

Post Job Report



Service with Integrity

Customer: Occidental Petroleum Corporation

Job Type: Surface Casing

Job Date: 12/01/2023

Well Name: [Labrisa 35-4HZ](#)

API #: 05-123-52239

Service Station: Cheyenne

Client Representative: Ben Petty

Sales Representative: Steve Moore

Author: Yithanlily Silvester

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1. Well Properties


Well Properties	
Hole Size (in)	13.5
Casing Size (in)	9.625
Grade / Weight (lb/ft)	L80/36
TVD/TMD (ft)	2106/2136
BHCT / BHST (F)	88/107

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)	6.06
Yield (ft ³ /sk)	1.31
Lab Results	
Density (ppg)	14.1
Working Time (hr:min)	3:12
Thickening Time (hr:min)	3:50
Compressive Strength (psi/12h)	691
Compressive Strength (psi/24h)	1283

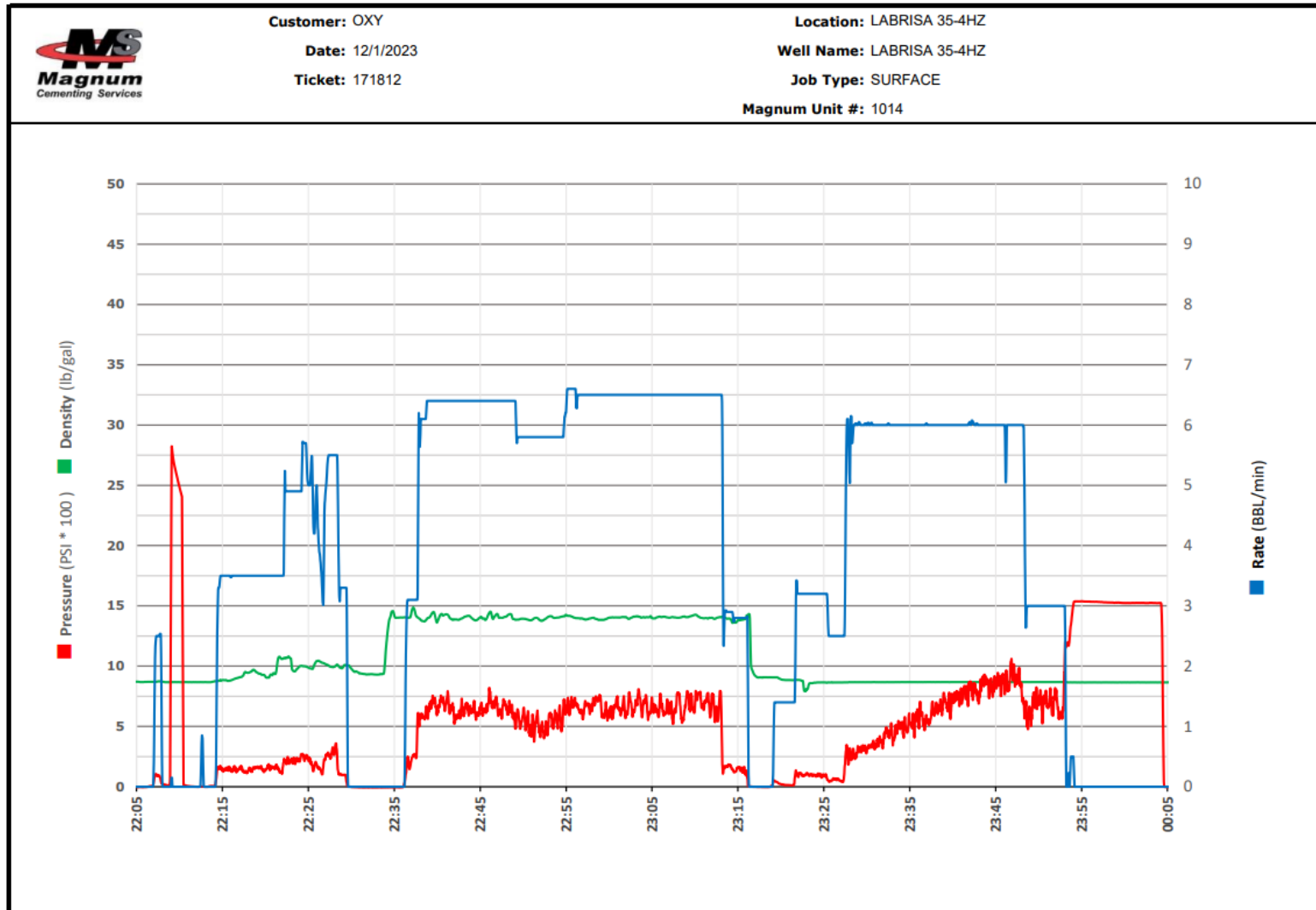
2. Job Sequence / Procedure 1 of 2

US Treatment Report						
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  </div> <div> <p>Customer: OCCIDENTAL PETROLEUM CORP.</p> <p>Rep: David Cornett Rig: IKON 112</p> <p>Supervisor: VITALIJS NEVERDASOV Well: Labrisa 35-4HZ</p> <p>Job Type: US Primary Casing-Surface UWI: Labrisa 35-4HZ</p> <p style="text-align: center;">Surface: T1N, R65W, SEC2</p> </div> <div style="text-align: right;"> <p>Job #: JOB00171812</p> <p>Job Date: 12/1/2023</p> <p>Time Requested: 16:00</p> <p>Time Arrived: 14:00</p> <p>Time Released: 20:30</p> </div> </div>						
<p>930.1 sk MAG S 14.1 + 0.25% MCA-1 + 0.10% MCDP-P</p>						
<p>Yield: 1.31 ft³/sk = 0bbls Mix Water: 6.06 gal/sk = 0gal</p>						
BHCT (F)	88	BHST (F)	107	Surface Size (in)	9.625	
Surface Grade	L80	Surface Weight (lb/ft)	36	Float Depth (ft)	2085	
Funnel Vis (sec/qt)	TBD	Max Pressure (psi)	1500	Mud Density (lb/gal)	8.5	
Mud Type	water	Plug Size (in)	9 5/8	Plug Type	Rig Supplied	
TMD (ft)	2136	TVD (ft)	2106			
<p>Treatment Info: Sacks Used: 930.1 Sacks Not Used: 0</p> <p>Preflush: 40bbls MAG Sweep & 10bbls MAG Mark & 10 BBLs FRESH WATER</p>						
