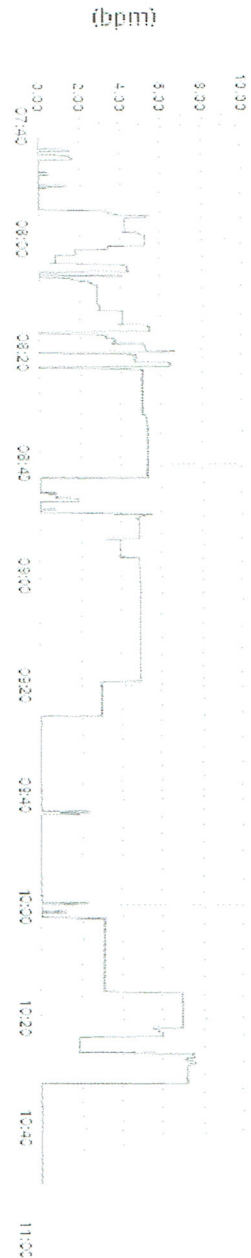


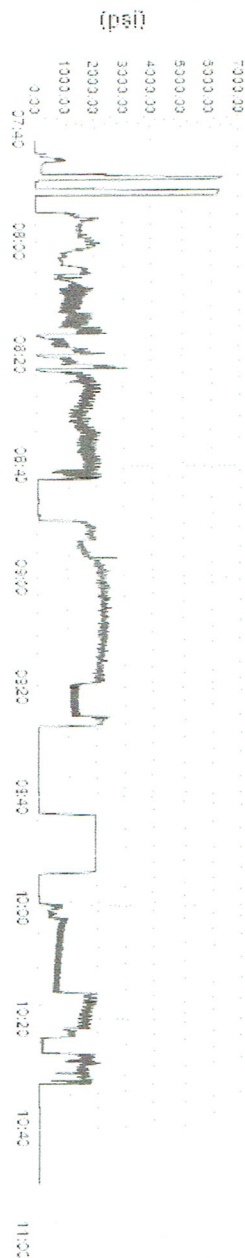


Client	Bonanza Creek	Client Rep	Mr. Kenny	Supervisor	Bernie Contreras
Ticket No.	9208202	Well Name	Razor Federal 12F-1301A	Unit No.	745024
Location	Sec 12: T10N: R58W	Job Type	Liner Casing	Service District	Fort Lupton
Comments	580 sks 1-1-0 Poz Dacotah G @ 13.7 lb/gal			Job Date	10/11/2015

