KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

ť

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 32204	API No. 15 - 135-25226-00-00
Name: REDLAND RESOURCES, INC.	Spot Description:
Address 1: 6001 NW 23RD STREET	NW_SESec31Twp20S R25
Address 2:	1,980 (987 Feet from North / South Line of Section
City: OKLAHOMA CITY State: OK Zip: 73127 +	
Contact Person: ALAN THROWER	1,980 1904 Feet from ✓ East / ☐ West Line of Section G/5-(-CC-Dc Footages Calculated from Nearest Outside Section Corner:
Phone: (405) 789-7104	1 <u> </u>
	□ NE □ NW ☑ SE □ SW
CONTRACTOR: License #_5929 Name: DUKE DRILLING CO. INC.	County: NESS Lease Name: HARRIET Well #: 31-10
THAT IS	Lease Name: HARRIET Well #: 31-10
Wellsite Geologist: MIKE POLLOK	Field Name: McVICKER SE
Purchaser: PARNON GATHERING	Producing Formation: MISSISSIPPIAN
Designate Type of Completion:	Elevation: Ground; 2408 Kelly Bushing: 2421
✓ New Well	Total Depth: 4500 Plug Back Total Depth: 4480
☑ oil 🗌 wsw 🔲 swd 📋 siow	Amount of Surface Pipe Set and Cemented at: 221 Feet
☐ Gas ☐ D&A ☐ ENHR ☐ SIGW	Multiple Stage Cementing Collar Used?
☐ OG ☐ GSW ☐ Temp. Abd.	If yes, show depth set: 1695' Feet
CM (Coal Bed Methane)	If Alternate II completion, cement circulated from: 1695
Cathodic Other (Core, Expl., etc.):	feet depth to: SURFACE w/_ 350 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: 4800 ppm Fluid volume: bbls
☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD ☐ Conv. to GSW	Dewatering method used: EVAPORATION RECEIVED
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite: SEP 1 9 2011
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	Operator Name: License #: KCC WICHITA
SWD Permit #:	License #:
ENHR Permit#:	QuarterSec twpS. R [] East [] West
GSW Permit #:	County: Permit #:
03/25/11 03/30/11 5/16/11	
Spud Date or Pate Reached TD Completion Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date	
Kansas 67202, within 120 days of the spud date, recompletion, workover or of side two of this form will be held confidential for a period of 12 months if re-	the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, conversion of a well. Rule 82-3-130, 82-3-108 and 82-3-107 apply. Information quested in writing and submitted with the form (see rule 82-3-107 for confidencell report shall be attached with this form. ALL CEMENTING TICKETS MUST with all temporarily abandoned wells.
AFFIDAVIT	KCC Office Use ONLY
I am the afflant and I hereby certify that all requirements of the statutes, rules and	regu-
lations promulgated to regulate the oil and gas industry have been fully complied and the statements herein are complete and correct to the best of my knowled	I = .
A Statements herein are complete and confect to the best of my knowled	Confidential Release Date:
Will Morry	Wireline Log Received
Signature:	——
Title: PRESIDENT Date: 09/15/11	ALT I III Approved by: Date: 9(20 1

