

Post Job Report



Service with Integrity

Customer: Occidental Petroleum Corporation

Job Type: Surface Casing

Job Date: 12/01/2023

Well Name: [Labrisa 35-3HZ](#)

API #: 05-123-52238

Service Station: Cheyenne

Client Representative: Ben Petty

Sales Representative: Steve Moore

Author: Yithanlily Silvester

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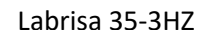
1. Well Properties

Well Properties	
Hole Size (in)	13.5
Casing Size (in)	9.625
Grade / Weight (lb/ft)	L80/36
TVD/TMD (ft)	2085/2112
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

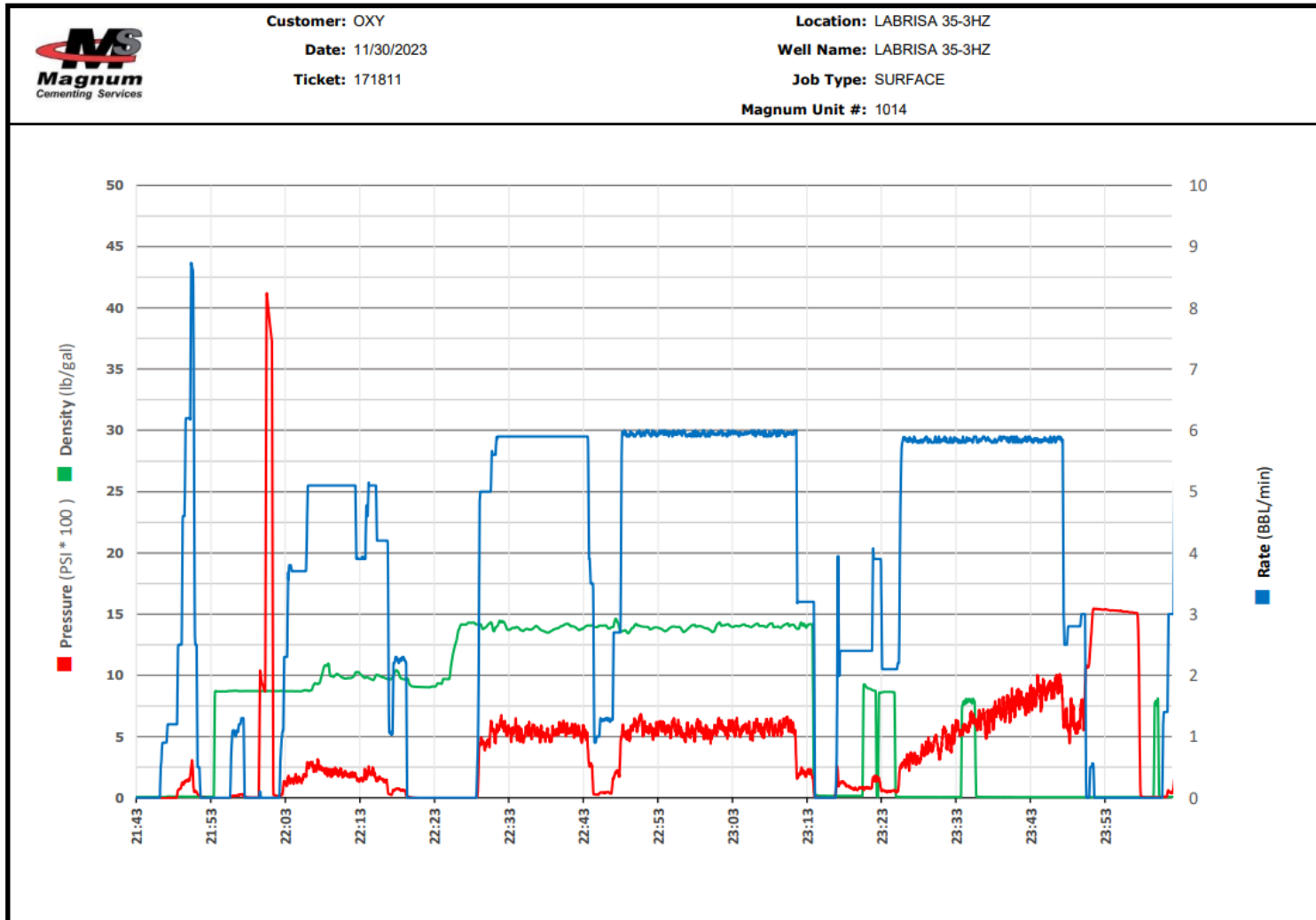


<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <h2 style="margin: 0;">US Treatment Report</h2> <p style="margin: 0;">Magnum Cementing Services</p> </div> </div>						
Customer: OCCIDENTAL PETROLEUM CORP. Rep: David Cornett Supervisor: VITALIJS NEVERDASOV Job Type: US Primary Casing-Surface			Job #: JOB00171811 Job Date: Dec 01 @ 00:00 Time Requested: Nov 30 @ 00:00 Time Arrived: Nov 30 @ 20:00 Time Released: Dec 01 @ 01:00			
Rig: IKON 112 Well: Labrisa 35-3HZ UWI: Labrisa 35-3HZ Surface: T1N, R65W, SEC2						
929 sk MAG S 14.1 + 0.25% MCA-1 + 0.10% MCDF-P						
Yield: 1.31 ft3/sk = 216.75bbbls Mix Water: 6.06 gal/sk = 5629.74gal						
BHCT (F)	88	BHST (F)	107	Float Depth (ft)	2059	
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)	2112	TVD (ft)	2085			
Treatment Info: Sacks Used: 929 Sacks Not Used: 0						
Preflush: 40bbbls MAG Sweep & 10bbbls MAG Mark & 40bbbls MAG Sweep						