<p>Circulation Time: 0.5</p>						
<p>Slurry Temp: 74 Bulk Sample: Yes</p>						
<p>Water Temp: 65 Water Sample: Yes</p>						
<p>Bulk Temp: 35 Slurry Sample: Yes</p>						
<p>Air Temp: 28 Air Pressure</p>						
<p>Slurry Returns: 29 Plug Bumped: Yes Pump Out Lines: Yes Float Held: Yes</p>						
<p>Cement Class: Type III Humidity: 25 Precipitation:</p>						
<p>Displace: 162.5</p>						
<p>Further Blend Details:</p>						
<p>Prehydrated:</p>						
<p>Additional Details (General Notes):</p>						
Time	Pressure psi	Annular Pressure psi	Volume Per Stage bbls	Total Stage Volume bbls	Rate bbls/min	Treatment Detail
14:00	0.00					Arrive on Location - ARRIVED ON LOCATION. CUSTOMER REQUESTED CREW AT 16:00. RIG IS GETTING READY TO RUN CASING
14:30	0.00					TEST WATER : TEMP 65/ CHLORIDES 100/ PH 8
17:12	0.00					Safety Meeting - PRE JOB SAFETY MEETING WITH ALL PERSONEL
17:20	0.00					Drop Plug - DROP BOTTOM PLUG
17:46	2,650.00		2		3.0	Start Pressure Test - FILL LINES AND PRESSURE TEST
17:51	148.00		10		3.5	PUMP FRESH WATER
17:54	136.00		10		3.5	PUMP DYE
17:58	136.00		40		5.0	Pump Preflush - PUMP SPACER @ 10.0 PPG
18:12	602.00		217		6.5	Pump Slurry - BATCH/ WEIGHT/ PUMP 930 SKS/ 217 BBLs 14.1 PPG SLURRY.
18:51	0.00			0		Stop Pumping - SHUTDOWN/ DROP TOP PLUG
18:54	975.00		140		6.0	Displace - FRESH WATER DISPLACEMENT.

Job Sequence / Procedure 2 of 2

19:29	1,538.00			162.5	Bump Plug - BUMP PLUG/ 29 BBLS CEMENT TO SURFACE.
19:37	0.00				CHECK FLOATS/ 1 BBL BACK
19:45	0.00				Wash Up Truck
20:10	0.00				Rig Out

3. Job Graph



4. Lab Testing Results

SECTION III: REQUIRED TEST							
TEST REQUESTED:	TT	FL	FW	RH	SGSA	UCA	WATER
	✓	<input type="checkbox"/>	<input type="checkbox"/>	✓	<input type="checkbox"/>	✓	<input type="checkbox"/>

SECTION IV: WELL INFORMATION			
CEMENT TYPE:	Surface Casing		
TMD (ft):	2122.91	BHCT °F:	88
TVD (ft):	2075	BHST °F:	107
MUD Type:			

