

9206674

Client Name Whiting Petroleum Corp.	Well Name Razor Federal 12F-1301A	Rig Unit Drilling Co. 409	Job Date October 03, 2015	Call Sheet 1061292
Client Representative Kenny	Surface Well Location SW NE Sec 12:T10N:R58W	Down Hole Well Location	Job Type Surface Casing	Lead Supervisor Maguire, Matthew (26325)

Well Profile

Well Type:	Oil
Maximum Treating Pressure (psi):	---
Predicted Bottom Hole Static Temperature (°F):	100.00 @ --
Bottom Hole Circulating Temperature (°F):	80.00 @ --
Bottom Hole Logged Temperature (°F):	--- @ --

Open Hole

Size (in)	Excess (%)	TMD From (ft)	TMD To (ft)	TVD From (ft)	TVD To (ft)
13.500	30.000	0.000	1,867.000	--	--

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)
9.625	36.000	J-55	2,020.0	3,520.0	144.33	8.921	10.625	0.0	1,867.0

Products

Stage 1

From Depth (ft):	1370
To Depth (ft):	0
Acids/Blends/Fluids :	
Lead 1: 355 Sacks of Control Set C, Density = 12 lb/gal, Volume Pumped = 155.5 (bbl)	
Water Temperature(°F) = 60 , Bulk Temperature(°F) = 60 , Slurry Temperature(°F) = 60	
+ 0.25 lb/sack of LCL-7 (Preblend)	

Stage 2

From Depth (ft):	1370
To Depth (ft):	1867
Acids/Blends/Fluids :	
Tail: 240 Sacks of 0:1:0 Type III, Density = 14.2 lb/gal, Volume Pumped = 62.4 (bbl)	
Water Temperature(°F) = 60 , Bulk Temperature(°F) = 60 , Slurry Temperature(°F) = 60	
+ 2 % of CaCl ₂ (Preblend),	
+ 0.25 lb/sack of LCL-7 (Preblend)	

Stage 3

From Depth (ft):	
To Depth (ft):	
Acids/Blends/Fluids :	

Fluid & Cement Data

Expected Cement Top: Surface

Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	8.340	--	--	Jul 07, 2015 14:19
Water Based Mud	--	--	--	--	Aug 24, 2015 15:49

Attachment & Tools

Tubular Plugs

<u>Tubular Plug Type</u>	<u>Size (in)</u>	<u>Supplier</u>
Rubber Top	9.625	Client

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>
449083	TRAILER	Utility Trailer	201168	PICKUP	1 Ton	10/03/2015 09:00	10/03/2015 14:00
445047	TRAILER	SCM Twin	745047	TRACTOR	Tandem - Tractor	10/03/2015 09:00	10/03/2015 14:00
449102	TRAILER	1600 Porta Bulker				10/03/2015 09:00	10/03/2015 14:00

Crew and Bonuses

<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>
Maguire, Matthew (26325)	10/03/2015 09:00	10/03/2015 14:00		
Devine, Richard (29733)	10/03/2015 09:00	10/03/2015 14:00		
Pigg, Martin (28301)	10/03/2015 09:00	10/03/2015 14:00		
Peterson, Ryan (28158)	10/03/2015 09:00	10/03/2015 14:00		
Devine, Richard (29733)	10/03/2015 09:00	10/03/2015 14:00		

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	Oct 03,2015 09:00	Arrive On Location		--	--	--	--	0.00
2	Oct 03,2015 09:20	Crew Briefing (Rig in)		--	--	--	--	0.00
3	Oct 03,2015 10:30	Rig in Complete		--	--	--	--	0.00
4	Oct 03,2015 10:45	Crew Briefing (Pre Job)		--	--	--	--	0.00
Remarks: STEACS briefing, sign off on safety.								
5	Oct 03,2015 11:05	Pressure Test Start	Water	--	3,000.0	--	--	0.00
6	Oct 03,2015 11:06	Pressure Test Complete	Water	--	2,000.0	--	--	0.00
7	Oct 03,2015 11:07	Pump Preflush	Water	7.00	400.0	--	20.00	20.00
8	Oct 03,2015 11:10	Mix Cement	Control Set C	7.00	500.0	--	155.50	175.50
Remarks: LEAD: 155.5 bbls slurry, WR=14.52, Y=2.46, D=12.0, Sk Wt=99.88, 99.0 bbls mix water.								
9	Oct 03,2015 11:31	Mix Cement	0:1:0 Type III	7.00	500.0	--	62.40	237.90
Remarks: LEAD: 155.5 bbls slurry, WR=14.52, Y=2.46, D=12.0, Sk Wt=99.88, 99.0 bbls mix water.								
10	Oct 03,2015 11:50	Drop Plug		--	--	--	--	237.90
11	Oct 03,2015 11:51	Displace Fluid	Water Based Mud	8.50	1,350.0	--	139.70	377.60
12	Oct 03,2015 12:23	Bump Plug	Water Based Mud	--	1,350.0	--	--	377.60
13	Oct 03,2015 12:25	Check Float	Water Based Mud	--	1,350.0	--	--	377.60
Remarks: Float held.								
14	Oct 03,2015 13:45	Pre-Departure Meeting		--	--	--	--	377.60
15	Oct 03,2015 13:50	Job Complete		--	--	--	--	377.60
16	Oct 03,2015 14:00	Leave Location		--	--	--	--	377.60

Did Float Hold: Yes
 Fluid Returns : Yes
 Type : Cement
 Volume (bbl) : 80
 Temperature (°F) : 85
 FDAS Functioning Correctly : Yes
 Was the Program Followed As Per Design? : Yes

Material Transfer Sheet Number

Material Transfer Sheet Number
 65891
 65892
 65893



Client	Whiting Petroleum Corp.	Client Rep	Mr. Tyson Rinton	Supervisor	Matthew Maguire
Ticket No.	9206674	Well Name	Razor Federal 12F-1301A	Unit No.	445032
Location	SW NE Sec 12:T10N:R58W	Job Type	Surface Casing	Service District	505
Comments	Pump job per client request.				
				Job Date	10/03/2015

