



Operator Name: REDLAND RESOURCES, INC. Lease Name: LEIKAM Well #: 24-12  
 Sec. 24 Twp. 23 S. R. 25  East  West County: HODGEMAN

**INSTRUCTIONS:** Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run: <b>NEUTRON DENSITY, MICROLOG,                  DUAL INDUCTION</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr> <td>STONE CORRAL</td> <td>1680</td> <td>+823</td> </tr> <tr> <td>CHASE</td> <td>2559</td> <td>-56</td> </tr> <tr> <td>BASE HEEBNER</td> <td>4004</td> <td>-1501</td> </tr> <tr> <td>STARK SHALE</td> <td>4364</td> <td>-1861</td> </tr> <tr> <td>CHEROKEE SH</td> <td>4619</td> <td>-2107</td> </tr> <tr> <td>MISSISSIPPIAN</td> <td>4710</td> <td>-2207</td> </tr> </tbody> </table>	Name	Top	Datum	STONE CORRAL	1680	+823	CHASE	2559	-56	BASE HEEBNER	4004	-1501	STARK SHALE	4364	-1861	CHEROKEE SH	4619	-2107	MISSISSIPPIAN	4710	-2207
Name	Top	Datum																				
STONE CORRAL	1680	+823																				
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STARK SHALE	4364	-1861																				
CHEROKEE SH	4619	-2107																				
MISSISSIPPIAN	4710	-2207																				

CASING RECORD <input checked="" 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
CONDUCTOR	30"	20"	48#	40'	REDIMIX	4 YDS	
SURFACE	12.25"	8.625"	24#	899'	65/35/CLASS	275/175	6%GEL,3%CC,.25# Floseal

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				

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
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TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> 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> <input type="checkbox"/> Other (Specify) _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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# MAP EXPLORATION, INC.

MICHAEL ANTHONY POLLOK, PRES.

P.O. BOX 106 ■ PURCELL, OKLAHOMA 73080  
OFFICE 405/527-6038 ■ HOME 405/527-5200 ■ MOBILE 405/823-4493 ■ FAX 405/527-7629  
■ E-MAIL: mapexpl@aol.com

## GEOLOGICAL REPORT

LEIKAM 24-12

SECTION 24 – T23S – R25W

HODGEMAN COUNTY, KANSAS

### INTRODUCTION

The above captioned well was drilled to a total depth of 4,975 feet on November 5, 2010. A one-man logging unit was on location from approximately 2,400 feet to TD. The well was under the geological supervision of the undersigned from approximately 4,600 feet to TD. At TD, Weatherford electric logs were run that consisted of Dual Induction, Compensated Neutron-Density, Micro-log, and Sonic log. From data collected while drilling and analyzing, potential hydrocarbon shows were encountered in the top of the Mississippian. Three drill stem tests were run across the upper portion of the Mississippian for further evaluation. The decision was made to plug and abandon the Leikam 24-12 as a dry hole.

### CHASE (COUNCIL GROVE)

The top of the Chase Porosity was topped at 2,570 (-67) feet. Samples were described as light grey to grey, very fine to fine crystalline dolomite with intercrystalline, pin-point and vugular porosity being observed. A dull yellow mineral fluorescence was observed.

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## MISSISSIPPIAN

The Mississippian Detrital or altered zone was tagged at 4,710 (-2207) feet. Samples were described as a conglomerate made up of limestones, fresh opaque cherts, shales and some sand grains. Porosities ranged from intercrystalline and intergranular to pin-point and vugular. A trace of yellow fluorescence along with a slow streaming cut dead oil staining and faint odor was observed. A drill stem test was run to further evaluate this interval with results as follows:

DST#1 (4672 - 4730) 30-60-60-120

Recovery: 20' oil cut mud

Flowing pressure: 23-29/25-36

Shut-in pressure: 105/180

Electric logs along with the above DST illustrate this zone to be "tight" with very little reservoir quality.

Another thirty six feet of Mississippian was drilled with fair to good drilling breaks being encountered. Samples were described as tan brown to dark brown, very fine to fine crystalline dolomite with some pin-point porosity being observed. A good yellow fluorescence with some brown oil staining, very good streaming cut and good odor was reported. DST #2 was run to evaluate this interval:

DST #2 (4730 - 4766) 30 - 60 - 60 - 120

Recovery: 40' oil cut mud

Flowing pressure: 26-29/27-36

Shut-in pressure: 95/136

Electric logs again showed the interval to be "tight", but with better porosity.

Another fourteen feet of good drilling break was cut. Samples were described as tan to light grey, very fine to fine crystalline sucrosic dolomite with good pin point and vugular porosity being seen. Excellent bright yellow fluorescence with brown oil staining and good streaming cut was observed. DST #3 was run to evaluate this interval:

DST #3 (4756 -4780) 30 – 60 – 60 – 120

Recovery: 100' watery mud, 118', muddy water

Flowing pressure: 22-55/62-113

Shut-in pressure: 1233/1231

Electric logs indicate a zone of 30% porosity that calculates "wet".

