



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1233453  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

Form must be Typed  
Form must be Signed  
All blanks must be Filled

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well       Re-Entry       Workover
- Oil       WSW       SWD       SIOW
- Gas       D&A       ENHR       SIGW
- OG       GSW       Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic       Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

- Deepening       Re-perf.       Conv. to ENHR       Conv. to SWD
- Plug Back       Conv. to GSW       Conv. to Producer
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum:  NAD27       NAD83       WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite:

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Confidentiality Requested  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



1233453

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

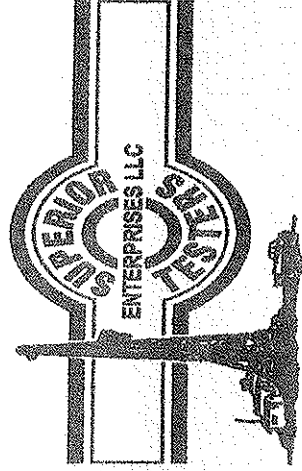
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:      Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR. \_\_\_\_\_ Producing Method:  
 Flowing     Pumping     Gas Lift     Other *(Explain)* \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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## DRILL STEM TEST REPORT

Prepared For: **Ring Energy Incorporated**

PO Box 11350  
Midland, Texas  
79702

ATTN:

**Jantz 32 #2**

**32/27S/30W/Gray**

Start Date: 2014.04.25 @ 16:56:00

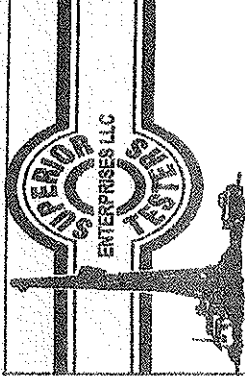
End Date: 2014.04.26 @ 03:14:00

Job Ticket #: 18224 DST #: 1

Superior Testers Enterprises LLC

PO Box 138 Great Bend KS 67530

1-800-792-6902



# DRILL STEM TEST REPORT

Ring Energy Incorporated

32127S130W/Gray

PO Box 11350  
Midland, Texas  
79702  
ATTN

Jantz 32 #2

Job Ticket: 18224

DST#: 1

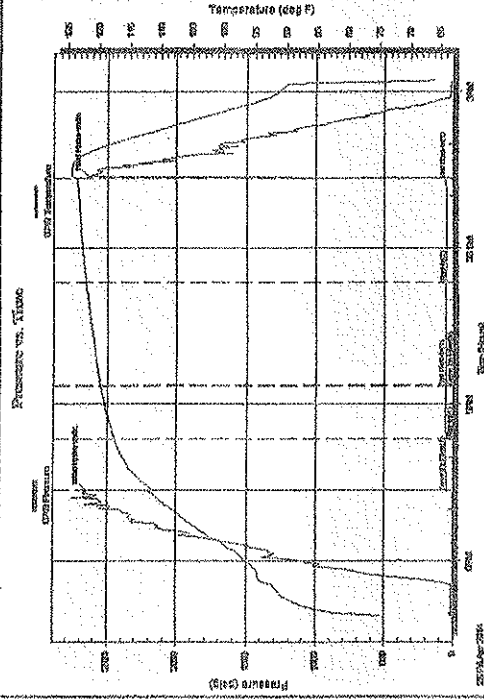
Test Start: 2014.04.25 @ 16:56:00

## GENERAL INFORMATION:

Formation: St. Louis  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 19:21:30  
 Time Test Ended: 03:14:00  
 Interval: 5287.00 ft (KB) To 5287.00 ft (KB) (TVD)  
 Total Depth: 5287.00 ft (KB) (TVD)  
 Hole Diameter: 7.80 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Ken Swinney  
 Unit No: 3325 Hugoton/116  
 Reference Elevations: 2825.00 ft (KB)  
 2813.00 ft (CF)  
 12.00 ft  
 KB to GRFC:

Serial #: 6749 Inside  
 Press@RunDepth: 49.80 psig @ 5283.00 ft (KB)  
 Start Date: 2014.04.25 End Date:  
 Start Time: 16:56:00 End Time:  
 Capacity: 5000.00 psig  
 Last Callb.: 2014.04.26  
 Time On Bttr: 2014.04.25 @ 19:21:00  
 Time Off Bttr: 2014.04.26 @ 01:22:30

TEST COMMENT: 1ST Open 60 Minutes/Very weak surface blow/Blow did not build/Blow died in 10 minutes  
 1ST Shut In 60 Minutes/No blow back  
 2ND Open 120 Minutes/Dead no blow  
 2ND Shut In 120 Minutes/No blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2652.11	111.94	Initial Hydro-static
1	45.16	111.43	Open To Flow (1)
60	50.42	117.40	Shut-in(1)
121	54.58	119.64	End Shut-in(1)
121	50.93	119.64	Open To Flow (2)
241	49.80	122.02	Shut-in(2)
360	49.49	123.45	End Shut-in(2)
362	2634.03	124.21	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
1.00	Mud 100%	0.01

## Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

# Superior Testers Enterprises L.L.C.

P.O. Box 138, Great Bend, Kansas 67530  
(800) 792-6902

Company Ring Energy Incorporated  
 Address PO Box 11350 Midland Texas 79702  
 Lease & # Teatz 32#2  
 Date 4-25-2014 County Gray Sec. 32 Twp. 27S Rng. 30W  
 Drilling Contractor Vol Energy Rip #2 Elevation 2813 G.L. K.B.  
 Drill Pipe Length 5248 I.D. of Drill Pipe 3.8 Tool Joint Size 4 3/4 X H  
 Drill Collar Length --- I.D. of Drill Collars --- Tool Joint Size ---  
 Mud Weight 7.25 Viscosity 51 Filtrate 8.4 Chlorides-Pits 2400 DST  
 Top Packer Depth 5254 Bottom Packer Depth 5259 Number of Packers 2  
 Tested From 5259 to 5257 Total Depth 5287 Anchor Length 28  
 Test # 1 Formation Tested St. Louis  
 Initial Blow Very weak surface blow/did not build/Blow died in 10 minutes  
 Final Blow Dead no blow Blow back on the 1st Shut-in None

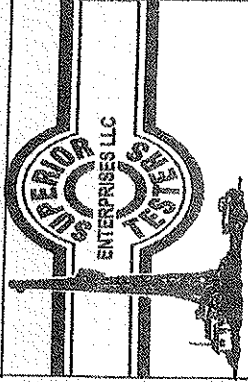
Initial Hydrostatic 2652 P.S.I. Final Hydrostatic 2634 Blow back on the 2nd Shut-in None F  
 Initial Opening 45 P.S.I. to 50 P.S.I. from 7:21 p.m. to 8:21 p.m. 60 minutes  
 Initial Shut-in 54 P.S.I. from 8:21 p.m. to 9:21 p.m. 60 minutes  
 Final Opening 50 P.S.I. to 49 P.S.I. from 9:21 p.m. to 11:21 p.m. 120 minutes  
 Final Shut-in 49 P.S.I. from 11:21 p.m. to 1:21 p.m. 120 minutes

Feet	Recovery Description	% Gas	% Oil	% Mud	% Water
1	Mud			100	

Total Feet Recovered 1 Recovery Chlorides N/A R.W. N/A ohms @ N/A Degrees  
 Gravity of oil N/A Corrected Gas to Surface in N/A minutes into the N/A  
 Max. Gas Gauged N/A MCF/day See Gas Flow Report Was a gas sample taken N/A  
 Comments 2 slot packers used

Extra Equipment-Jars Yes Safety Joint Yes Circulating Sub N/A Straddle N/A  
 Electronic Recorder No. 6749 Depth 5283 Extra Packer (3rd) N/A Hook Wall N/A  
 Bottom Recorder No. 8938 Depth 5284 Extra Packer (4th) N/A Sampler N/A  
 Tool Operator Ken Swinney Approved By ---

Ticket No. 18224



# DRILL STEM TEST REPORT

Ring Energy Incorporated

32/27S/30W/Gray

PO Box 11350  
Midland, Texas  
79702  
ATTN:

Jantz 32 #2

Job Ticket: 18224

DST#: 1

Test Start: 2014.04.25 @ 16:56:00

## GENERAL INFORMATION:

Formation: St. Louis  
Deviated: No Whipstock

ft (KB)

Time Tool Opened: 19:21:30

Time Test Ended: 03:14:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 3325 Hugoton/116

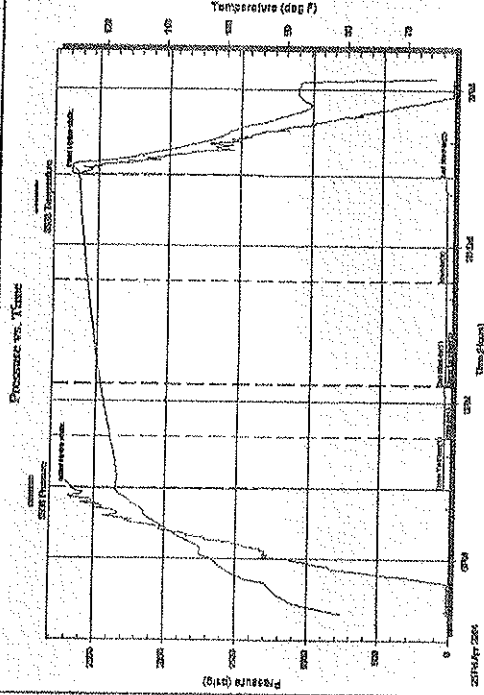
Reference Elevations: 2825.00 ft (KB)  
2813.00 ft (CF)