Side Two

Operator Name: RE	DLAND RESOUR	RCES, IN	1C,	_ Lease	Name: _	HARRIET		Well #:31	-10	
Sec. 31 Twp.20	S. R. <u>25</u>	☐ East	✓ West		: NES					
INSTRUCTIONS: Sh time tool open and clo recovery, and flow rate line Logs surveyed. A	sed, flowing and shu es if gas to surface te	t-in pressi st, along v	ures, whether st with final chart(s	hut-in pres	sure read	ched static level,	hydrostatic press	ures, bottom	hole temp	erature, fluid
Drill Stem Tests Taken (Attach Additional S		⊘ Y	es 🗌 No		V L	og Formation	n (Top), Depth an	d Datum		Sample
Samples Sent to Geo	•	⊘ Y	es 🔲 No		Nam STON	e E CORRAL		Тор 1605		Datum 315
Cores Taken		□ Ye				EBNER		3718	-1	298
Electric Log Run	d Ekoetropiesthy	[LANS	NG		3798	-1	378
Electric Log Submitted Electronically (If no, Submit Copy)			25 <u>[v</u>] 140		STAR	K SH		4036	-1	616
List All E. Logs Run:				CHER	OKEE SH		4269	-1	849	
MICROLOG, DUAL INDUCTION, NEUTRON DENSITY					MISS	UNCONFORM	l	4380	-1	960
			CASING	RECORD	-lNe	w / Used				
		Repo	ort all strings set-c	onductor, si	urface, inte	rmediate, producti	on, etc.		_,	
Purpose of String	Size Hole Drilled		te Casing t (In O.D.)	Wei		Setting Depth	Type of Cement	# Sacks Used		and Percent Additives
SURFACE	12.25"	8.625"		24#		221'	COMMON	175	3%CC	/2%GEL
PRODUCTION	7.875"	4.5"		10.5#	 -	4500'	ASC CLASS H	150	5# KOLSE	AL, 25# FLOSEAL
				<u> </u>			<u> </u>	<u></u>	.5% FL	_160
			ADDITIONAL	CEMENTI	NG / SQL	JEEZE RECORD				
Purpose: —— Perforate	Depth Top Bottom	Туре	of Cement	# Sacks	s Used	Type and Percent Additives				
Protect Casing Plug Back TD Plug Off Zone	4382-88	DOC SI	LURRY	RY 10 BBLS		12 BBLS LEASE CRUDE				
L									· · · · ·	
Shots Per Foot			RD - Bridge Plug Each Interval Per				cture, Shot, Cement		rd	Depth
4	4382-4388 (DOC	SQUEE	ZED)							ALL
2	4382-4388					ACID - 250 (GAL ACETIC			ALL
									RECE	IVED
									SFP 1	9 2011
TUBING RECORD:	Size: 2.375"	Set At: 4299		Packer A N/A	Mt:	Liner Run:	Yes ✓ No			/ICHITA
Date of First, Resumed 06/15/11	Production, SWD or EN	IHR.	Producing Meth	nod: Pumpir	10 [Gas Lift 🔲 C	Other (Explain)			
Estimated Production Per 24 Hours	Oil 4	Bbis.	Gas 0	Mcf	Wat	er B	bis. (Gas-Oil Ratio	•	Gravity 35
	ON OF GAS:			METHOD OF	_			PRODUCTI	ION INTER	VAL:
Vented Solo	Used on Lease		•	Perf.	(Submit		nmingled 4. mit ACO-4)	382-4388		
(ii verneu, Sti	noo-10.)	_ _ U '	Other (Specify)				-			

ALLIED CEMENTING CO., LLC.

