Kansas Corporation Commission Oil & Gas Conservation Division

ORIGINAL

June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 32204	API No. 15 - 033-21575-00-00
Name: REDLAND RESOURCES, INC.	Spot Description:
Address 1: 6001 NW 23RD STREET	
Address 2:	
City: OKLAHOMA CITY State: OK Zip: 73127 +	2,110 Feet from East / 🗹 West Line of Section
Contact Person: ALAN THROWER	Footages Calculated from Nearest Outside Section Corner:
Phone: (405) 789-7104 RECEIVED	□NE ☑NW □SE □SW
CONTRACTOR: License # 5929	County: COMANCHE
Name: DUKE DRILLING MAR 0 4 2011	Lease Name: TONI Well #: 14-3
Wellsite Geologist: MIKE POLLOK	Field Name: SHIMER
Purchaser: HIGH SIERRA CRUDE	Producing Formation: MISSISSIPPIAN
Designate Type of Completion:	Elevation: Ground: 2005 1900 Kelly Bushing: 2017 1918
▼ New Well	Total Depth: 5275' Plug Back Total Depth: 5221'
☑ Oil □ wsw □ swd □ slow	Amount of Surface Pipe Set and Cemented at: 267 Feet
☐ Gas ☐ D&A ☐ ENHR ☐ SIGW	Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
☐ OG ☐ GSW ☐ Temp. Abd.	If yes, show depth set: Feet
CM (Coal Bed Methane)	If Alternate II completion, cement circulated from:
Cathodic Other (Core, Expl., etc.):	feet depth to: w/ sx cmt.
If Workover/Re-entry: Old Well Info as follows:	
Operator:	Drilling Fluid Management Plan
Well Name:	(Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth:	Chloride content: 3500 ppm Fluid volume: 760 bbls
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Dewatering method used: TRUCK TO DISPOSAL
☐ Conv. to GSW	
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name: OIL PRODUCERS
SWD Permit #:	Lease Name: RICH #9 SWD License #: 8061
	Quarter SE Sec. 22 Twp. 32 S. R. 19 East West
GSW Permit #:	County: COMANCHE Permit #: 28178
10/04/10 10/10/10 11/15/10	
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date	
Kansas 67202, within 120 days of the spud date, recompletion, workover or coof side two of this form will be held confidential for a period of 12 months if rec	the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information quested in writing and submitted with the form (see rule 82-3-107 for confidential report shall be attached with this form. ALL CEMENTING TICKETS MUST rm with all temporarily abandoned wells.
AFFINAVIT	KCC Office Hee ONLY
AFFIDAVIT I am the affiant and I hereby certify that all requirements of the statutes, rules and I	
lations promulanted to regulate the oil and are industry have been fully complied	Luith Letter of Confidentiality Received

and the statements herein are complete and correct to the best of my knowledge.

Date: MARCH 2, 2011

Signature:

Title: PRESIDENT

| Letter of Confidentiality Received
| Date: _______ Confidential Release Date: _______
| Wireline Log Received
| Geologist Report Received
| UIC Distribution | ALT | I | III | Approved by: Date