**ELECTRIC LOG TOPS**

	<b>REDLAND</b>	<b>GULF</b>
	<b>LEIKAM 24-12</b>	<b>ANDREW</b>
	<b>NW SW</b>	<b>NW NW</b>
	24-T23S-R25W	23-T23S-R25W
<b>STONE CORAL</b>	1680	1700
<b>(subsea)</b>	(+823)	(+800)
<b>CHASE</b>	2559	2567
<b>(subsea)</b>	(-0056)	(-0067)
<b>BASE HEEBNER</b>	4004	4002
<b>(subsea)</b>	(-1501)	(-1502)
<b>STARK SHALE</b>	4364	4364

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(subsea)	(-1861)	(-1864)
CHEROKEE SHALE	4610	4610
(subsea)	(-2107)	(-2110)
MISSISSIPPIAN	4710	4733
(subsea)	(-2207)	(-2233)

## CONCLUSION

The Leikam 24-12 was drilled as an exploratory test for a 3-D seismic high located in the W/2 of section 24 – T23S – R25W. The structure was encountered with approximately 20 feet of potential closure. Drill stem tests #1, 2 & 3 were run to test the Mississippian unconformity area. The first two tests were "tight" with the second producing water. These tests condemned the Mississippian. We were not able to encounter reservoir rock close enough to the unconformity to be productive. The Leikam 24-12 was plugged and abandoned as a dry hole.

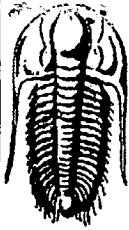
Respectfully submitted,



Mike Pollok

Petroleum Geologist.

11/09/10



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Redland Resources  
6001 NW 23rd ST.  
Oklahoma City OK, 73127  
ATTN: Dave Hickman

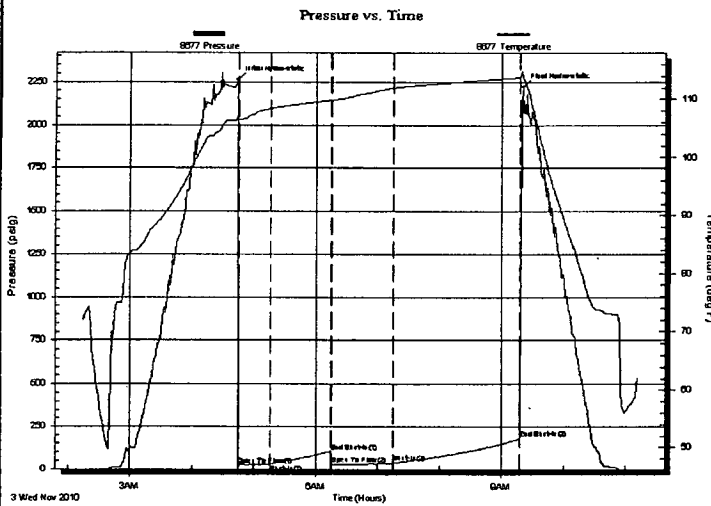
**Leikam #24-12**  
**24/23s/25w**  
Job Ticket: 39353      **DST#: 1**  
Test Start: 2010.11.03 @ 02:14:32

## GENERAL INFORMATION:

Formation: **Miss**  
Deviated: No    Whipstock:                      ft (KB)  
Time Tool Opened: 04:44:17  
Time Test Ended: 11:12:17  
Interval: **4672.00 ft (KB) To 4730.00 ft (KB) (TVD)**  
Total Depth: 4730.00 ft (KB) (TVD)  
Hole Diameter: 7.78 inches    Hole Condition: Good  
Test Type: Conventional Bottom Hole  
Tester: Mike Slemp  
Unit No: 53  
Reference Elevations: 2502.00 ft (KB)  
2491.00 ft (CF)  
KB to GR/CF: 11.00 ft

**Serial #: 8677      Inside**  
Press@RunDepth: 36.30 psig @ 4674.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2010.11.03      End Date: 2010.11.03      Last Calib.: 2010.11.03  
Start Time: 02:14:33      End Time: 11:12:17      Time On Btm: 2010.11.03 @ 04:43:02  
Time Off Btm: 2010.11.03 @ 09:20:32

TEST COMMENT: IF- Weak building blow , 1 inch in 30 min  
IS- No blow back  
FF- Weak Surface blow  
FS- No blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2261.05	106.82	Initial Hydro-static
2	23.33	106.51	Open To Flow (1)
33	29.12	108.40	Shut-In (1)
92	104.68	109.88	End Shut-In (1)
93	25.45	109.90	Open To Flow (2)
153	36.30	111.99	Shut-In (2)
275	179.71	113.80	End Shut-In (2)
278	2221.82	113.77	Final Hydro-static

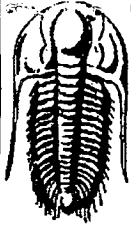
## Recovery

Length (ft)	Description	Volume (bbl)
20.00	OCM95% mud5% oil	0.10

## Gas Rates

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

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**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Redland Resources  
6001 NW 23rd ST.  
Oklahoma City OK, 73127  
ATTN: Dave Hickman