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665		SERVI	CE POINT:	oul des
DATE 6-10-11 SEC. 31 TWP. RANGE 25W	ALLED OUT		JOB START 430pm	JOB FINISH 530pm
LEASE Harriet WELL# 31-10 LOCATION Tolmare as	Rorth to KRY	13 west	COUNTY Nes 5	STATE
OLD OR NEW (Circle one) Inarth 3/4 Ea	st north in	10		
CONTRACTOR Alliance Well service Inc. TYPE OF JOB Port Colla C	OWNER Roll	and Robert	es	
HOLE SIZE T.D.	CEMENT			
CASING SIZE 4 2 DEPTH 3389	AMOUNT ORD	ERED 340 5	100 SA G	0/40690
TUBING SIZE 23/8 DEPTH 33.89 DRILL PIPE DEPTH		used 3	605L	<u> </u>
TOOL Port Collar DEPTH 1695	-7.50 Sand			
PRES. MAX 1000 MINIMUM -	COMMON	210	@ <u>16.25</u>	3.412.5
MEAS. LINE SHOE JOINT	POZMIX		@ <u>8.5ර</u>	1190.00
CEMENT LEFT IN CSG. PERFS.		18	@ 21.25	382.50
DISPLACEMENT Greshwater C661	CHLORIDE		@	· - -
EQUIPMENT	\$10 Seq	1 87年	@ 2.70	234.90
		The Republic Section	@	
PUMPTRUCK CEMENTER Both Q / Os wells			@	
# 366 HELPER David W			@	RECEIVED
BULK TRUCK		· · · · · · · · · · · · · · · · · · ·	@	FD 4 0 000
# 421/257 DRIVER Oustin E		 	@	EP 1 9 2011
BULK TRUCK # DRIVER			@ <u>xc</u>	CMICHITA
TORIVER CONTROL OF THE CONTROL OF TH	HANDLING_3		@ 2.25	WATE SEL
DEMANAGE	MILEAGE 36	0 X 2 8 X 11	and the second	3.190.00
REMARKS:	. 9	the state of	TOTAL	9534.2
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Came up lurated tool - 057500# opened tool		SERVIC	E .	
Displace with 666/s of Broshwater Shut	DEPTH OF JOB	3389	·	
teel PSI 1000 can in 8 joints reversed out	PUMPTRUCK		1050	.00
with 30bbs went all the way to botton	EXTRA FOOTA		@	
even lated sand olegling. Pump 606hl 501+	MILEAGE 1		@ <u>7.00</u>	810.00
A CONTROL OF THE PROPERTY OF T	MANIFOLD		@ <u></u>	468.00
ing the control of th			@ <u>1,03</u>	700
CHARGE TO: Red land Resources		1.14	4 -	e The State
			TOTAL	2.337.00
STREET			,	
CITYSTATEZIPZIP	P	LUG & FLOAT	EQUIPMEN	it
	<u> </u>		@ @	
To Allied Comenting Co. LLC			@	1.0
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		÷ .	TOTAL	
contractor. I have read and understand the "GENERAL	OAT FORMAT (10			
TERMS AND CONDITIONS" listed on the reverse side.	SALES TAX (If	A CONTRACTOR OF THE PARTY OF TH		 .
	TOTAL CHARC	ES C		
PRINTED NAME & David Hickman	DISCOUNT 4	CHOOL TO	IF PAI	D IN 30 DAYS
- · · · · · · · · · · · · · · · · · · ·		Services	3	_ 1.JU DAIL
SIGNATURE About Hoch			100 mg	
Whint you k		** ***	•	

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 an 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:

- I. 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) Qil 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 shalf-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.