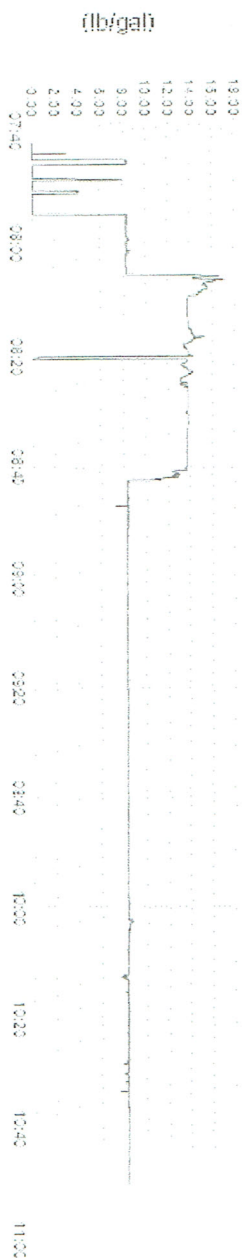
Unit 745024 Rate Total



Unit 745024 Pump Pressure



Unit 745024 Density





**Treatment Reports & Remarks**

Material Transfer Sheet Number

Material Transfer Sheet Number

65934

65935

**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 11, 2015 02:00	Arrive On Location Remarks: Arrived.		--	--	--	--	0.00
2	Oct 11, 2015 03:30	Crew Briefing (Rig in) Remarks: STEACS		--	--	--	--	0.00
3	Oct 11, 2015 06:00	Rig in Complete Remarks: Rig in complete.		--	--	--	--	0.00
4	Oct 11, 2015 07:00	Crew Briefing (Pre Job) Remarks: Muster, 911 caller, Nearest med., Amb. and driver, Location safety equipt., Job scope.		--	--	--	--	0.00
5	Oct 11, 2015 07:50	Pressure Test Start Remarks: 6000 psi pressure test.	Water	--	6,000.0	--	--	0.00
6	Oct 11, 2015 07:52	Pressure Test Complete Remarks: Test complete.		--	--	--	--	0.00
7	Oct 11, 2015 07:53	Pump Remarks: 30 BBLs of Visweep.	Water	4.00	1,400.0	--	30.00	30.00
8	Oct 11, 2015 08:06	Mix Cement Remarks: Mix and pump 152.9 BBLs of cement @ 13.7 lb/gal..	1:1:0 Poz Dacotah G	5.50	1,800.0	--	152.90	182.90
9	Oct 11, 2015 08:42	Stop Remarks: Stop clear out lines and drop dart.	---	--	--	--	--	182.90
10	Oct 11, 2015 08:48	Displace Fluid Remarks: 172 BBLs of water to bump plug @ 172 BBLs.	Water	5.00	2,200.0	--	172.00	354.90
11	Oct 11, 2015 09:24	Bump Plug Remarks: Bumped plug @ 172 BBLs at 2274 psi.	Water	3.00	2,274.0	--	172.00	526.90
12	Oct 11, 2015 09:26	Check Float Remarks: Checked float and got 3/4 BBL back.	Water	--	2,274.0	--	--	526.90
13	Oct 11, 2015 09:42	Pressure Test Remarks: Pressure test casing to 1963 psi for 10 minutes.	Water	--	1,963.0	--	--	526.90
14	Oct 11, 2015 10:00	Pump Remarks: Roll hole clean 140 BBLs got 15 BBLs of cement back.	Water	7.00	1,600.0	--	140.00	666.90
15	Oct 11, 2015 11:10	Rig Out Remarks: Rig out.		--	--	--	--	666.90
16	Oct 11, 2015 11:45	Job Complete Remarks: Job complete.		--	--	--	--	666.90
17	Oct 11, 2015 12:00	Leave Location Remarks: Leave.		--	--	--	--	666.90

Did Float Hold: Yes

Fluid Returns : Yes

Type : Cement

Volume (bbl) : 15

Temperature (°F) : 89

FDAS Functioning Correctly : Yes

Was the Program Followed As Per Design? : Yes



## Pumping Service Report

9208202

### 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>
201168	PICKUP	1 Ton	449093	TRAILER	Utility Trailer	10/11/2015 02:00	10/11/2015 12:00
445024	TRAILER	SCM Twin	745024	TRACTOR	Tandem - Tractor	10/11/2015 02:00	10/11/2015 12:00

#### Crew and Bonuses

<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>
Contreras, Bennie (23469)	10/11/2015 02:00	10/11/2015 12:00		
Johnson, Quintin (23945)	10/11/2015 02:00	10/11/2015 12:00		
Meisner, Jeremy (27681)	10/11/2015 02:00	10/11/2015 12:00		
Hilt, Brandon (30128)	10/11/2015 02:00	10/11/2015 12:00		

### Treatment Reports & Remarks





## Pumping Service Report

9208202

Client Name Whiting Petroleum Corp.	Well Name Razor Federal 12F - 1301A	Rig Unit Drilling Co. 409	Job Date October 11, 2015	Call Sheet 1061431
Client Representative Tyson	Surface Well Location SE NE Sec 12:T10N:R58W	Down Hole Well Location	Job Type Liner Casing	Lead Supervisor Contreras, Bennie (23469)

### 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)
	6.000	--	5,550.000	14,145.000	--	--

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)
	7.000	32.000	P-110	10,760.0	9,520.0	238.85	6.094	7.656	0.0	6,621.0
	4.500	11.600	P-110	7,560.0	10,690.0	133.59	4.000	5.000	5,550.0	14,145.0

### Products

#### Stage 1

From Depth (ft): 5550

To Depth (ft): 14145

Acids/Blends/Fluids :

Tail: 580 Sacks of 1:1:0 Poz Dacotah G, Density = 13.7 lb/gal, Volume Pumped = 152.9 (bbl)

Water Temperature(°F) = 65 , Bulk Temperature(°F) = 65 , Slurry Temperature(°F) = 76

- + 8 % of Silica Fume (Preblend),
- + 2 % of Gel (Preblend),
- + 0.1 % of CFR-5 (Preblend),
- + 0.7 % of CFL-4 (Preblend),
- + 1 % of FWC-2 (Preblend),
- + 0.35 % of LTR (Preblend),
- + 0.2 % of ASM-3 (Preblend),
- + 0.25 lb/sack of Polyflake (Preblend)

