



# Service Ticket

9209130

## Field Estimate

Client Name Great Western Oil & Gas Company			Well Name Great Western 26 - 31		Surface Well Location NE NE Sec 26:T6N:R66W		Job Date November 15, 2015	
			Job Type Cement Misc.		Down Hole Location		Service Point Fort Lupton	
Address PO Box 3445			Client Representative Mr. Stan Brinar		State CO		County Weld	
City Coppell			State TX		Postal Code 75019		Drilling Company HWS	
					Rig No. 39		AFE/PO #	

District	Service, Equipment & Material Type	Disc	SL	Code	Quantity/Unit	Unit Price	Amount	
D505	Travel Charge (1 Unit(s) X 60 miles)	56	12	1380	60	\$7.50	\$450.00	
D505	Service Charge 3001 to 4000 ft	56	12	1104	1	\$5,250.00	\$5,250.00	
D505	Twin Pumping	56	12	1150	1	\$1,050.00	\$1,050.00	
D505	Handling Service Charge	56	12	1480	253	\$3.30	\$834.90	
D505	Bulk Delivery / Return (11.9 Unit(s) X 60 miles)	56	12	1484	714	\$2.55	\$1,820.70	
D505	SAM Unit	56	12	1497	1	\$1,015.00	\$1,015.00	
D505	OWG	56	12	3000	250	\$30.00	\$7,500.00	
D505	CFR-2	56	12	3161	118	\$10.00	\$1,180.00	
D505	EnviroBag	56	12	1492	1	\$78.00	\$78.00	
D505	CDF-3L	56	12	3262	5	\$141.00	\$705.00	
D505	Environmental Surcharge	-	12	1493	1	\$50.00	\$50.00	*
D505	Fuel Surcharge	-	12	2992	2	\$400.00	\$800.00	*
D505	Sugar	-	12	2999	100	\$2.00	\$200.00	*

<p>* Not Subject to Discount</p> <p>Field Estimate</p>		Before Discount: <b>\$20,933.60</b>																
		Discount Amount: <b>\$11,134.82</b>																
		Net Amount: <b>\$9,798.78</b>																
<p>FOR OFFICE USE ONLY</p> <table border="1"> <tr> <td><input type="checkbox"/> Cementing - Prim</td> <td><input checked="" type="checkbox"/> Cementing - Rem.</td> <td><input type="checkbox"/> Code 9000</td> </tr> <tr> <td><input type="checkbox"/> Coiled Tubing</td> <td><input type="checkbox"/> Nitrogen</td> <td></td> </tr> <tr> <td><input type="checkbox"/> Acidization</td> <td><input type="checkbox"/> Fracturing</td> <td></td> </tr> <tr> <td><input type="checkbox"/> Industrial Services</td> <td><input type="checkbox"/> MPCT</td> <td></td> </tr> <tr> <td><input type="checkbox"/> Other</td> <td></td> <td></td> </tr> </table>				<input type="checkbox"/> Cementing - Prim	<input checked="" type="checkbox"/> Cementing - Rem.	<input type="checkbox"/> Code 9000	<input type="checkbox"/> Coiled Tubing	<input type="checkbox"/> Nitrogen		<input type="checkbox"/> Acidization	<input type="checkbox"/> Fracturing		<input type="checkbox"/> Industrial Services	<input type="checkbox"/> MPCT		<input type="checkbox"/> Other		
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<p>This Space Reserved for Client Coding Stamp</p>		<p>Field Sales 1 Sales 2</p>																
<p>Comments Job went great. Sanjel crew and equipment did a great job. Pumped job according to prog.</p>		<p>This service ticket is not an invoice; pricing is subject to review and change without notice. This signature confirms that I have read and comply with the terms and conditions page of this service ticket.</p> <p>X</p>																

## 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 10 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

Client Name Great Western Oil & Gas Company	Well Name Great Western 26 - 31	Rig HWS 39	Job Date November 15, 2015	Call Sheet 1062500
Client Representative Mr. Stan Brinar	Surface Well Location NE NE Sec 26, T6N, R66W	Down Hole Well Location	Job Type Cement Misc.	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)
12.250	0.000	0.000	7,391.000	--	--

#### 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)
8.625	24.000	J-55	1,370.0	2,950.0	28.09	8.097	9.625	0.0	441.0
4.500	11.600	N-80	6,350.0	7,780.0	114.87	4.000	5.000	0.0	7,391.0