Operator Name: REDLAND RESOURCES, INC.				Lease	Name: _	IONI		Well #: <u>14</u>	-3	
Sec. 14 Twp.33	s. R. <u>17</u>	☐ East	✓ West	Count	y: <u>COM</u>	IANCHE				****
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 Wireline Logs surveyed. Attach final geological well site report.										
Drill Stem Tests Take	Drill Stem Tests Taken (Attach Additional Shocks)						n (Top), Depth	and Datum		Sample
Samples Sent to Geo	•	٧	es No		Nam			Тор		Datum
Cores Taken	nogical curvey	Y			TOP F	_		2403 3300		85 382
Electric Log Run	d Planton de allo	 ✓Y	es 🗌 No			EBNER		4190		272
Electric Log Submitte (If no, Submit Cop.		□ Y	es √ No		LANS			4381	-2	463
List All E. Logs Run:					STAR	K SH		4718	-2	800
~	ION, MICROLO	G,			CHEF	ROKEE		5008	-3	090
NEUTRON DE	NSITY				MISS	UNCONFORM		4070	-3	152
		Bon		RECORD	√ Ne		ot-			
Purpose of String	Size Hole	St	ze Casing	We	ight	ermediate, producti Setting	Type of	# Sacks		and Percent
CONDUCTOR	Drilled 30"	20"	t (In O.D.)	50#	/Ft.	Depth 40'	GROUT	4 YDS	A	Additives
SURFACE	17.5"	13.375"		48#		267'	CLASS A	250		
PRODUCTION	7.875"	4.5"		10.5#		5263'	ASC	225		
			ADDITIONAL	. CEMENT	ING / SQL	JEEZE RECORD			.1	
Purpose: Perforate	Depth Top Bottom	Турє	of Cement	# Sack	ks Used Type and Percent Additives					
Protect Casing Plug Back TD										
Plug Off Zone										
Shots Per Foot			RD - Bridge Plug Each Interval Perl				ture, Shot, Cem	ent Squeeze Recor Material Used)	d 	Depth
2	5108-5113'					ACID - 10 BBLS 10% ACETIC, 500 GAL 15%			ALL	
					NEFE; SET CIBP @ 5105'.				ALL	
2 5077-5086;					ACID- 10 BBLS 10% ACETIC				ALL	
	1000 GAL 15% NEFE ALL						ALL			
									RECE	IVED
TUBING RECORD:	Size: 2.375"	Set At: 4907'		Packer A	\t: 	Liner Run:	Yes 🗸	No	MAR Q	4 2011
Date of First, Resumed 12/02/10	Production, SWD or EN	HR.	Producing Meth	nod: 	ng 🗌	Gas Lift 🔲 O	ther (Explain)	K	ec W	ATIFOR
Estimated Production Per 24 Hours	Oil 8	3bls.	Gas -	Mcf	Wate	er Bi	ols.	Gas-Oil Ratio	VV YY	Gravity
	ON OF GAS:		_	METHOD OI				PRODUCTION	ON INTER	VAL:
Vented Sold	d		_	Perf.	U Dually		nmingled nit ACO-4)	5077-5086'		
1	•	1 4	Other (Specify)				1 -			

ALLIED CEMENTING CO., LLC. 042218

REMIT TO P.O. B		NSAS 676	65		SER	VICE POINT:	neladge K
	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	/
DATE 0 -05/0	14	335	17w			CQUNTY	JOB FINISH 6:30 Am
LEASE toni	WELL#	14-3	LOCATION C6	water 15, 9E, 4	ElEZKSEF	& Comanch	STATE
OLD OR NEW Ci	rcle one)		Sinto				
	01:	+ 0	7		0111	0	
	<u>Duke t</u>	7	.	OWNER	Redland	Kes.	
TYPE OF JOB HOLE SIZE /プル	ctace	Tr	270	CEMENT			
	33/9	400	PTH 267		RDERED <u>250</u>	SX - GCCH	1+3% cc+
TUBING SIZE			PTH	2/gel	KDEKED <u>BEFO</u>	77 Class 11	70007
DRILL PIPE			PTH				
TOOL		<u>DE</u>	PTH	Mile Mile Marie 19	1		
PRES. MAX 30	0		NIMUM —		A 250 sx	<u>.</u> @ <u>/5.45</u>	3862.s
MEAS. LINE	1.000		OE JOINT NA	POZMIX _		_@	121/ 00
CEMENT LEFT IN PERFS.	<u>۱ (۵۵. م</u>			GEL	5 3x 7 5 x	_@ <i>_20.80</i>	407.40
DISPLACEMENT	37%	BLIC Fro	es/ H2D	CHLORIDE ASC	/ 3 %	_@ <i>58.2</i> 0 @	707.40
DIST BITCE MEETIN		UIPMENT		A3C		_	
	EQ	OTE MINITE				_	
DUMPTRUCK	CEMENI	TER D. F	-1.				
		M. Thi	•				
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	DRIVER	J. Th	imesch			_@	
BULK TRUCK			1771000			_ @ 	
#	DRIVER			— HANDLING	262.	_@ <u>Z40</u>	628.80
				MILEAGE _	262/25/	10	655.00
	RE	MARKS:			7-7	ТОТАІ	5657.7
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contractor to do v							
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contractor. I have	e read an	d understa	nd the "GENERA				
TERMS AND CO	ONDITIO	NS" liste	d on the reverse s	ide. SALES TAX	(If Any)		
				TOTAL CHA	RGES		>
PRINTED NAME	DAVID	HICKMA	11/	DISCOUNT		IE DA	ID IN 30 DAYS
						II FA	אט אני או שו
SIGNATURE	1/2 3	1 11.1		78			-

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 wilful 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. 042233

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

Thank You!!!