**Leikam #24-12**  
**24/23s/25w**  
Job Ticket: 39353      **DST#: 1**  
Test Start: 2010.11.03 @ 02:14:32

**Mud and Cushion Information**

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 45.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.98 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2400.00 ppm			
Filter Cake: inches			

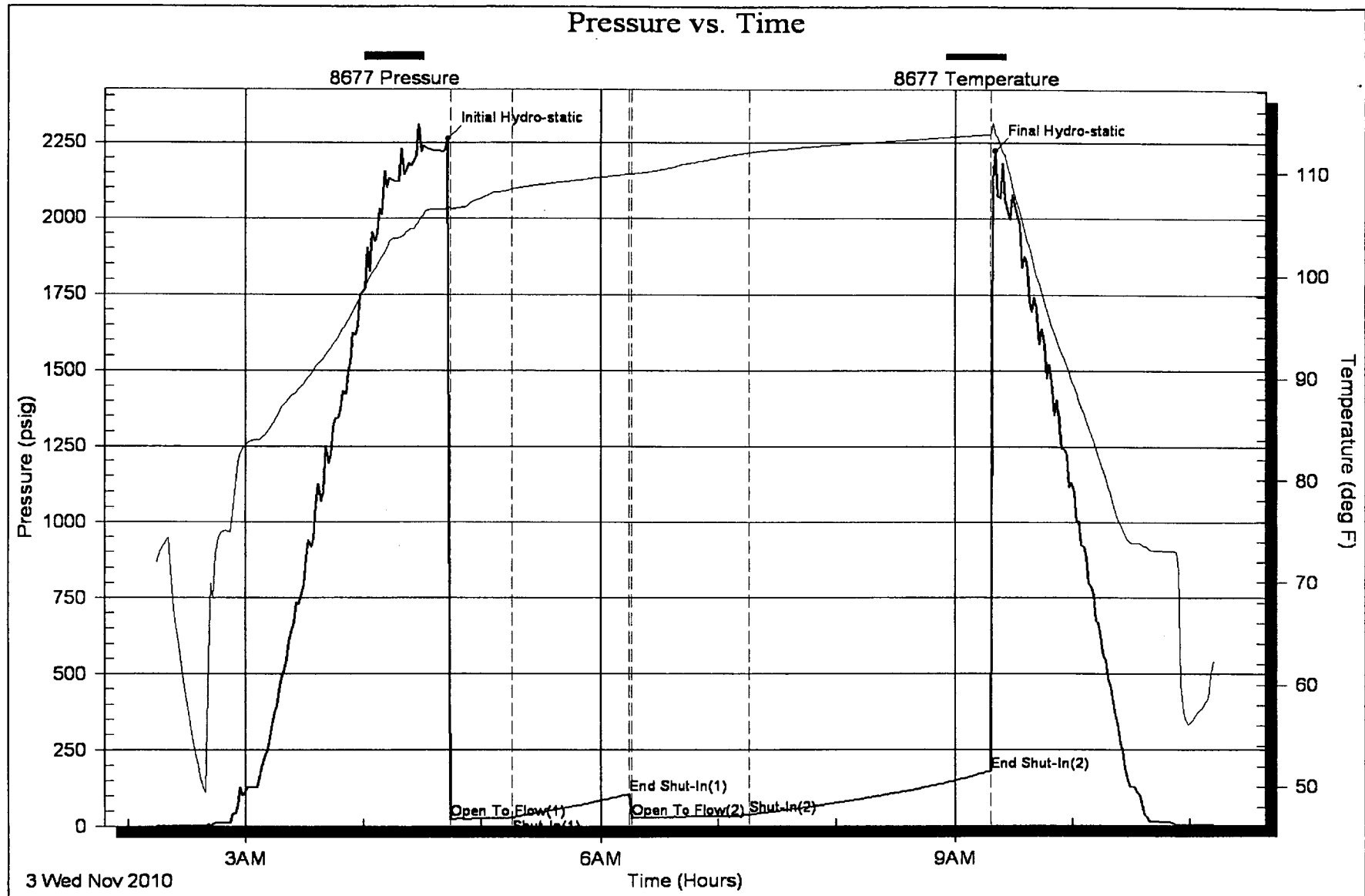
**Recovery Information**

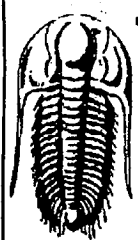
Recovery Table

Length ft	Description	Volume bbl
20.00	OCM95% mud5%oil	0.098

Total Length: 20.00 ft      Total Volume: 0.098 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:







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# DRILL STEM TEST REPORT

Redland Resources  
6001 NW 23rd ST.  
Oklahoma City OK, 73127

ATTN: Dave Hickman

**Leikam #24-12**

**24/23s/25w-Hodgeman**

Job Ticket: 40884      **DST#: 2**

Test Start: 2010.11.03 @ 19:50:32

## GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock:      ft (KB)

Time Tool Opened: 22:14:17

Time Test Ended: 05:14:32

Test Type: Conventional Bottom Hole

Tester: Jason McLemore

Unit No: 54

Interval: **4730.00 ft (KB) To 4766.00 ft (KB) (TVD)**

Total Depth: 4766.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches -hole Condition: Good