REMIT TO	RUSSE	ELL, KAN	NSAS 6760	55	,		SER	VICE POINT: <i>&A</i> 1	KLEY
3-30 DATE	11	SEC 3/	TWP.	RANGE 25 W		CALLED OUT	ON LOCATION	JOB START	JOB FINISH
HARR 12	7	WELL#	31-10	LOCATION J	5/1	nors 11ml-	132-12	COUNTY	STATE
OLD OR (N	EW)(Cire			3/4/=-		INTO	, <u>, , , , , , , , , , , , , , , , , , </u>	7	1 705
								J	
CONTRAC		DUK		19 Rag # 9)	<u>OWNER</u>	SAME		•
TYPE OF JO				STRENG		_			•
HOLE SIZE		7/8	T.D			CEMENT	DEDED A.		- 40 0-1
CASING SIZE		7.2	DEI	тн <i>4500.</i> ти	/4	_ AMOUNT OR /50 5/3 C	DERED 503	KS 60/40/ Z S Ko H	162 48 981
DRILL PIPE				TH		1/207/90	F1-160 V	4 27/0-5	
		COLLAR		TH 1656		10% SAH			
PRES. MAX	(e		MIN	NIMUM		COMMON	30 3KS	_ @ <u>/6 25</u>	487 30
MEAS. LIN			SHO	DE JOINT 2/	125	POZMIX	20 5KS	_@ _8 50	17c 20
CEMENT L	EFT IN	CSG.	Z/i	25'		_ GEL	<u> 2 545 </u>	_@ <u>2/ 25</u>	42.5
PERFS.	MENT		71//1	201-	•	_ CHLORIDE	11/ 1/2000	-@ 	210250
DISPLACE	MENI			3815		_ ASC <u>elass /</u>	150 55		31875
	:	EQU	IPMENT	- 10 to 10 t		Kol-52A	/ 750=	_@ <u># 188</u>	667 2%
PUMP TRU	CK C	EMENT	ER	XRY		P/-//-	7/#	-@ <u>-// 60</u>	117060
# 422		IELPER	DARI	real DAN	<u>/{w</u>			@ <u></u>	11/0 dia
BULK TRU		ini.	0.0	mend	. :	Plo-SEA	38-2	@ 2 39	102 60
# 42/ BULK TRU		RIVER	<i>KH</i> 7	MBNCY		_			. 1
#		RIVER						@	
T	- 100 L	KIVER				- HANDLING_	226 SKS	_@ <u></u>	508 Sac
•			المدول بدارات			MIRECENE	14 KIER SKI	MELE	67/
	lan yar	* * * * * * * * * * * * * * * * * * * *	MARKS:	1000	• ;	OFD 4.0 0	nii -	TOTAL	7015
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CHARGET	$\rho_{\rm s}$	Marel	Recause	ESITNE	21				
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CITY		ST	ATE	ZIP		4%	PLUG & FLOA	T EQUIPMEN	nt 1 5 5,5
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		•					LOWAS PLUY AS		227 %
1						6- TURBO	beechs	@ 58 🗲	348
To Allied C	Cementi	ng Co., I	LLC.			1- BASK	,	@	210 20
		_		nenting equipr	nent	1- FORT	Co//AR	@	16492
	_	-		o assist owner				@	<u> </u>
and the second second				ne above work			Printer and the second		2 20
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TERMS A	ND CO	NDITIO	NS" listed	on the revers	e side	. SALES TAX (н Aпу)		
		Λ.				· · TOTAL CHAI	RGES		
PRINTED N	IAME_	DAVI	O HIC	KMAN		_ DISCOUNT _		IF PA	ID IN 30 DAYS
		0	1 -6						
SIGNATUR	E	ant	Hot	- The same of the		_			

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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.
- 1. AELIED 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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- (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.

REMIT TO P.O. BOX 31 SERVICE POINT: **RUSSELL, KANSAS 67665** Great Ben JOB START -RANGE CALLED OUT ON LOCATION SEC JOB FINISH DATE: 3-25-11 1215 am 70 COUNTY Ness LOCATION RESSCORS South to Rd X 13 West I north 3/4 East North Into LEASE Harrist WELL# 31-10 OLD OR NEW (Circle one) OWNER Redland Resources Enc CONTRACTOR DUKE 6/2 TYPE OF JOB T.D. 225 **CEMENT** HOLE SIZE AMOUNT ORDERED 17654 Com 3% cc 2900/ CASING SIZE 85/8 DEPTH 22 TUBING SIZE **DEPTH** DRILL PIPE DEPTH TOOL DEPTH COMMON_1755L @ 13.50 2.362. PRES. MAX MINIMUM -**MEAS. LINE SHOE JOINT POZMIX** CEMENT LEFT IN CSG. @ 20.25 PERFS. CHLORIDE @ <u>51.50</u> <u>309.00</u> 65d DISPLACEMENT **EQUIPMENT** RECEIVED @ CEMENTER Bob Blake **PUMP TRUCK** <u># 366</u> HELPER GEER R **BULK TRUCK EXECUTE** DRIVER LEUSA W. 341 **BULK TRUCK** DRIVER HANDLING 184 MILEAGE / * * 36 x . 10 Prope on botton break executation with reg **SERVICE** ohnt dam hook up to cement line Ru Specie Miso +753d Class A 3%cc/z logel Offsplace 13 bbls Greshwahr ohnterenat DEPTH OF JOB 22 PUMP TRUCK CHARGE Coment Did Crawlate EXTRA FOOTAGE _____ @ 7.00 MILEAGE 26 MANIFOLD ____ CHARGE TO: Red and Resources Fine TOTAL //73.00 **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 SALES TAX (If Any) TERMS AND CONDITIONS" listed on the reverse side. TOTAL CHARGES

DISCOUNT 4

IF PAID IN 30 DAYS

PRINTED NAME & Chase Thomas

SIGNATURE

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 funtil 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) Daviage 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.