SERVICE POINT:

Medicino Loase Ks

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DATE 16-11-2010	SEC. 14	TWP. 335	RANGE	17w	CALLED OUT		NLOCATION 7.00 Am	JOB S'	TART 3 0 pm	JOB FINISH
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TUBING SIZE		DEP			2255x	C1855	H AS	+5#	Kolse	091 + 44#
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TOOL	***	DEP								
PRES. MAX		**	IMUM		COMMO	N A	30 sx	@ 1S	5.45	463.50
MEAS. LINE			E JOINT	42	POZMIX	· ·	20 sx			160.00
CEMENT LEFT IN	I CSG	0110	L JOHT.		GEL		2 sx			41.60
PERFS.	1 050.	*****			CHLORII	\ <u></u>	<u>~ 3x</u>	_ @ <u>_</u>	<u></u>	77.0-
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To Allied Cement	ting Co., L	LC.			6-101	bo liz	ors			218.70
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and furnish cemer	-		_					@		
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SIGNATURE <u>K</u>	Alud	Hicken	a			À.				
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- (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.
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- 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:
- * F. 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.
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- (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 wilful 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.



MAP EXPLORATION, INC.

MICHAEL ANTHONY POLLOK, PRES.

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■ E-MAIL: mapexpl@aol.com

GEOLOGICAL REPORT TONI 14-3 N2 NE NW SECTION 14 –T33S – R17W COMANCHE COUNTY, KANSAS

SUMMARY

The above captioned well was drilled to a total depth of 5,275 feet on October 10, 2010. A one-man logging unit was on location from approximately 2,800 feet to TD, with one-man mud-logging beginning at 4,000 feet. The well was under the geological supervision of the undersigned from 4,900 feet to TD. At TD, Weatherford electric logs were run that consisted of Dual Induction, Compensated Neutron-Density and Micro-log. From the data collected while drilling and analyzing, hydrocarbon shows were encountered in the Mississippian Warsaw Dolomite. The decision was made to set production casing and complete the well in the above mentioned zone.

WARSAW DOLOMITE

The Warsaw Dolomite was encountered at 5,083 (-3,202) feet. Samples were described as cream, tan, light brown, brown, white, slightly glauconitic and limey intercrytsalline, very sucrosic dolomite with abundant dolomitic limestone and fresh weathered chert scattered through out. Very good inter-crystalline and pin-point porosity could be seen. A dull yellow fluorescence, trace of light brown live oil staining, good odor, and good streaming cut were observed. Several drilling breaks occurred throughout the 37 foot zone. The gas chromatograph registered 60 and 63 unit kicks in the upper part of the zone with the lower drilling break, which occurred at 5,115 feet, registering a 169 unit kick. A drill stem test was run on the upper twenty feet of the zone for further evaluation, with the results as follows:

DST#1 (5075' - 5105') e-log corrected 30 - 60 - 30 - 120

Recovery: 65 drilling mud w/trace oil show (1%)

1920' gas in pipe

Flowing pressures: 23-33/25-40 Shut-in pressures: 1397/1477

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Electric logs showed 3 distinct porosity intervals each averaging over 20%. The upper zone porosity was as high as 24%, the second zone was as high as 25% and the lowest zone was 22%. The micro-log showed good separation which would indicate good permeability in all three zones.

ELECTRIC LOG TOPS

	REDLAND	CONTINENTAL	HUBER
	TONI 14-3	C. EINSIL 1	EINSEL-BIDDLE 1
	N2 NE NW	N2 NW	NE NE
	14-T33S-R17W	14-T33S-R17W	14-T33S- R17W
CHASE	2403	2408	2407
(Subsea)	(-485)	(-484)	(-478)
TOP PENN	3300	3311	3300
(Subsea)	(-1382)	(-1400)	(-1371)
BS, HEEBNER	4190	4202	4199
(Subsea)	(-2272)	(-2277)	(-2270)
LANSING (Subsea)	4381	4390	4386
	(-2463)	(-2465)	(-2457)
STARK SH.	4718	4726	4721
(Subsea)	(-2800)	(-2801)	(-2792)
CHEROKEE SH	. 5008	5020	5012
(Subsea)	(-3090)	(-3095)	(-3083)
MISS. UNCON. (Subsea)	5070	5084	5074
	(-3152)	(-3159)	(-3145)
BS. WARSAW	5120	5144	5122
(Subsea)	(-3202)	(-3219)	(-3193)

CONCLUSION

The Toni 14-3 was drilled as a continued developmental well of the Warsaw Dolomite. After all data was analyzed it was determined that this zone should be productive. A decision was made to run pipe and complete the well in the Mississippian Warsaw Dolomites.