#### 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	12.480	1.995	2.910	0.000	3,227.000

#### Products

##### Plug 1

From Depth (ft): 3227  
To Depth (ft): 3910  
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) = 50 , Bulk Temperature(°F) = 60 , Slurry Temperature(°F) = 70  
+ 0.5 % of CFR-2 (Preblend)

#### Fluid & Cement Data

Expected Cement Top:    —					
Wellbore Fluid					
<u>Fluid Type</u>	<u>Viscosity (cP)</u>	<u>Density (lbs/gal)</u>	<u>Yield Point (psi)</u>	<u>Temperature (°F)</u>	<u>Recorded@</u>
Water	—	—	—	—	Mar 24, 2015 15:22

#### Attachment & Tools

##### Down Hole Tools

Tool Type	Depth (ft)	Supplier
Cement Retainer	3,227.000	Third Party

Units & Personnel								
<b>Units</b>								
Truck Unit No.	Main Type	Sub Type	Tractor Unit No.	Main Type	Sub Type	Time On Location	Time Off Location	
449093	TRAILER	Utility Trailer	201025	PICKUP	1 Ton	11/15/2015 07:00	11/15/2015 10:30	
445047	TRAILER	SCM Twin	745047	TRACTOR	Tandem - Tractor	11/15/2015 07:00	11/15/2015 10:30	
446092	TRAILER	Bulker	746092	TRACTOR	Tandem - Tractor	11/15/2015 07:00	11/15/2015 10:30	
<b>Crew and Bonuses</b>								
Employee	Start Shift	End Shift	Second Start Shift	Second End Shift				
Hall, Andrew J (25267)	11/15/2015 07:00	11/15/2015 10:30						
Spirek, Matthew (26921)	11/15/2015 07:00	11/15/2015 10:30						
Dunsbergen, Scott (29737)	11/15/2015 07:00	11/15/2015 10:30						
Devine, Richard (29733)	11/15/2015 07:00	11/15/2015 10:30						
<b>Treatment Reports &amp; Remarks</b>								
<b>Treatment Report</b>								
Event #	Event Time	Event Description	Fluid Type	Rate (bbl/min)	Tubular Pressure (psi)	Annular Pressure (psi)	Stage Volume (bbl)	Total Volume (bbl)
1	Nov 15, 2015 07:00	Arrive On Location		--	--	--	--	0.00
2	Nov 15, 2015 07:10	Crew Briefing (Rig In)		--	--	--	--	0.00
3	Nov 15, 2015 07:45	Rig in Complete		--	--	--	--	0.00
4	Nov 15, 2015 08:00	Crew Briefing (Pre Job)		--	--	--	--	0.00
5	Nov 15, 2015 08:25	Pressure Test Start	Water	1.00	3,000.0	--	3.00	3.00
6	Nov 15, 2015 08:27	Pressure Test Complete		--	--	--	--	3.00
7	Nov 15, 2015 08:28	Establish Circulation	Water	2.00	500.0	--	10.00	13.00
8	Nov 15, 2015 08:35	Pump	0-1-0 G	2.00	500.0	--	51.20	64.20
9	Nov 15, 2015 09:00	Displace Fluid	Water	2.00	150.0	--	11.50	75.70
10	Nov 15, 2015 09:05	Stop		--	--	--	--	75.70
Remarks: Stop to sting out of Retainer								
11	Nov 15, 2015 09:18	Displace Fluid	Water	1.00	50.0	--	1.50	77.20
12	Nov 15, 2015 09:30	Rig Out		--	--	--	--	77.20
13	Nov 15, 2015 10:00	Job Complete		--	--	--	--	77.20
Remarks: AAR								
14	Nov 15, 2015 10:30	Leave Location		--	--	--	--	77.20
Did Float Hold:		Not Applicable						
Fluid Returns :		No						
Type :								
Volume (bbl) :								
Temperature (°F) :		--						
FDAS Functioning Correctly :		Yes						
Was the Program Followed As Per Design? :		Yes						
<b>Material Transfer Sheet Number</b>								
<u>Material Transfer Sheet Number</u>								
63810								





Client	Great Western Oil & Gas	Client Rep	Stan Brinar	Supervisor	Andy Hall
Ticket No.	9209130	Well Name	Great Western 26-31	Unit No.	445047
Location	NE NE Sec 26, T6N, R66W	Job Type	Well Stability Plug	Service District	505 Fort Lupton
Comments	Pumped job according to prog.				Job Date
					11/15/2015