10244 NE Hwy. 61 P.O. Box 8613 Pratt, Kansas 67124

FIELD SERVICE TICKET

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ITEM/PRICE REF. NO. MATERIAL, EQUIPMENT AND SERVICES USED UNIT QUANTITY **UNIT PRICE** S AMOUNT-600 00 400,00 7.00 AH. 49.00 RECEIVED 138 SEP 1 9 2011 KCC WICHITA

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Agreement of Terms and Conditions

All sales of services, products, or materials by Basic Energy Services LP, (hereinafter called BES) to any Customer, unless otherwise set out in writing, are subject to the terms and conditions set out herein.

Terms:

All Service Charges and materials included in service price list are NET. Unless satisfactory credit has been established, cash payment will be required in advance. Credit Customer agrees to pay BES in its office in Cisco, Texas, for all services and materials on or before the 20th of the following month after the date of the invoice. Customers involce is considered in default if payment has not been received by the last day of the month following the month in which the invoice is dated and services delivered. Past due accounts will be subject to a charge for interest at the highest rate allowable by law, and if placed in the hands of an attorney for collection, Customer agrees to pay all collection costs, reasonable attorney fees and court costs.

Taxes

All prices are exclusive of any Federal, State or Special Taxes imposed on the sale or use of the merchandise and services listed, which taxes will be added to quoted prices where applicable. If payment of any applicable royalty or license fee is required in connection with any service performed by BES for Customer, such royalty or license fee will be billed to the Customer in addition to the price of the services performed.

Special Pricing Provisions:

All materials listed in the price schedule are F.O.B. our field stock.

All prices are subject to change without notice.

The prices in this price list apply to normal operations. Special jobs under unusual circumstances on jobs requiring unusual mobilization of equipment and/or personnel, such as blowouts, experimental jobs, etc., are to be subject to special price quotations.

Orders for products of special design, size or materials are not subject to cancellation after processing of such order has begun by BES. Equipment attered, made to Customer's specifications, or requiring special handing, is subject to special prices.

If materials or services are ordered and the Customer cancels same after the materials have been prepared, a charge will be made to the Customer for expenses incurred.

Customer states that the well and all support personnel and services not being supplied by BES are ready and in condition to receive the materials and services being supplied by BES. Customer will be subject to a charge for "stand-by" time incurred by BES. For all BES services, stand-by time is all time our equipment is on location prior to commencement of operations or after completion of operations and is not operating for reasons not within the control of BES. Stand-by time is calculated from time of arrival on location or arrival time as scheduled by Customer, whichever is later; and until equipment is released by Customer.

Towing Charges:

We will make reasonable attempts to get to and from the well under our own power. Should we be unable to do so because of poor or inadequate road conditions, and it becomes necessary to employ a tractor or other pulling equipment, such equipment will be supplied by the customer, or if furnished by us, the cost will be charged to the customer. In either event, Customer assumes liability for any damages arising from such pulling or arising from inadequate access to the well site.

Product Return:

Any BES Products that have been in the hands of the Customer, if not special or obsolete, will be accepted for credit, subject to our approval and inspection, if they are new unused and in salable condition. The Customer will pay the return freight, and will receive credit at the original purchase price less the original outbound freight. Any material classified or ordered as special is not subject to return or cancellation privileges.

Service Warranty:

