



Cementing Service Report

9209149

Client Name Great Western Oil & Gas Company	Well Name Great Western 26-41	Rig HWS 39	Job Date January 19,2016	Call Sheet 1064080
Client Representative Mr. Michael Lonsday	Surface Well Location NE NE Sec 26:T6N:R67W	Down Hole Well Location	Job Type Bradenhead Squeeze	Lead Supervisor Hall, Andrew J (25267)

Well Profile

Well Type:	Oil
Maximum Treating Pressure (psi):	---
Predicted Bottom Hole Static Temperature (°F):	--- @ --
Bottom Hole Circulating Temperature (°F):	--- @ --
Bottom Hole Logged Temperature (°F):	--- @ --

Open Hole

Size (in)	Excess (%)	TMD From (ft)	TMD To (ft)	TVD From (ft)	TVD To (ft)
7.875	30.000	456.000	1,303.000	--	--

Casing

Size	Weight	Grade	Collapse Pressure	Internal Yield Pressure	Capacity	I.D.	O.D.	Depth From	Depth To
(in)	(lb/ft)		(psi)	(psi)	(bbl)	(in)	(in)	(ft)	(ft)
8.625	24.000	J-55	1,370.0	2,950.0	29.04	8.097	9.625	0.0	456.0
4.500	11.600	J-55	4,960.0	5,350.0	116.23	4.000	5.000	0.0	7,478.0

Tubing

Size	Weight	Grade	Collapse Pressure	Capacity	I.D.	O.D.	Depth From	Depth To
(in)	(lb/ft)		(psi)	(bbl)	(in)	(in)	(ft)	(ft)
1.315	1.800	J-55	10,000.000	1.390	1.049	1.900	0.000	1,300.000
1.315	1.800	J-55	10,000.000	0.860	1.049	1.900	0.000	800.000

Products

Stage 1

From Depth (ft): 0

To Depth (ft): 1300

Acids/Blends/Fluids :

Tail: 270 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 49 (bbl)

Water Temperature(°F) = 50 , Bulk Temperature(°F) = 60 , Slurry Temperature(°F) = 70

+ 0.25 % of CFR-2 (Preblend),

+ 0.5 % of CaCl₂ (Preblend),

+ 0.25 lb/sack of LCL-7 (Preblend)

Fluid & Cement Data

Expected Cement Top: Surface

Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	--	--	--	Mar 24, 2015 15:22



9209149

Units & Personnel							
Units							
<u>Truck Unit No.</u>	<u>Main Type</u>	<u>Sub Type</u>	<u>Tractor Unit No.</u>	<u>Main Type</u>	<u>Sub Type</u>	<u>Time On Location</u>	<u>Time Off Location</u>
201009	PICKUP	1 Ton	449083	TRAILER	Utility Trailer	01/19/2016 10:00	01/19/2016 13:30
445033	TRAILER	SCM Twin	749100	TRACTOR	Tandem - Tractor	01/19/2016 10:00	01/19/2016 13:30
746089	TRACTOR	Tandem - Tractor				01/19/2016 10:00	01/19/2016 13:30
Crew and Bonuses							
<u>Employee</u>	<u>Start Shift</u>		<u>End Shift</u>		<u>Second Start Shift</u>		<u>Second End Shift</u>
Hall, Andrew J (25267)	01/19/2016 10:00		01/19/2016 13:30				
Hansen, Ted (29055)	01/19/2016 10:00		01/19/2016 13:30				
Decenick, Jorden (30684)	01/19/2016 10:00		01/19/2016 13:30				

Treatment Reports & Remarks									
Treatment Report									
Event #	Event Time	Event Description	Fluid Type	Rate (bbl/min)	Tubular Pressure (psi)	Annular Pressure (psi)	Stage Volume (bbl)	Total Volume (bbl)	
1	Jan 19,2016 10:00	Arrive On Location		--	--	--	--	0.00	
2	Jan 19,2016 10:05	Crew Briefing (Rig in)		--	--	--	--	0.00	
3	Jan 19,2016 10:30	Rig in Complete		--	--	--	--	0.00	
4	Jan 19,2016 10:35	Crew Briefing (Pre Job)		--	--	--	--	0.00	
5	Jan 19,2016 11:05	Pressure Test Start	Water	1.00	3,000.0	--	3.00	3.00	
6	Jan 19,2016 11:07	Pressure Test Complete		--	--	--	--	3.00	
7	Jan 19,2016 11:08	Establish Circulation	Water	2.00	1,000.0	--	40.00	43.00	
8	Jan 19,2016 11:13	Pump Preflush	Water	2.00	600.0	--	10.00	53.00	
		Remarks: Mud flush							
9	Jan 19,2016 11:28	Pump	0-1-0 G	1.50	600.0	--	33.00	86.00	
10	Jan 19,2016 11:47	Stop		--	--	--	--	86.00	
		Remarks: Wait on rig to trip out 500" of tubing							
11	Jan 19,2016 12:10	Pump	0-1-0 G	1.50	600.0	--	16.00	102.00	
12	Jan 19,2016 12:30	Rig Out		--	--	--	--	102.00	
13	Jan 19,2016 13:00	Job Complete		--	--	--	--	102.00	
		Remarks: AAR							
14	Jan 19,2016 13:30	Leave Location		--	--	--	--	102.00	
Did Float Hold:		Not Applicable							
Fluid Returns :		Yes							
Type :		Cement							
Volume (bbl) :		2							
Temperature (°F) :		90							
FDAS Functioning Correctly :		Yes							
Was the Program Followed As Per Design? :		Yes							
Material Transfer Sheet Number									
Material Transfer Sheet Number									
63336									
63377									



Client Grea Weastern
Ticket No. 9209149
Location Sec 26:T6N:R67W
Comments Pumped the job acourding to the prog

Client Rep Michael Lonsay
Well Name Great Weastern 26-41
Job Type Well Stability Plug

Supervisor Andy Hall
Unit No. 445047
Service District 505 Fort Lupton
Job Date 01/19/2016

