



# Cement Report

ENERGY SERVICES  
Liberal, Kansas

Customer Wht. Exploration Lease No. \_\_\_\_\_ Date 10-4-12

Lease Ruby Well # NX Service Receipt \_\_\_\_\_

Casing 8 5/8 Depth \_\_\_\_\_ County KS State KS

Job Type 8 5/8 Surface Formation \_\_\_\_\_ Legal Description 6-30-31

### Pipe Data

Casing size	Tubing Size	Shots/Ft	Cement Data
<u>8 5/8 242</u>	<u>TRB</u>		<b>Lead 485 sl. Alcon</b>
Depth	Depth	From	<u>300 CC, 1/4 # 1014 Pile</u>
<u>1981.91 ft</u>		To	<u>.296604-1</u>

Volume	Volume	From	To	Tail in 150 sl. Perm Plus
<u>123.375105 gal</u>		From	To	<u>298 cc, 1/4 # 1014</u>

Max Press	Max Press	From	To
		From	To

Well Connection	Annulus Vol.	From	To
		From	To

Plug Depth	Packer Depth	From	To
<u>1939.56 ft</u>		From	To

### Service Log

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Notes
<u>0800</u>					<u>Do locat on - Spot &amp; Pump</u>
<u>1230</u>					<u>Casings on bottom - Break Circ.</u>
<u>1245</u>					<u>Safety Meeting</u>
<u>1259</u>	<u>1500</u>				<u>Pressure Test 114</u>
<u>1307</u>	<u>200</u>		<u>5</u>		<u>Mix 150 sl. Alcon @ 1000 PPG</u>
<u>1359</u>	<u>200</u>		<u>5</u>		<u>Mix 150 sl. Perm Plus 148 PPG</u>
<u>1408</u>					<u>Spout Down - Dump top plug</u>
<u>1419</u>	<u>200</u>		<u>0</u>		<u>Start Displacement</u>
<u>1432</u>	<u>500</u>		<u>103</u>	<u>2/1</u>	<u>Slow Rate</u>
<u>1449</u>	<u>500-1000</u>		<u>123</u>		<u>Bump Plug</u>
<u>04119</u>	<u>1000-0</u>				<u>Release Pressure - Float Held</u>
					<u>Circulate Cement to the pit</u>

Service Units	Driver Names
<u>21765</u>	<u>K. W.</u>

Customer Representative

Station Manager

Cement

Taylor Printing, Inc.