KB to GR/CF:  
12.00 ft

Serial #: 8938  
Press @ Run Depth: 48.07 psig @ 5284.00 ft (KB)  
Start Date: 2014.04.25  
Start Time: 16:56:00

Capacity: 5000.00 psig  
Last Calib.: 2014.04.26  
Time On Blm: 2014.04.25 @ 19:20:30  
Time Off Blm: 2014.04.26 @ 01:22:00

**TEST COMMENT:** 1ST Open 50 Minutes/Very weak surface blow/Blow did not build/Blow died in 10 minutes  
1ST Shut In 60 Minutes/No blow back  
2ND Open 120 Minutes/Dead no blow  
2ND Shut In 120 Minutes/No blow back



## PRESSURE SUMMARY

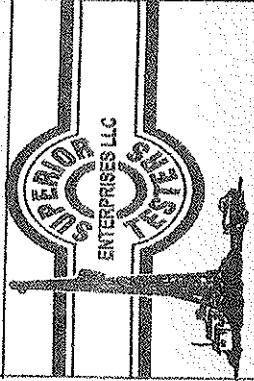
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2650.78	117.79	Initial Hydro-static
1	42.11	117.54	Open To Flow (1)
60	43.90	118.57	Shut-In(1)
120	49.50	120.39	End Shut-In(1)
121	43.79	120.41	Open To Flow (2)
240	44.01	122.82	Shut-In(2)
360	48.07	124.38	End Shut-In(2)
362	2634.07	125.42	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
1.00	Mud 100%	0.01

## Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



# DRILL STEM TEST REPORT

## FLUID SUMMARY

Ring Energy Incorporated

32/27S/30W/Gray

PO Box 11350  
Midland, Texas  
79702  
ATTN:

Jantz 32 #2

Job Ticket: 18224

DST#:1

Test Start: 2014.04.25 @ 16:56:00

### Mud and Cushion Information

Mud Type: Gel Chem  
Mud Weight: 9.00 lb/gal  
Viscosity: 51.00 sec/qt  
Water Loss: 8.39 in<sup>2</sup>  
Resistivity: ohm.m  
Salinity: 2400.00 ppm  
Filter Cake: 1.00 inches

Cushion Type:  
Cushion Length:  
Cushion Volume:  
Gas Cushion Type:  
Gas Cushion Pressure:

ft  
bbl  
psig  
Oil API:  
Water Salinity:  
deg API  
ppm

### Recovery Information

#### Recovery Table

Length ft	Description	Volume bbl
1.00	Mud 100%	0.014

Total Length: 1.00 ft      Total Volume: 0.014 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #:



**RECEIVED**  
MAY 06 2014  
BY \_\_\_\_\_

# INVOICE

PO Box 93999  
Southlake TX 76092

Invoice Number 142840  
Invoice Date Apr 20 2014  
Page 1

Voice (817) 546-7282  
Fax (817) 246 3361

<b>Bill To</b>
Ring Energy Inc PO Box 11350 Midland TX 79702

<b>Customer ID</b>	<b>Field Ticket #</b>	<b>Payment Terms</b>	
Ring Energy	52552	Net 30 Days	
<b>Job Location</b>	<b>Camp Location</b>	<b>Service Date</b>	<b>Due Date</b>
KS1 01	Liberal	Apr 20 2014	5/20/14

Quantity	Item	Description	Unit Price	Amount
1 00	WELL NAME	Jantz 32 #2		
200 00	CEMENT MATERIALS	Class A Common	17 90	3 580 00
26 00	CEMENT MATERIALS	Chloride	64 00	1 664 00
210 00	CEMENT MATERIALS	Flo Seal	2 97	623 70
640 00	CEMENT MATERIALS	Light Weight Type 1 Class A	16 50	10 560 00
950 20	CEMENT SERVICE	Cubic Feet Charge	2 48	2 356 50
2 001 93	CEMENT SERVICE	Ton Mileage Charge	2 60	5 205 02
1 00	CEMENT SERVICE	Surface	2 213 75	2 213 75
50 00	CEMENT SERVICE	Light Vehicle Mileage	4 40	220 00
1 00	CEMENT SERVICE	Manifold Rental	275 00	275 00
50 00	CEMENT SERVICE	Pump Truck Mileage	7 70	385 00
1 00	EQUIPMENT SALES	8-5/8 Guide Shoe	460 98	460 98
1 00	EQUIPMENT SALES	8 5/8 AFU Float Valve	446 94	446 94
1 00	EQUIPMENT SALES	8 5/8 Top Rubber Plug	131 04	131 04
1 00	EQUIPMENT SALES	8-5/8 Basket	559 26	559 26
17 00	EQUIPMENT SALES	8-5/8 Centralizer	74 88	1 272 96
1 00	EQUIPMENT OPERATOR	Aldo Espinoza		
1 00	EQUIPMENT OPERATOR	Cesar Pavia		
1 00	OPERATOR ASSISTANT	Victor Corona		
1 00	OPERATOR ASSISTANT	Ruben Perez		