Reference Elevations: 2502.00 ft (KB)

2491.00 ft (CF)

KB to GR/CF: 11.00 ft

**Serial #: 6668      Inside**

Press@RunDepth: 35.82 psig @ 4733.00 ft (KB)

Start Date: 2010.11.03

End Date: 2010.11.04

Start Time: 19:50:34

End Time: 05:14:32

Capacity: 8000.00 psig

Last Calib.: 2010.11.04

Time On Btm: 2010.11.03 @ 22:14:02

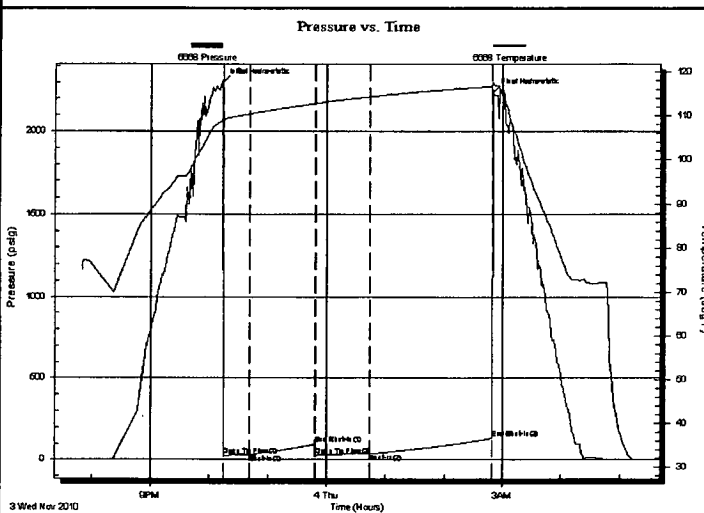
Time Off Btm: 2010.11.04 @ 02:50:32

**TEST COMMENT:** IFF-Weak Blow ,Died in 5 Min.

ISI-Dead

IFF-Dead for 20 Min,then Surface Blow for Remaining Period

FSI-Dead



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2299.19	109.02	Initial Hydro-static
1	25.99	108.23	Open To Flow (1)
28	29.34	110.39	Shut-In(1)
95	94.86	112.75	End Shut-In(1)
95	26.61	112.80	Open To Flow (2)
151	35.82	114.36	Shut-In(2)
276	132.56	116.71	End Shut-In(2)
277	2241.50	117.29	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
40.00	OCM-15%O-85%M	0.20

## Gas Rates

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

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# DRILL STEM TEST REPORT

## FLUID SUMMARY

Redland Resources  
6001 NW 23rd ST.  
Oklahoma City OK, 73127

**Leikam #24-12**  
**24/23s/25w-Hodgeman**  
Job Ticket: 40884      **DST#: 2**  
Test Start: 2010.11.03 @ 19:50:32

ATTN: Dave Hickman

### Mud and Cushion Information

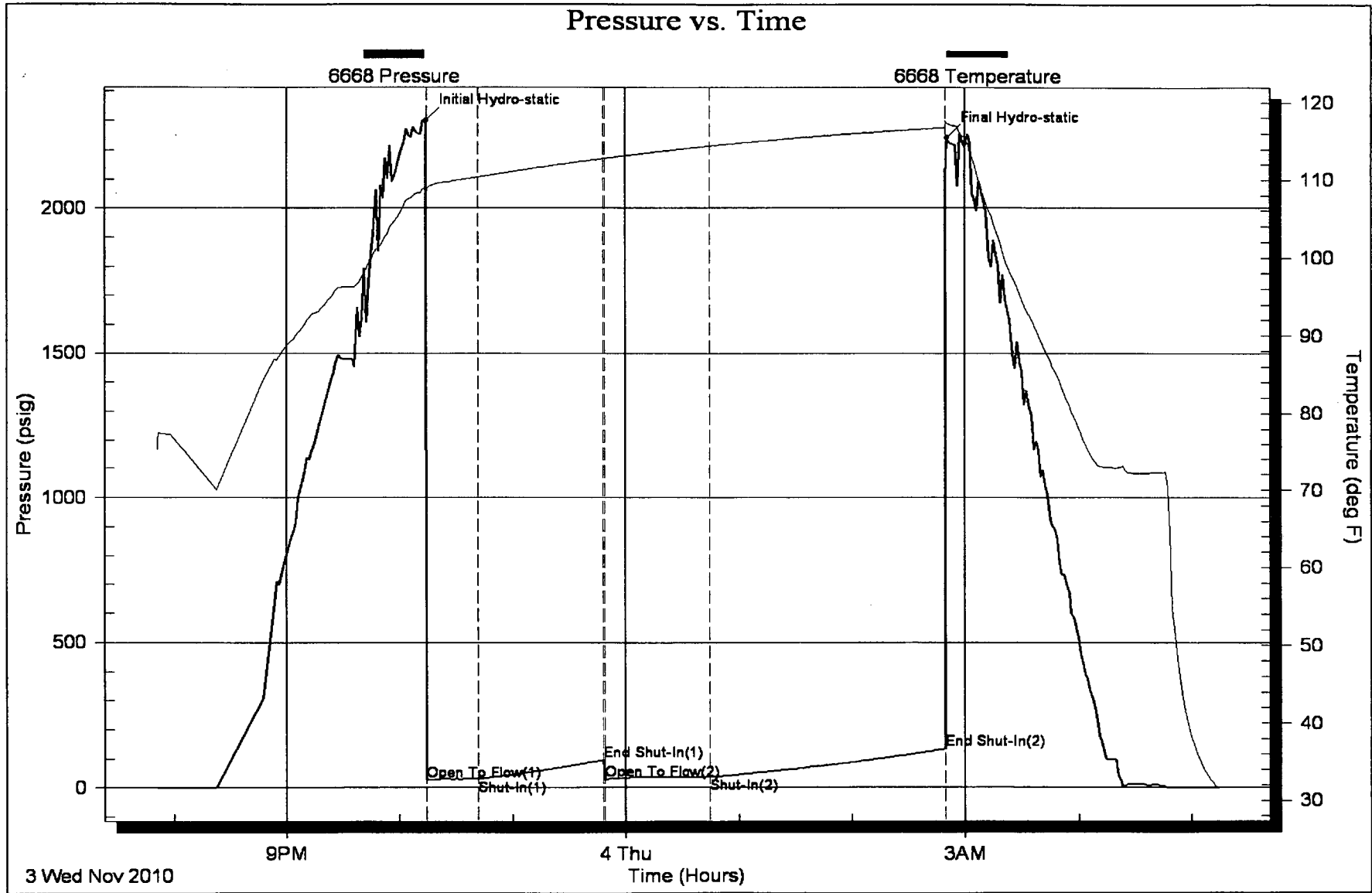
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.99 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3100.00 ppm			
Filter Cake: inches			

