



**Pumping
Service Report**

9191675

Client Name Great Western Oil & Gas Company	Well Name Cache 8-44	Rig ECWS 19	Job Date March 03,2015	Call Sheet 1056148
Client Representative Mr. Bill Dougherty	Surface Well Location SE SE Sec 8:T6N:R63W	Down Hole Well Location	Job Type Bradenhead Squeeze	

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):	--- @ --

Casing

Size (in)	Weight (lb/ft)	Grade	Collapse Pressure (psi)	Internal Yield Pressure (psi)	Capacity (bbl)	I.D. (in)	O.D. (in)	Depth From (ft)	Depth To (ft)
4.500	11.600	J-55	4,960.0	5,350.0	44.61	4.000	5.000	0.0	2,870.0

Tubing

Size (in)	Weight (lb/ft)	Grade	Collapse Pressure (psi)	Capacity (bbl)	I.D. (in)	O.D. (in)	Depth From (ft)	Depth To (ft)
2.375	4.700	J-55	8,100.000	10.790	1.995	2.910	0.000	2,790.000

Products

Plug 1

From Depth (ft):	2600
To Depth (ft):	2870
Plug Type :	Well Stability
Acids/Blends/Fluids :	
Tail: 250 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 51.2 (bbl)	
Water Temperature(°F) = 40 , Bulk Temperature(°F) = 40 , Slurry Temperature(°F) = 40	
+ 0.6 % of CFL-3 (Preblend),	
+ 0.5 % of CFR-2 (Preblend)	

Fluid & Cement Data

Expected Cement Top: Depth (ft): 2600

Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	--	--	--	Mar 02, 2015 20:06

Attachment & Tools

Down Hole Tools

Tool Type	Depth (ft)	Supplier
Cement Retainer	2,790.000	Third Party



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Units & Personnel

Units

Truck Unit No.	Main Type	Sub Type	Tractor Unit No.	Main Type	Sub Type	Time On Location	Time Off Location
200866	PICKUP	3/4 Ton				03/03/2015 12:00	03/03/2015 15:00
740004	BODY JOB	C & A				03/03/2015 12:00	03/03/2015 15:00
446075	TRAILER	Bulker	746075	TRACTOR	Tandem - Tractor	03/03/2015 12:00	03/03/2015 15:00

Crew and Bonuses

Employee	Start Shift	End Shift	Second Start Shift	Second End Shift
Bushnell, Cody	03/03/2015 12:00	03/03/2015 15:00		
Scott, Derek	03/03/2015 12:00	03/03/2015 15:00		
Phillips, James	03/03/2015 12:00	03/03/2015 15:00		

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	Mar 03,2015 12:00	Arrive On Location		0.00	0.0	0.0	0.00	0.00
2	Mar 03,2015 12:01	Crew Briefing (Rig in)		0.00	0.0	0.0	0.00	0.00
3	Mar 03,2015 12:30	Rig in Complete		0.00	0.0	0.0	0.00	0.00
4	Mar 03,2015 12:35	Crew Briefing (Pre Job)		0.00	0.0	0.0	0.00	0.00
5	Mar 03,2015 13:28	Pressure Test Start	Water	0.00	0.0	0.0	0.00	0.00
Remarks: Test Sanjel Lines								
6	Mar 03,2015 13:29	Pressure Test Complete	Water	0.00	0.0	0.0	0.00	0.00
7	Mar 03,2015 13:30	Pump	Water	1.50	2,000.0	0.0	10.00	10.00
Remarks: Establish Circulation Through Holes								
8	Mar 03,2015 13:38	Pump	0-1-0 G	1.50	2,100.0	0.0	51.20	61.20
9	Mar 03,2015 14:03	Pump	Water	2.00	500.0	0.0	8.80	70.00
Remarks: Displace Leave 10 Sx On Top Of Retainer								
10	Mar 03,2015 14:50	Job Complete		0.00	0.0	0.0	0.00	70.00
11	Mar 03,2015 15:00	Leave Location		0.00	0.0	0.0	0.00	70.00

Did Float Hold: Not Applicable

Fluid Returns : Not Expected

Type :

Volume (bbl) :

Temperature (°F) : --

FDAS Functioning Correctly : Yes

Was the Program Followed As Per Design? : Yes

Material Transfer Sheet Number

Material Transfer Sheet Number
57515



Client	Great Western	Client Rep	Mr. Bill Dougherty	Supervisor	Cody Bushnell
Ticket No.	9191675	Well Name	Cache 8-44	Unit No.	740004
Location	Sec8 T6N R63W	Job Type	Abandonment Plugs	Service District	Fort Lupton Co
Comments				Job Date	03/03/2015

