



**Occidental Petroleum Corporation**

**BERRY FARMS 8-7HZ**

**API # 512351864**

**Surface Casing**

**Date: November 21, 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 <sup>3</sup> /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)	58
Slurry Temperature (°F)	88



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### 3. Job Sequence

 <b>US Treatment Report</b>						
<b>Customer:</b> OCCIDENTAL PETROLEUM CORP. <b>Rep:</b> David Cornett <b>Supervisor:</b> JAMES RAGLE <b>Job Type:</b> US Primary Casing-Surface			<b>Job #:</b> JOB00140865 <b>Job Date:</b> Nov 20 @ 08:00 <b>Time Requested:</b> Nov 19 @ 00:00 <b>Time Arrived:</b> Nov 21 @ 00:00 <b>Time Released:</b> Nov 21 @ 09:30			
<b>Rig:</b> Ikon 12 <b>Well:</b> BERRY FARMS 8-7HZ <b>UWI:</b> BERRY FARMS 8-7HZ <b>Surface:</b> BERRY FARMS 8-7HZ						
BHCT (F)	88	BHST (F)	104	Surface Size (in)	9.625	
Surface Grade	J-55	Surface Weight (lb/ft)	36	Float Depth (ft)	1856	
Funnel Vis (sec/qt)	TBD	Max Pressure (psi)	1300	Mud Density (lb/gal)	TBD	
Mud Type	WBM	Plug Size (in)	9.625	Plug Type	Rig Supplied	
TMD (ft)	1904	TVD (ft)	1858			
Treatment Info: Sacks Used: 830.4 Sacks Not Used: 0 Treatment Info: Sacks Used: 829.4 Sacks Not Used: 0 Preflush: 10bbbls MAG Mark & 10bbbls Fresh Water Displace: 144bbbls Fresh Water Circulation Time: 1 Slurry Temp: 88 Bulk Sample: Yes Water Temp: 58 Water Sample: Yes Bulk Temp: 19 Slurry Sample: Yes Air Temp: 19 Air Pressure: 29.5 Slurry Returns: 24 Plug Bumped: Yes Pump Out Lines: No Float Held: Yes Cement Class: Type III Humidity: 70 Precipitation: 0						
Time	Pressure psi	Annular Pressure psi	Volume Per Stage bbls	Total Stage Volume bbls	Rate bbls/min	Treatment Detail
23:00	0.00					Arrive on Location - GOT NUMBERS FROM COMPANY MAN. REQUESTED TIME 12:00 AM, RIG RUNNING CASING TEST WATER PH-7/ HARDNESS-250/ CHLORIDE-100
06:30	0.00					Safety Meeting - HOLD MEETING WITH RIG HANDS AND CREW
07:00	160.00			5	3	Fill Lines - FILL PUMPS AND LINES WITH MAG MARK/ DROP BOTTOM PLUG
07:15	2,000.00			0.5		Start Pressure Test - TEST PUMPS AND LINES
07:19	200.00			15	3.5	Pump Preflush - PUMP 5BBLS MAG MARK 10BBLS FRESH
07:24	300.00			193	5	Pump Slurry - PUMP 829SKS/ 193 BBLs/ 1.31Y/ 6.06WR/ 88LBS/SK
08:06	0.00					Stop Pumping
08:07	0.00					Drop Plug - DROP PLUG WITNESSED BY COMPANY MAN
08:11	550.00			120	5	Displace - PUMP FRESH WATER CALCULATED 144 BBLs
08:44	736.00			24	3	Decrease Rate
08:52	1,300.00					Bump Plug - LAND PLUG 144 BBLs DISPLACEMENT 24 BBLs CEMENT TO SURFACE

08:58	0.00					Check Floats - FLOATS HELD 1 BBLs BACK TO PUMP
09:00	0.00					Wash Up Truck
09:30	0.00					Leave Location



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### 4. Job Graph