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
40.00	OCM-15%O-85%M	0.197

Total Length: 40.00 ft      Total Volume: 0.197 bbl  
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments:





**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Redland Resources  
6001 NW 23rd ST.  
Oklahoma City OK, 73127

ATTN: Dave Hickman

**Leikam #24-12**

**24/23s/25w-Hodgeman**

Job Ticket: 38946

**DST#: 3**

Test Start: 2010.11.04 @ 12:37:00

## GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:41:30

Time Test Ended: 21:35:15

Test Type: Conventional Bottom Hole

Tester: Chuck Smith

Unit No: 37

Interval: **4756.00 ft (KB) To 4780.00 ft (KB) (TVD)**

Total Depth: 4780.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches -hole Condition: Good

Reference Elevations: 2502.00 ft (KB)

2491.00 ft (CF)

KB to GR/CF: 11.00 ft

**Serial #: 8357**

**Inside**

Press@RunDepth: 112.93 psig @ 4760.00 ft (KB)

Start Date: 2010.11.04

End Date: 2010.11.04

Start Time: 12:37:05

End Time: 21:35:15

Capacity: 8000.00 psig

Last Calib.: 2010.11.04

Time On Btm: 2010.11.04 @ 14:39:00

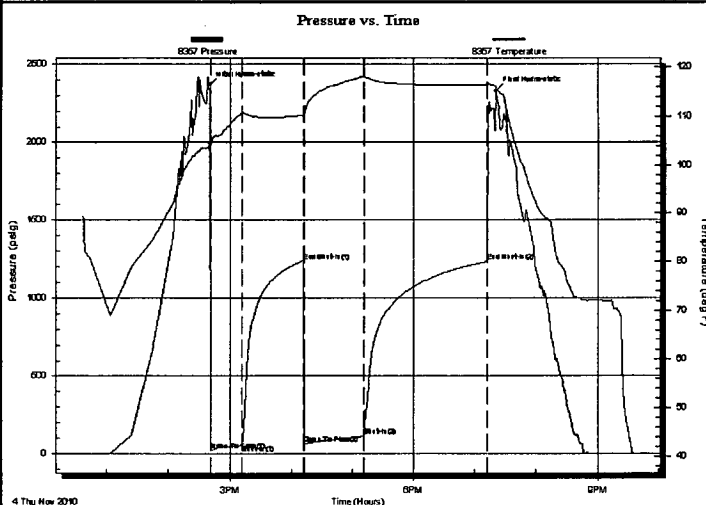
Time Off Btm: 2010.11.04 @ 19:20:30

TEST COMMENT: IF: 3 1/2" Blow.  
IS: No return.  
FF: 3 1/2" Blow.  
FS: No return.