Circulation Time: 0.5						
Displace:						
Slurry Temp: 89 Bulk Sample: Yes						
Water Temp: 78 Water Sample: Yes						
Bulk Temp: 30 Slurry Sample: Yes						
Air Temp: 26 Air Pressure:						
Slurry Returns: 31 Plug Bumped: Yes Pump Out Lines: Yes Float Held: Yes						
Cement Class: Type III Humidity: 25 Precipitation:						
Further Blend Details:						
Prehydrated:						
Additional Details (General Notes):						
Time	Pressure psi	Annular Pressure psi	Volume Per Stage bbbls	Total Stage Volume bbbls	Rate bbls/min	Treatment Detail
18:30	0.00					Arrive on Location - ARRIVED ON LOCATION. CUSTOMER REQUESTED CREW AT 20:00. RIG IS GETTING READY TO RUN CASING
19:00	0.00					TEST WATER : TEMP 78/ CHLORIDES 110/ PH 8
21:27	0.00					Safety Meeting - PRE JOB SAFETY MEETING WITH ALL PERSONEL
21:50	0.00					Drop Plug - DROP BOTTOM PLUG
22:01	3,850.00		2		3.0	Start Pressure Test - FILL LINES AND PRESSURE TEST
22:03	152.00		10		3.5	PUMP FRESH WATER
22:06	301.00		10		3.5	PUMP DYE
22:08	230.00		40		5.0	Pump Preflush - PUMP SPACER @ 10.0 PPG

Job Sequence / Procedure 2 of 2

22:27	560.00		216.7		6.0	Pump Slurry - BATCH/ WEIGHT/ PUMP 929 SKS/ 216.7 BBLS 14.1 PPG SLURRY.
23:15	0.00			0		Stop Pumping - SHUTDOWN/ DROP TOP PLUG
23:17	980.00		140		6.0	Displace - FRESH WATER DISPLACEMENT.
23:48	790.00		19.2		3.0	Slow Rate Pumping - SLOW RATE
23:53	1,541.00			159.2		Bump Plug - BUMP PLUG/ 31 BBLS CEMENT TO SURFACE.
23:59	0.00					CHECK FLOATS/ 1 BBL BACK
00:15	0.00					Wash Up Truck
00:30	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"/>