Respectfully submitted,

Beth Brock

Petroleum Geotech

10/12/10

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DRILL STEM TEST REPORT

Redland Resources, Inc.

8001 NW 23RD Street Oklahoma City, OK 73127

ATTN: Dave Hickman

TONI #14-3

14-33s-17w-CM-KS

Job Ticket: 39461

DST#: 1

Test Start: 2010.10.09 @ 14:56:00

GENERAL INFORMATION:

Time Tool Opened: 18:26:40

Time Test Ended: 00:55:00

Formation:

MISSISSIPPIAN

Deviated:

No Whipstock: ft (KB)

Test Type: Conventional Bottom Hole

Tester:

Jake Fahrenbruch

Unit No:

Reference Elevations:

1919.00 ft (KB)

1908.00 ft (CF)

KB to GR/CF:

11.00 ft

Interval: Total Depth: 5080.00 ft (KB) To 5110.00 ft (KB) (TVD)

5110.00 ft (KB) (TVD)

Hole Diameter:

Start Date:

Start Time:

7.88 inches Hole Condition: Good

Inside

Serial #: 8648 Press@RunDepth:

39.63 psig @

2010.10.09

14:56:05

5081.00 ft (KB) End Date:

End Time:

2010.10.10 00:55:00 Capacity:

8000.00 psig

Last Calib.: Time On Btm:

2010.10.10 2010.10.09 @ 18:25:00

Time Off Btm:

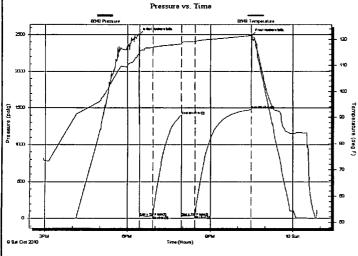
2010.10.09 @ 22:30:09

TEST COMMENT: IF: Strong blow , BOB 4 minutes.

ISI: Bled off, no blow back.

FF: Strong blow, BOB immediately. No GTS.

FSI: Bled off, no blow back.



		PI	RESSUR	E SUMMARY
	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
	0	2500.29	114.26	Initial Hydro-static
	2	23.26	115.39	Open To Flow (1)
	30	32.79	116.87	Shut-ln(1)
_	92	1396.65	118.14	End Shut-In(1)
emoe.	93	24.80	118.31	Open To Flow (2)
Temperature (ded	122	39.63	119.11	Shut-In(2)
(000)	245	1476.89	121.38	End Shut-in(2)
J	246	2484.49	122.14	Final Hydro-static

Recovery

Length (ft)	Description	Valume (bbl)
65.00	Drlg Mud w/trace show of oil -1%o +99	%0.32
0.00	1920' GIP	0.00

Gas Rates

Choke (inches)

Pressure (psig)

Gas Rate (Mcf/d)

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DRILL STEM TEST REPORT

FLUID SUMMARY

Redland Resources, Inc.

TONI #14-3

8001 NW 23RD Street Oklahoma City, OK 73127 14-33s-17w-CM-KS Job Ticket: 39461

DST#:1

ATTN: Dave Hickman

Test Start: 2010.10.09 @ 14:56:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type: 9.00 lb/gal

Oil API:

deg API

Mud Weight:

57.00 sec/qt

Cushion Length: Cushion Volume: Water Salinity:

ppm

Viscosity: Water Loss: 8.79 in³

Gas Cushion Type:

ft bbl

Resistivity:

ohm.m 3500.00 ppm

Gas Cushion Pressure:

psig

Salinity: Filter Cake:

inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
65.00	Drlg Mud w/trace show of oil -1%o +99%m	0.320
0.00	1920' GIP	0.000

Total Length:

65.00 ft

Total Volume:

0.320 bbl

Num Fluid Samples: 0

Num Gas Bombs: Laboratory Location: Serial #:

Laboratory Name:

Recovery Comments: 4# LCM

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