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## PRESSURE SUMMARY

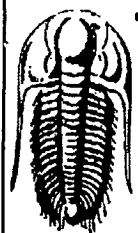
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2363.16	103.96	Initial Hydro-static
3	21.62	104.00	Open To Flow (1)
33	55.49	110.78	Shut-In(1)
93	1232.96	110.24	End Shut-In(1)
94	62.10	109.98	Open To Flow (2)
153	112.93	118.06	Shut-In(2)
273	1230.50	116.52	End Shut-In(2)
282	2327.89	116.09	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
100.00	WM 10w 90m	0.49
118.00	MW 30m 70w	0.58
0.00	RW:225 @ 58 Degrees F = 37000 PFM0.00	

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Redland Resources  
6001 NW 23rd ST.  
Oklahoma City OK, 73127

**Leikam #24-12**  
**24/23s/25w-Hodgeman**  
Job Ticket: 38946      **DST#: 3**  
Test Start: 2010.11.04 @ 12:37:00

ATTN: Dave Hickman

**Mud and Cushion Information**

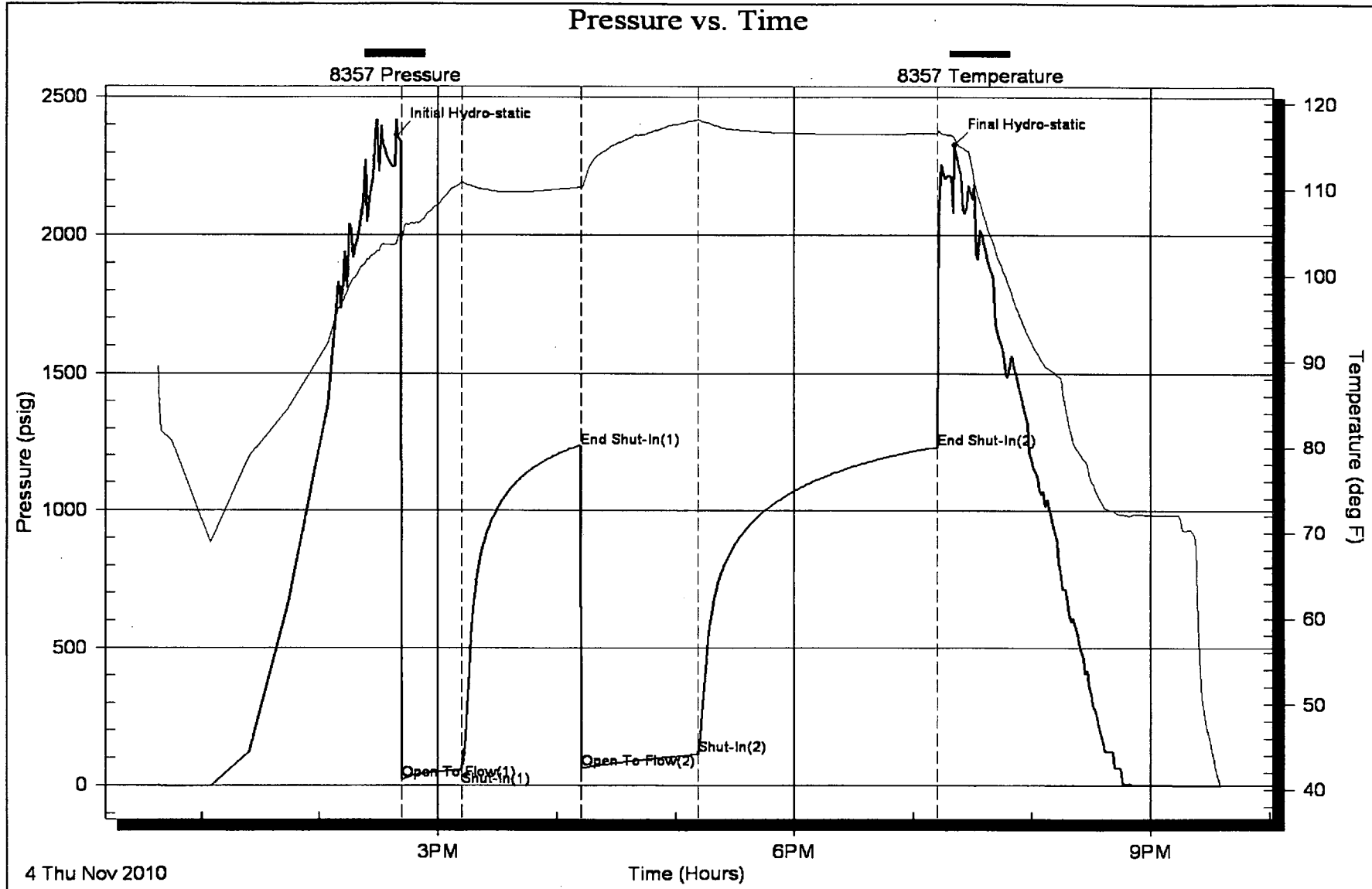
Mud Type: Gel Chem	Cushion Type:	Oil API: 0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 37000 ppm
Viscosity: 72.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.60 in <sup>3</sup>	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 3100.00 ppm		
Filter Cake: 1.00 inches		

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
100.00	WM 10w 90m	0.492
118.00	MV 30m 70w	0.580
0.00	RW:.225 @ 58 Degrees F = 37000 PPM	0.000

Total Length: 218.00 ft      Total Volume: 1.072 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:



# ALLIED CEMENTING CO., LLC. 040532

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT: Medicine Lodge, KS

DATE <u>11 05 10</u>	SEC. <u>24</u>	TWP. <u>23s</u>	RANGE <u>25w</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <u>2:00 AM</u>
LEASE <u>Leikam</u>		WELL # <u>24-12</u>		LOCATION		COUNTY <u>Hodgeman</u>	STATE <u>KS</u>
OLD OR NEW (Circle one) <u>NEW</u>							