### Fluid & Cement Data

Expected Cement Top: --

#### Wellbore Fluid

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



## General Terms and Conditions

Under these terms and conditions ("T&Cs") Sanjel (USA) Inc. ("Sanjel") agrees to provide, and you agree to purchase, the goods and services in the attached proposal or work order ("goods," "services" or "goods and services"). You understand and agree that the T&Cs govern and control the provision of all goods or services Sanjel provides to you, including any goods or services Sanjel provides or performs under written or oral requests for goods or services. You accept the T&Cs by informing Sanjel or allowing Sanjel to provide goods and services, whichever is first. You cannot change the T&Cs, and Sanjel rejects any proposals on your forms or otherwise. When used in the T&Cs, "we," "us," and "our" refer to both you and Sanjel, collectively.

1. **Entire Agreement.** If we have signed an agreement applicable to the goods and services, that agreement will apply and the T&Cs do not. If no signed agreement exists between us, the T&Cs are our entire agreement for the goods and services, and no prior discussion, agreement, conduct, or industry practice will affect them. The T&Cs may not be changed, superseded or replaced by any other agreement (including any terms in a purchase order, service order, invoice or other similar document) unless specifically agreed by each of us in writing.

2. **Acknowledgment.** You understand that interpretations, research, analysis, advice or interpretational data furnished by Sanjel ("Recommendations") are opinions based on inferences from measurements, empirical relationships and assumptions and industry practice and that Recommendations are not infallible, and the opinions of professional geologists, engineers, drilling consultants and analysts may differ. Sanjel does not warrant the accuracy, correctness, or completeness of the Recommendations, or that your or any third party's reliance on the Recommendations will accomplish any particular results. You assume full responsibility for the use of and decisions based on the Recommendations, and you hereby agree to release, defend, indemnify and hold Sanjel harmless from Claims arising from the use of the Recommendations.

3. **Payment.** You will pay Sanjel at the rates in the applicable proposal or work order (which are good for 90 days) in US dollars within 30 days of performance or a correct invoice, whichever is later. Sanjel may charge interest at 18% per year on all overdue amounts, and you will bear all costs of collection of overdue accounts, including legal fees.

4. **Services.** You acknowledge and agree that the services Sanjel may perform are of such a nature that results cannot be guaranteed, and Sanjel makes no representations, warranties or guarantees with respect to the results of the services. Sanjel's only warranty with regard to the services is that they will conform to the material aspects of the applicable scope of work.

5. **Goods.** Sanjel may provide goods to you under the T&Cs or in connection with the services. Sanjel warrants that goods will (a) substantially conform to the applicable scope of work (b) be free of defects and of good quality and workmanship, and (c) not be subject to any liens, claims or encumbrances. There are no warranties, express or implied, of merchantability, use, and fitness that extend beyond those expressly stated herein.

6. **Warranty Remedies.** Sanjel will re-perform any non-conforming services if Sanjel is notified before leaving the work site, and will repair or replace any non-conforming or defective goods you notify Sanjel of within 30 days after Sanjel provided them to you free of charge. If Sanjel is unable to repair the non-conforming services, Sanjel will reimburse you for costs of a third party to repair such services, up to 10% of the original work order for such services. If fishing services are required to retrieve goods, Sanjel may specify the provider and be present during recovery. The remedies will not apply if damage is caused by: (i) your failure to properly store or maintain the goods, (ii) abnormal well conditions, abrasive materials, corrosion due to aggressive fluids or incorrect specifications, (iii) unauthorized alteration or repair of the goods, (iv) loss of goods while on your site due to your or any third party's negligence, vandalism or force majeure, (v) Sanjel's lack of or incorrect information regarding well conditions, or (vi) use or handling of the goods in a manner inconsistent with Sanjel's recommendations. Sanjel's warranty obligations will terminate if you fail to perform your obligations, including your failure to pay on time.

7. **Delay and Cancellation.** If Sanjel cannot provide goods or services to you due to circumstances beyond its control, Sanjel may charge you actual costs incurred, including but not limited to: mileage; blending; materials (including handling and hauling); return delivery and restocking charges; and all location time in excess of the location time allowance. Orders for goods or services that you cancel after Sanjel has procured the required materials may be subject to a 25% restocking fee. If Sanjel provides materials to your specifications and you cancel for any reason (including an uncontrollable event) you will be charged a cancellation fee plus actual costs incurred as a result of such cancellation.