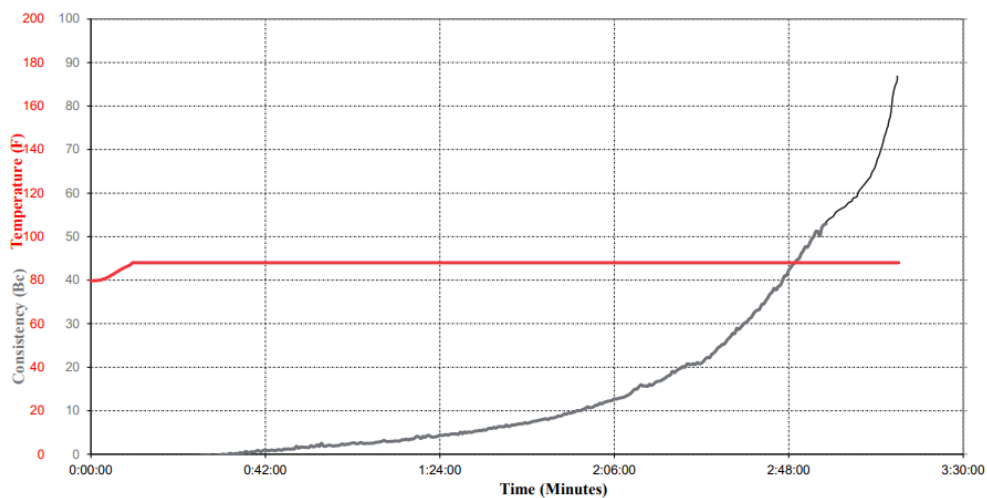
SECTION VI: TEST RESULTS		
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Load Ticket #	Working Time (40Bc)	Thickening Time (70Bc)
79-1123-CY	2:46	3:14

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

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

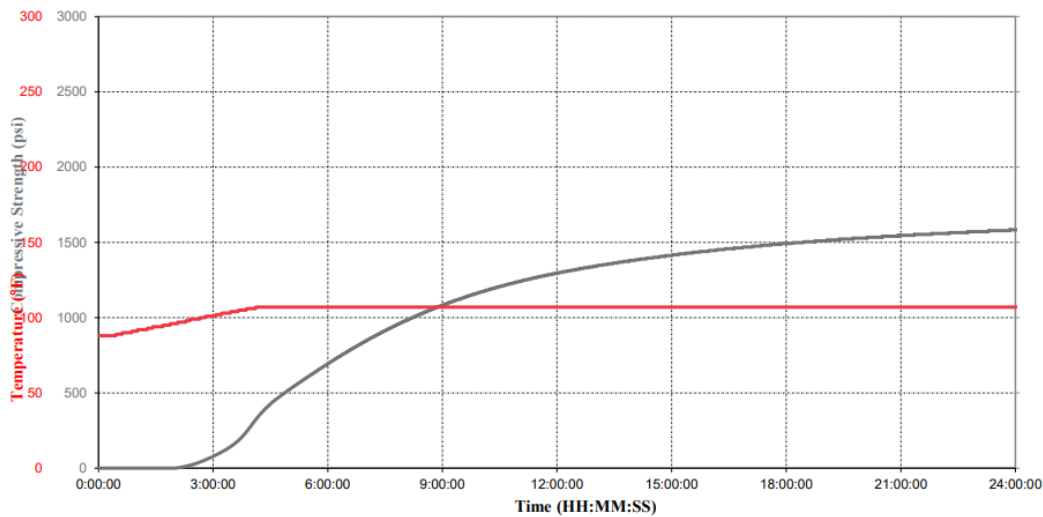
THICKENING TIME TEST RESULTS



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