SECTION V: BLEND INFORMATION					
Blend Name:	MAG S 14.1				
Additives	(%)	Pre-hydrated additive	Specific Condition	Density:	14.1 lbs/gal
MCA-1	0.25	<input type="checkbox"/>		Mix water:	6.06 gal/sk
MCDF-P	0.10	<input type="checkbox"/>		Yield:	1.31 ft³/sk
				Lab Cement:	<input type="checkbox"/>
				Lab Water:	✓
				Field Cement:	✓ Load: 79-1123-CY
			Wet-sieved	Field Water:	<input type="checkbox"/>

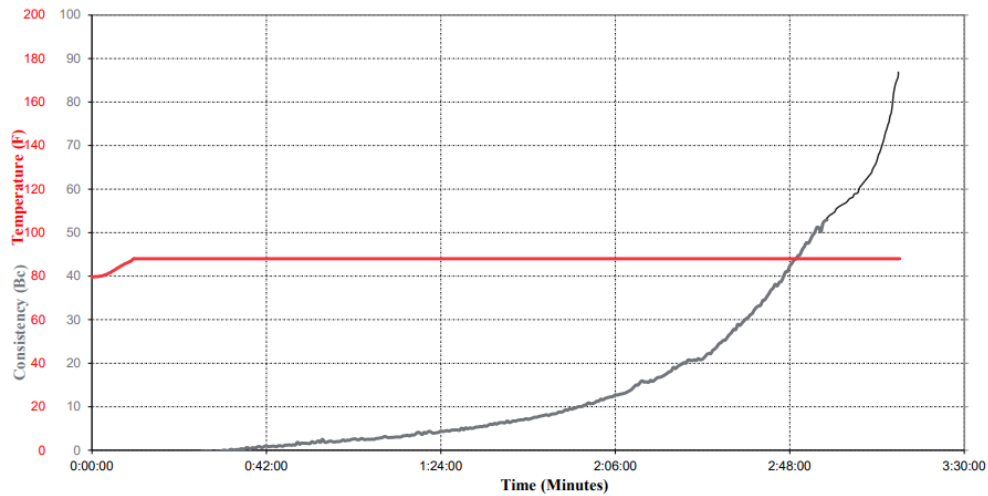
SECTION VI: TEST RESULTS		
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Load Ticket #	Working Time (40Bc)	Thickening Time (70Bc)
79-1123-CY	2:46	3:14

Compressive Strength (psi)	8hr	12hr	24hr	48hr	Time to 500 psi
				--	

Rheology (D.R.)	300	200	100	6	3	@10sec	@10min

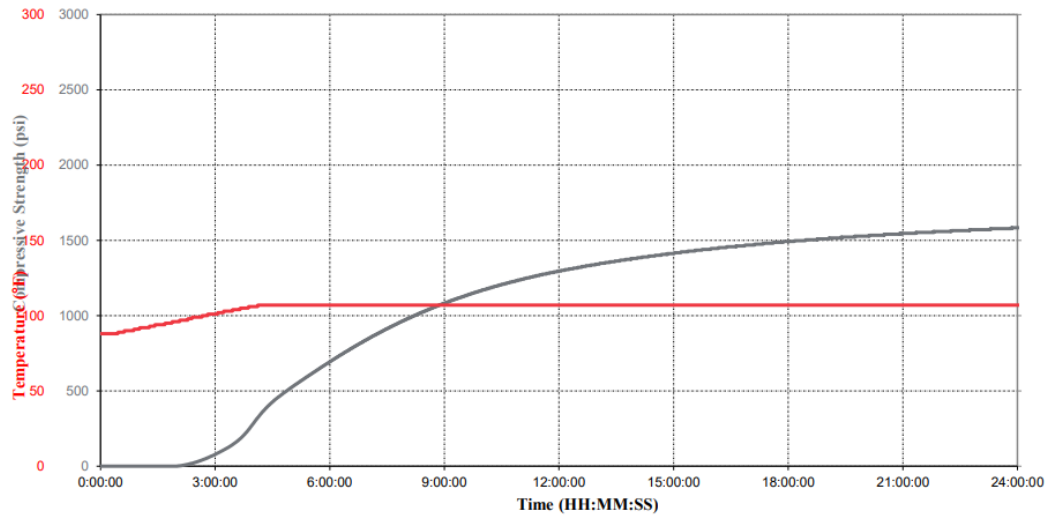
THICKENING TIME TEST RESULTS



TESTED CEMENT INFORMATION

BLEND NAME: MAG S 14.1
 BHCT °F: 88
 WORKING TIME (40Bc): 2:46
 THICKENING TIME (70Bc): 3:14

COMPRESSIVE STRENGTH (UCA) TEST RESULTS



BLEND NAME: MAG S 14.1

BHST °F: 107

STRENGTH @8hr (psi)	STRENGTH @12hr (psi)	STRENGTH @24hr (psi)	STRENGTH @ 48hr (psi)	TIME TO 500 psi (HH:MM)
	1296	1584	--	4:52