Subtotal	29 954 15
Sales Tax	1 408 82
Total Invoice Amount	31 362 97
Payment/Credit Applied	
<b>TOTAL</b>	<b>31,362 97</b>

ALL PRICES ARE NET PAYABLE  
30 DAYS FOLLOWING DATE OF  
INVOICE 1 1/2% CHARGED  
THEREAFTER IF ACCOUNT IS  
CURRENT TAKE DISCOUNT OF

\$ 8 387 16

ONLY IF PAID ON OR BEFORE  
Apr 20 2014

*\$22,992.81*



# ALLIED OIL & GAS SERVICES, LLC 052552

Federal Tax I D # 20-5975804

REMIT TO PO BOX 31  
RUSSELL KANSAS 67665

SERVICE POINT  
Liberal (2D)

DATE <u>7-20-14</u>	SEC <u>32</u>	TWP <u>27</u>	RANGE <u>30</u>	CALLED OUT	ON LOCATION	JOB START <u>10:00pm</u>	JOB FINISH <u>11:00pm</u>
LEASE <u>Jantz 32</u> WELL # <u>2</u>			LOCATION <u>Copeland #5, 7m. north,</u>			COUNTY <u>Gray</u>	STATE <u>KS</u>
OLD OR (NEW) (Circle one)			<u>1/2 mile East, North into</u>				

CONTRACTOR Val Rio #2  
 TYPE OF JOB Surface  
 HOLE SIZE 12 1/4 TD  
 CASING SIZE 8 5/8 DEPTH 1828.15  
 TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL DEPTH  
 PRES MAX 2000 MINIMUM  
 MEAS LINE SHOE JOINT 42.33  
 CEMENT LEFT IN CSG  
 PERFS  
 DISPLACEMENT 113.880L

OWNER  
 CEMENT  
 AMOUNT ORDERED 640cs, Class A, 65/35,  
62gal, 32cc, 1/4 Flascol  
200cs, Class A, 24cc, 1/4 Flascol  
 COMMON Class A 200cs @ 17.90 3,580.00  
 POZMIX @  
 GEL @  
 CHLORIDE 26 sk @ 64.00 1,664.00  
 ASC @  
Flascol 210 lb @ 2.97 623.70  
ALWC Top class A 640cs @ 16.50 10,560.00  
 @  
 @  
 Materials @  
\$16427.70  
(459976/28%)  
 HANDLING 950.20 cu ft @ 2.48 2,356.50  
 MILEAGE 2021.93 700 mile @ 2.60 5,255.02

**EQUIPMENT**

PUMP TRUCK CEMENTER Aldo Espinosa  
 #549-550 HELPER Cesar Pavia  
 BULK TRUCK  
 #774-774 DRIVER Alex Carona  
 BULK TRUCK  
 #705-642 DRIVER Ruben Perez

**REMARKS**

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**SERVICE**

DEPTH OF JOB 1828  
 PUMP TRUCK CHARGE 2,213.75  
 EXTRA FOOTAGE @  
 MILEAGE Light 50mi @ 4.40 220.00  
 MANIFOLD 1 @ 275.00 275.00  
Heavy Vehicle 50mi @ 7.70 385.00  
 @

CHARGE TO Ring Energy Inc.  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

• 2983.48 / 28% TOTAL 10,155.27

**PLUG & FLOAT EQUIPMENT**

Guide Shoe 1 @ 460.98 460.98  
ABE Float Valve 1 @ 446.94 446.94  
Top Rubber Plug 1 @ 131.04 131.04  
Concent Basket 1 @ 559.26 559.26  
Centralizers 17 @ 74.88 1,272.96  
\$ 803.93 28% TOTAL 2,871.18

To Allied Oil & Gas Services LLC  
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the GENERAL TERMS AND CONDITIONS listed on the reverse side.

SALES TAX (If Any) \_\_\_\_\_  
 TOTAL CHARGES 29,954.15  
 DISCOUNT 8387.16 28% IF PAID IN 30 DAYS  
 NET = 21,566.99

PRINTED NAME Alan Witcher  
 SIGNATURE Alan Witcher