CONTRACTOR Duke #9  
 TYPE OF JOB Rotary Plug  
 HOLE SIZE 7 1/8 T.D.  
 CASING SIZE 8 5/8 DEPTH 899  
 TUBING SIZE DEPTH  
 DRILL PIPE 4 1/2 DEPTH 1700  
 TOOL DEPTH  
 PRES. MAX MINIMUM  
 MEAS. LINE SHOE JOINT —  
 CEMENT LEFT IN CSG. —

OWNER Redland Res.  
 CEMENT AMOUNT ORDERED 210 sx 60:40:4% gel

PERFS.  
 DISPLACEMENT Fresh H<sub>2</sub>O & Drilling Mud

COMMON	<u>A</u>	<u>126 sx @ 15.45</u>	<u>1946.70</u>
POZMIX		<u>84 sx @ 8.00</u>	<u>672.00</u>
GEL		<u>8 sx @ 20.80</u>	<u>166.40</u>
CHLORIDE		@	
ASC		@	
		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING		<u>218 sx @ 2.40</u>	<u>523.20</u>
MILEAGE		<u>218 / 10 / 45</u>	<u>981.00</u>
TOTAL			<u>4289.30</u>

EQUIPMENT  
 PUMP TRUCK CEMENTER D. Felia  
 # 360-265 HELPER M. Thimesch  
 BULK TRUCK  
 # 364 DRIVER R. Gilley  
 BULK TRUCK  
 # DRIVER

REMARKS:  
Drill Pipe at 1700; load Hole, Pump 8 1/2 Fresh H<sub>2</sub>O  
Spacer, Mix 50 sx 60:40 cement, Disp. w/ 3 Fresh  
& 1 1/2 mud, Drill Pipe at 9:30; Fill hole, Pump  
8 1/2 Bbls Spacer, Mix 50 sx 60:40, Disp. w/ 3 Fresh  
& 7 mud, Drill Pipe at 400; Pump 10 Bbls Spacer,  
Mix 40 sx cement, Disp. w/ 3 Fresh Pipe at  
60; load Hole, Mix 20 sx, Plug rat & Mouse  
Holes w/ 50 sx 60:40 cement;

SERVICE

DEPTH OF JOB	<u>1700</u>		
PUMP TRUCK CHARGE		<u>1017.00</u>	
EXTRA FOOTAGE		@	
MILEAGE	<u>45</u>	@ <u>7.00</u>	<u>315.00</u>
MANIFOLD	<u>N/A</u>	@	
		@	
		@	
TOTAL			<u>1332.00</u>

CHARGE TO: Redland Res.  
 STREET 6001 NW 23<sup>rd</sup>  
 CITY OKC STATE OK ZIP 73127

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KCC WICHITA PLUG & FLOAT EQUIPMENT

To Allied Cementing Co., 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.

PRINTED NAME Chase Thomas  
 SIGNATURE [Signature]  
Thank You

None @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 TOTAL \_\_\_\_\_  
 SALES TAX (If Any) \_\_\_\_\_  
 TOTAL CHARGES [Crossed out]  
 DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS  
[Crossed out]



## GENERAL TERMS AND CONDITIONS

**DEFINITIONS:** In these terms and conditions, "ALLIED" shall mean Allied Cementing Co., LLC, and "CUSTOMER" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "Merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

—**TERMS:** Unless satisfactory credit has been established, CUSTOMER must tender full cash payment to ALLIED before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, CUSTOMER agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing, in no event shall this Contract provide for interest exceeding the maximum rate of interest that CUSTOMER may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the CUSTOMER or at the option of ALLIED, refunded directly to CUSTOMER. For purposes of this paragraph, ALLIED and CUSTOMER agree that Kansas law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.

—**ATTORNEY FEES:** In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the terms of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limited to, a reasonable sum as and for attorney's fees.

—**PRICES AND TAXES:** All merchandise listed in ALLIED'S current price schedule are F.O.B. ALLIED'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by ALLIED shall be added to the quoted prices charged to CUSTOMER.

—**TOWING CHARGES:** ALLIED will make a reasonable attempt to get to and from each job site using its own equipment. Should ALLIED be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by ALLIED, will be charged to and paid by CUSTOMER.

—**PREPARATION CHARGES:** If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay ALLIED for the expenses incurred by ALLIED as a result of the cancellation.

—**DEADHAUL CHARGES:** Unless otherwise specified on the front of this Contract, a deadhaul charge as set forth in ALLIED'S current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.

—**SERVICE CONDITIONS AND LIABILITIES:**

1. ALLIED carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond ALLIED'S control, ALLIED shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. CUSTOMER shall be responsible for and indemnify, defend, and hold harmless ALLIED, its officers, agents and employees, from and against any and all claims or suits for:

(A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:

(B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with ALLIED'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of ALLIED or its employees.

2. With respect to any of ALLIED'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to ALLIED at the landing, CUSTOMER shall either recover the lost item without cost to ALLIED or reimburse ALLIED the current replacement cost of the item unless the loss or damage results from the sole negligence of ALLIED or its employees.