8. **Taxes.** Prices are exclusive of any municipal, state, federal, special or use taxes or levies imposed on the sale of goods or services. You will be responsible for all

taxes applicable to the provision of the goods or services.

9. **Additional Services Requests.** You will pay for services, equipment or materials not listed in a proposal but purchased or rented by Sanjel at your request at cost plus 25%. Sanjel has no liability to you for such services, equipment or materials.

10. **Proprietary Rights.** You acknowledge that any intellectual property Sanjel uses in connection with the T&Cs, or that is created or developed by Sanjel in the course of performing under the T&Cs, is the property of Sanjel at all times, and you understand that you are not entitled to any intellectual property rights in any of Sanjel's intellectual property, except as required to receive the benefit of the goods or services.

11. **Confidentiality.** Any non-public information that we learn about each other in connection with the T&Cs, including our relationship, is confidential information of the disclosing party, and neither of us may disclose confidential information of the other to any third party without the prior written consent of the disclosing party. We may each use confidential information of the other to perform under the T&Cs, and may share it only on a need-to-know basis with employees.

12. **Indemnity.** (A) Subject to Section 12(b) below, each of us ("Indemnitor") hereby agrees to release, defend, indemnify and hold the other, its affiliates, officers, directors, agents, partners, joint venturers, employees and contractors of every tier ("Indemnitee Group") harmless for all losses, claims, demands, causes of action, costs and expenses (including reasonable legal fees) (collectively, "Claims"), for personal injury, death and property damage to Indemnitor, its affiliates, officers, directors, agents, partners, joint venturers, employees and contractors of every tier arising out of or incident to the T&Cs or any goods or services provided hereunder, without regard to whether such Claim is caused, in whole or in part, by the negligence (whether sole, joint or concurrent, active or passive), contractual liability or other fault of any member of the Indemnitee Group or by any defect or pre-existing condition (whether known or unknown, patent or otherwise). (B) You hereby agree to release, defend, indemnify and hold Sanjel harmless for any Claims Sanjel may suffer or incur arising out of or incident to: well blowout or any uncontrolled well condition, fire, cratering, redrill or sidetracking, seepage or reservoir damage, loss or damage to the hole, pollution and contamination (except sudden and accidental pollution originating above the service of the earth and emanating from Sanjel's equipment while in Sanjel's care, custody and control), and loss or damage to Sanjel's (or its contractors') equipment while down the hole at new replacement value; even if caused in whole or in part by the sole, joint or concurrent negligence or other fault of Sanjel or any other person.

13. **Consequential Damages Exclusion:** Notwithstanding anything to the contrary, neither of us will be liable to the other for business interruptions, punitive, indirect or consequential damages relating to the goods or services (including but not limited to any loss of profit, loss of expected revenue, loss of hydrocarbons or loss of rig time).

14. **Disposal of Chemicals.** You will arrange and be responsible for the disposal of any used chemicals and hazardous materials related to the goods or services.

15. **Insurance.** Each of us will maintain, at its own cost, commercial general liability insurance covering its indemnification obligations under the T&Cs with combined single limits of at least \$5,000,000 per occurrence and in the aggregate, worker's compensation coverage as and in amounts required by applicable law, and automobile liability coverage with a combined single limit of \$2,000,000. We will obtain insurance from carriers with AM Best ratings of at least A-VII (or equivalent), ensure the other party is named as an additional insured, and ensure that our carriers waive rights of subrogation against the other party.

16. **Uncontrollable Events.** Except for payment obligations, if either of us is unable to comply with the T&Cs because of events beyond our reasonable control, we will promptly notify the other in writing and will make reasonable efforts to restore our ability to perform as soon as possible. If the inability to perform continues for more than 30 days, the other party may cancel the applicable job immediately, by giving written notice to the affected party.

17. **Waiver.** Failure to enforce any or all of the T&Cs will not relieve either party of its rights or obligations or constitute a waiver or prevent further enforcement.

18. **Assignment.** You will not assign any of your rights or obligations under this PO without Sanjel's approval, which Sanjel may not unreasonably withhold. Any assignment in violation of this provision will be null and void.

19. **Governing Law.** We agree that the laws of the State of Colorado govern the T&Cs, without the application of choice of law rules. Each of us voluntarily submits to the jurisdiction and venue of the federal or state courts (as applicable) of the State of Colorado for the adjudication of all disputes under the T&Cs.

April 2014