



Occidental Petroleum Corporation

BERRY FARMS 8-1HZ

API # 512351858

Surface Casing

Date: November 15, 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)	80
Slurry Temperature (°F)	80

3. Job Sequence

MS Magnum Cementing Services		Treatment Report				
Customer: Occidental Petroleum Corp.		Job #: JOB00140859				
Rep: David Cornett		Rig: Ikon 12		Job Date: Nov 15 @ 00:11		
Supervisor: Wesley Bell		Well: BERRY FARMS 8-2HZ		Time Requested:		
Job Type: US Primary		UWI: BERRY FARMS 8-2HZ		Time Arrived: Nov 15 @ 12:11		
Casing-Surface		Surface: BERRY FARMS 8-2HZ		Time Released: Nov 15 @ 18:11		
1 Grade	J-55	1 Size (mm, in)	9.625	1 Weight (kg/m, lb/ft)	36	
2 Size (mm, in)	16	BHCT ('C, 'F)	88	BHST ('C, 'F)	104	
Collapse Csg Pressure (MPa, psi)	2020	Float Depth (m, ft)	1818	Funnel Vis (sec/L, sec/qt)	TBD	
Max Csg Pressure (MPa, psi)	3520	Max Pressure (MPa, psi)	1300	Mud Density (kg/m3, lb/gal)	8.5	
Mud Type	Water based	Plug Size (mm, in)	9.625	Plug Type	Rig Supplied	
TMD (m, ft)	1867	TVD (m, ft)	1843			
Treatment Info:		Tonnes Used:		Tonnes Not Used: 0.00		
Preflush: 10m3 MAG Mark & 10m3 Fresh Water		Slurry Temp: 80		Circulation Time: 0.5		
Displace: 141.7m3 Fresh Water		Water Temp: 80		Bulk Sample: Yes		
		Bulk Temp: 40		Water Sample: Yes		
Slurry Returns:		25 Plug Bumped: Yes		Slurry Sample: Yes		
		Pump Out Lines:		Float Held: Yes		
Time	Pressure MPa	Annular Pressure MPa	Volume Per Stage m3	Total Stage Volume m3	Rate m3/min	Treatment Detail
12:00	0.00	0.00		0.00		Arrive on Location - Requested time was 13:00
14:00	0.00	0.00		0.00		Rig in pumps and lines
14:45	0.00	0.00		0.00		Safety Meeting - Review job with rig crew
15:25	2000.00	0.00		2.00	2	Start Pressure Test - Fill lines, Drop top plug, Pressure test
15:27	180.00	0.00		10.00	5	Pump Preflush - Pump 10bbl red dye
15:30	200.00	0.00		10.00	5	Pump Preflush - Pump 10bbls fresh water
15:32	220.00	0.00		186.00	5	Pump Slurry - Pump 186bbls, 797sks, Mag PR -S 14.1
16:12	0.00	0.00		0.00		Stop Pumping - Finish mixing cement
16:19	0.00	0.00		0.00		Drop Plug - Drop top rubber plug, begin displacement with fresh water.
16:31	448.00	0.00		50.00	5	Displace - 50bbls away
16:41	805.00	0.00		50.00	5	Displace - 100bbl away, Cement back at 116bbls away, 25bbls to surface
16:50	769.00	0.00		41.00	3	Bump Plug - Land plug, bump pressure to 1300
16:55	0.00	0.00		0.00		Check Floats - Floats held, 1bbl back
17:00	0.00	0.00		0.00		Wash Up Truck - wash up to rig tank
18:00	0.00	0.00		0.00		Leave Location



BERRY FARMS 8-2HZ – Surface Casing

4. Job Graph