There are obviously many conditions in and about the well which we can have no knowledge and over which we can have no control." Therefore, we do not guarantee any particular results from services to be performed hereunder. In interpreting information and making recommendations, either written or oral, as to type or amount of material or service to be furnished, or manner of performance, or in predicting results to be obtained therefrom, BES will give Customer the benefit of its best judgment based on its experience in the field. However, due to the Customer's control of the well the impracticality of providing BES with all the data concerning same, and the necessary reliance of BES upon supporting services, data and facts supplied by others, BES does not guarantee or warrant the accuracy or correctness of any facts, information or data furnished by BES or any interpretation of tests, meter readings, chart information, analysis of research or recommendations made by BES, unless caused by the willful misconduct or gross negligence of BES in the preparation of furnishing of such facts, information or data and NO WARRANTY IS GIVEN CON-CERNING THE RECOMMENDATIONS MADE OR SERVICES RENDERED BY THE COMPANY AND NO WARRANTY IS MADE CONCERNING THE RESULTS SOUGHT TO BE OBTAINED THROUGH USE OF MATERIALS RECOMMENDED BY THE COMPANY. The Company's liability for injury to all persons or damage to any property or property rights, including but not limited to reservoir damage sub-surface trespass or drainage, etc., occasioned by reason of materials sold or rented or services performed hereunder shall be limited to those occurring due to the acts of willful misconduct or gross negligence of BES, and Customer agrees to be responsible for and indemnify BES against any loss or damage it may sustain by reason of materials sold or rented or services performed hereunder, unless such loss or damage is caused by the willful misconduct or gross negligence of BES.

Product Warranty:

BES warrants all materials, products and supplies manufactured or furnished by it to be free from defects in material and workmanship, under normal use and service, when installed, used and serviced in the manner provided and intended, and that it can convey good title there-THÈRE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OR MERCHANTABILITY, FITNESS OR OTH-ERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. BES's liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale of use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on the return to BES or at BES's option, to the allowance to the customer of credit for the cost of such items. In no event shall BES be liable for special, incidental, indirect, punitive or consequential damages.

Service Conditions:

Because there are so many uncertain and unknown conditions not subject to our control, we can neither be liable for injuries to property or persons not for loss or damage arising from the performance of our services or resulting therefrom.

BES shall not be liable or responsible for a Customer shall defend, indemnify, and save BES harmless, and its officers, agents or employees, from and against any and all claims or causes of action for damage to Customer's property and of the well owner, or any third person, and for bodily injury, sickness or disease, including death resulting thereof, brought by or on behalf of Customer, the well owner, or any third person, arising out of or in connection with BES's performance of services or the furnishing of materials, products and supplies, unless caused by the willful misconduct or gross negligence of BES.

Customer shall also be responsible for and shall defend, indemnify and save BES harmless, and its officers, agents or employees, from and against any and all claims, causes of action and liabilities for damages occur-

ring as a result of sub-surface trespass arising out of any oil well operations or services performed by BES, this provision applying to any claims or legal actions or royal-ty owners, working 'interest' holders, "overriding royalty: interest holders, or any other person or concern:

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Should any of our equipment, tools-or instruments become lost in the well when performing or attempting to perform our services hereunder, it is understood that the Customer shall make reasonable effort to recover the lost equipment. The Customer shall assume the entire responsibility for such fishing operations in the recovery or attempted recovery of any such lost equipment, tools or instruments and if such equipment, tools or instruments are not recovered, Customer shall pay BES its reptacement cost unless such loss is due to the sole negligence of BES. If BES's equipment, tools or instruments are damaged in the well, Customer shall pay BES the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of BES.

Work done by BES shall be under the direction, supervision and control of the owner, operator, or his agent and BES will perform the work as an independent contractor and not as an employee or agent of the owner or operator.

The Customer shall at all times have complete care; custody and control of the well, the drilling and productions equipment at the well and the premises about the well.

Any delays or failure by BES in the performance of this contract shall be excused if and to the extent caused by war, fire, flood, strike, labor trouble, accident riot, acts of God, or any contingencies beyond the reasonable control of BES. Disposal of the chemicals used in the performance of this contract is the responsibility of Customer. Customer agrees the chemicals will be disposed of in accordance with all applicable Federal, State and local laws and regulations.

General Provisions:

Wherever the initials BES appear in this document, they are intended solely to be an abbreviation of Basic Energy Services LP, and are used in substitution of such full name as if the full name were set out in each instance.

Any modifications of this document by the Customer, and all additional or different terms included in the Customer's purchase order or any other document responding to this document, are hereby objected to BY REQUESTING ANY OF THE GOODS AND SERVICES SET FORTH HEREIN BUYER AGREES TO ALL THE TERMS AND CONDITIONS CONTAINED IN THIS DOCUMENT.