3. ALLIED does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.

**WARRANTIES:**

1. ALLIED warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. ALLIED'S obligation under this warranty is expressly limited to repair, replacement, or allowance for credit, at its option, for any merchandise which is determined by ALLIED to be defective. THIS IS THE SOLE WARRANTY OF ALLIED AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and ALLIED shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.

2. More specifically:

(A) Nothing in this contract shall be construed as a warranty by ALLIED of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.

(B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by ALLIED or any interpretation of tests, meter readings, chart information, analysis of research, or recommendations made by ALLIED, unless the inaccuracy or incorrectness is caused by the willful misconduct or gross negligence of ALLIED or its employees in the preparation or furnishing of such facts, information or data.

(C) Work done by ALLIED shall be under the direct supervision and control of the CUSTOMER or his agent and ALLIED will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.

# ALLIED CEMENTING CO., LLC. 042248

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:  
*Medicine Lodge KS*

DATE <i>10-29-2010</i>	SEC. <i>24</i>	TWP. <i>23S</i>	RANGE <i>25W</i>	CALLED OUT <i>7:00 AM</i>	ON LOCATION <i>8:00 AM</i>	JOB START <i>4:00 PM</i>	JOB FINISH <i>5:00 PM</i>
LEASE <i>Leiken</i>	WELL # <i>24-12</i>	LOCATION <i>Wright ks 283250 Jct.</i>			COUNTY <i>Hobson</i>	STATE <i>KS</i>	
OLD OR <u>NEW</u> (Circle one)			<i>15N, 5W, 3N, 2 1/2 west to Rig</i>				

CONTRACTOR *Duke #9*  
 TYPE OF JOB *Surface*  
 HOLE SIZE *12 1/4* T.D. *904'*  
 CASING SIZE *8 5/8* DEPTH *899'*  
 TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL DEPTH  
 PRES. MAX MINIMUM  
 MEAS. LINE SHOE JOINT *42'*  
 CEMENT LEFT IN CSG.  
 PERFS.  
 DISPLACEMENT *5 1/2 bbls of fresh water*

EQUIPMENT  
 PUMP TRUCK CEMENTER *Darin E*  
 # *360-265* HELPER *Mcatt T.*  
 BULK TRUCK  
 # *356-250* DRIVER *Dave F.*  
 BULK TRUCK  
 # DRIVER

REMARKS:  
*Pipe on bottom & break circulation  
 Pump 3 bbls fresh water ahead, mix  
 275sx of lead cement, mix 175sx of  
 tail cement, shut down, Release plug  
 Start displacement, slow rate to 3 bpm  
 at 45 bbls, Bump plug at 5 1/2 bbls  
 see -1000 psi, float did not hold  
 cement did circulate*

CHARGE TO: *Redland Resources*  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

RECEIVED

JAN 10 2011

To Allied Cementing Co., LLC. **KCC WICHITA**  
 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.

PRINTED NAME *x Chase Thomas*  
 SIGNATURE *x [Signature]*

Thank You!!!

OWNER *Redland Resources*

CEMENT  
 AMOUNT ORDERED *275sx 63' 35' 6" 604*  
*3% cc + 1/4 # floseq, 175sx class A +*  
*3% cc + 2% 604*

COMMON	<i>175 sx</i>	@ <i>15.45</i>	<i>2703.75</i>
POZMIX		@	
GEL	<i>4 sx</i>	@ <i>20.80</i>	<i>83.20</i>
CHLORIDE	<i>16 sx</i>	@ <i>58.20</i>	<i>931.20</i>
ASC		@	
<i>ALW - 275 sx</i>		@ <i>14.80</i>	<i>4070.00</i>
<i>floseq L 68.75 #</i>		@ <i>2.50</i>	<i>170.00</i>
		@	
		@	
		@	
		@	
		@	
HANDLING	<i>487</i>	@ <i>2.40</i>	<i>1168.80</i>
MILEAGE	<i>487 / 10 / 45</i>		<i>2191.50</i>
			TOTAL <i>11,318.45</i>

SERVICE

DEPTH OF JOB	<i>899'</i>		
PUMP TRUCK CHARGE	<i>1018.00</i>		
EXTRA FOOTAGE	<i>599</i>	@ <i>.85</i>	<i>509.15</i>
MILEAGE	<i>45</i>	@ <i>7.00</i>	<i>315.00</i>
MANIFOLD		@	
<i>Headrents</i>		@	
		@	
			TOTAL <i>1842.15</i>

PLUG & FLOAT EQUIPMENT

<i>8 5/8</i>			
<i>1- Rubber Plug</i>	@		<i>113.00</i>
<i>1- AFV Insert</i>	@		<i>158.20</i>
<i>1- Basket</i>	@		<i>221.20</i>
<i>3- Centralizers</i>	@ <i>44.80</i>		<i>134.40</i>
	@		
			TOTAL <i>626.80</i>

SALES TAX (If Any) \_\_\_\_\_  
 TOTAL CHARGES ~~\_\_\_\_\_~~  
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~~\_\_\_\_\_~~

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