMP
02:00	0.00					Wash Up Truck
02:30	0.00					Leave Location



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4. Job Graph