BES reserves the right to change or modify the design of any BES product without obligation to furnish or install such changes or modification on products previously or subsequently sold.

Information regarding our services rendered in Customer's well is held in strict confidence and will be released to others only upon written approval by owner, or when required by Federal, State or Local Laws, Regulations, Orders or Ordinances, or for use as evidence in court proceedings involving the subject matter of services rendered.

Fallure to enforce any or all of the herein specified terms or conditions in any particular instance shall not constitute a continuing waiver, or preclude subsequent enforcement thereof.

No employee, representative or agent other than an officer of BES is empowered, to alter any of the herein specified terms and conditions.

These terms and condition shall be governed by the laws of the State of Texas, and in case of any one or more of the provisions contained herein shall for any reason be held to be invalid, illegal or unenforceable in any respect, such shall not affect any other provision hereof and this Agreement shall be construed as if such invalid, illegal, or unenforceable provision had never been contained herein.



TREATMENT REPORT

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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: mgpexpl@gol.com

GEOLOGICAL REPORT HARRIET 31-10 NW SE SECTION 31 – T20S – R25W NESS COUNTY, KANSAS

SUMMARY

The above captioned well was drilled to a total depth of 4,498 feet on March 30, 2011. A one-man logging unit was on location from approximately 2,900 feet to TD, with one-man mud-logging beginning at 3,600 feet to TD. The well was under the geological supervision of the undersigned during logging of the well. At TD, Weatherford electric logs were run that consisted of Dual Induction, Compensated Neutron-Density and Micro-Resistivity. From the data collected while drilling and analyzing, potential hydrocarbon shows were encountered in the Cherokee Sandstone and the Mississippian Dolomite. The decision was made to set production casing and complete the well in the Mississippian zones. It should be noted that at some point, the Cherokee Sandstone will be perforated.

CHEROKEE SAND

The Cherokee Sandstone was encountered at 4,374 (-1,954) feet. Samples were described as off-white, white, clear, medium grained, consolidated sand, glauconitic, slightly, argillaceous. A dull yellow fluorescence was observed, as well as saturated oil stain and a slow streaming cut. There was a three foot drilling break. The electric logs indicated a three foot porosity zone of clean sand with an average cross-plotting porosity of 15%, with crossover occurring with the density and neutron.

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SEP 1 9 2011
KCC WICHITA

MISSISSIPPIAN DOLOMITE

The top of the Mississippian Dolomite was cut at 4,379 (-1,959) feet. There could potentially be three intervals of the Dolomite. A nine foot porosity zone with a neutron porosity of 27%, and the second porosity zone of five feet with 29% neutron porosity were observed. Samples were described as light brown, brown, very fine to fine crystalline. It was very sucrosic, slightly glauconitic in part. There was an abundance of off white, opaque, fresh chert. Excellent pin-point, vugular porosity, and very good intercrystalline porosity were observed. An abundant dull yellow fluorescence, an abundant light brown to brown live oil stain to saturated staining, a flash, and excellent streaming cut, and strong oil odor were recorded. The gas chromatograph registered gas kicks of 28 and 32 units in the zones included in a drill stem test to further evaluate the interval. It is also noted that after the DST#1, 485 units of trip gas was recorded.

DST #1 (4,381'-4,397') 30-60-60-120

Recovery: 482' gas in pipe; 365' gassy oil-25% gas 75% oil (38 gravity) 189' gas and oil cut mud-30% gas 5% oil 65% mud; and 63' oil specked mud

Flow Pressures: 39-208# 785-908#

Shut-in Pressures: 1038# 1103#

ELECTRIC LOG TOPS

	REDLAND HARRIET 31-10 C NW SE 31-T20S-R25W	BHP PETRO McVICKER 1 C NE SE 31-T20S-R25W	K&E PETRO SLAGLE 1 C SW NE 31-T29S-R25W
STONE CORRAL	1605	1594	1598
(Subsea)	(+815)	(+810)	(+807)
BS. HEEBNER	3718	3710	3710
(Subsea)	(-1298)	(-1306)	(-1305)
LANSING	3798	3788	3784
(Subsea)	(-1378)	(-1384)	(-1379)
STARK SH.	4036	4024	4025
(Subsea)	(-1616)	(-1620)	(-1620)
CHEROKEE SH.	4269	4260	4264
(Subsea)	(-1849)	(-1856)	(-1859)
MISS. UNCON.	4380	4370	4370
(Subsea)	(-1960)	(-1966)	(-1965)

CONCLUSION

The Harriet 31-10 was drilled as a southern extension development well for the potential of hydrocarbon pay in both the Cherokee Sand and Mississippian Dolomite. After all the data was gathered and analyzed it was determined that the Cherokee Sand and Mississippian Dolomite zones should be economically productive. A decision was made to set pipe and complete the Mississippian interval as well as the Cherokee Sand.

Respectfully submitted,

Chase Thomas Geo-Tech 03/31/11

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SEP 1 9 2011
KCC WICHITA



Prepared For: Redland Resources Inc

6001 NW 23rd St Oklahoma City Ok 73127

ATTN: David Hickman

31-20s-25w Ness,Ks

Harriet #31-10

Start Date: 2011.03.29 @ 08:24:00 End Date: 2011.03.29 @ 18:13:00 Job Ticket #: 42405 DST #: 1

RECEIVED
SEP 1 9 2011
KCC WICHITA

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



Redland Resources Inc.

Harriet #31-10

6001 NW 23rd St

Job Ticket: 42405

31-20s-25w Ness.Ks

DST#:1

ATTN: David Hickman

Oklahoma City Ok 73127

Test Start: 2011.03.29 @ 08:24:00

GENERAL INFORMATION:

Formation:

Mississippi

Deviated:

Whipstock: No

ft (KB)

Test Type: Conventional Bottom Hole

Time Tool Opened: 10:34:00 Time Test Ended: 18:13:00

Tester: Jack Fox 38

Unit No:

Interval:

4381.00 ft (KB) To 4397.00 ft (KB) (TVD)

Reference Elevations:

2420.00 ft (KB)

Total Depth:

4397.00 ft (KB) (TVD)

2408.00 ft (CF)

Hole Diameter:

7.85 inches Hole Condition: Fair

KB to GR/CF:

12.00 ft

Serial #: 8354 Press@RunDepth: Inside

953.72 psig @

4382.00 ft (KB)

Capacity:

8000.00 psig

Start Date:

2011.03.29

End Date:

2011.03.29

Last Calib.: Time On Btm: 2011.03.29

Start Time:

08:24:00

End Time:

18:13:00

Timo

2011.03.29 @ 10:33:30

Time Off Btm:

2011.03.29 @ 15:04:30

TEST COMMENT: IF Weak blow @ surface building to BOB in 5 mn 20 sec

ISI No Blow

FF Weak blow @ surface building to 21 mn 30 sec

FSI No blow

						Pressu	re vs. Time	•			
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PI	RESSUR	E SUMMARY
Pressure	Temp	Annotation
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rime	Pressure	1emp	Annotation
(Min.)	(psig)	(deg F)	
0	2193.32	110.76	Initial Hydro-static
1	39.11	111.21	Open To Flow (1)
31	208.48	124.16	Shut-In(1)
90	1038.72	123.79	End Shut-In(1)
92	785.77	123.63	Open To Flow (2)
149	953.72	123.72	Shut-In(2)
270	1103.22	123.18	End Shut-In(2)
271	2151.78	122.80	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
63.00	OSM	0.31
189.00	GOCM 30%G 5%O 65%M	1.60
365.00	GO 25%G 75%O	5.12
0.00	482' GIP	0.00

Gas Rates

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

Trilobite Testing, Inc.

Ref. No: 42405

Printed: 2011.04.07 @ 09:26:03 Page 2



TOOL DIAGRAM

Redland Resources Inc.

Harriet #31-10

31-20s-25w Ness, Ks

6001 NW 23rd St

Job Ticket: 42405

DST#:1

Oklahoma City Ok 73127 ATTN: David Hickman

Test Start: 2011.03.29 @ 08:24:00

Tool Information

Drill Collar:

Drill Pipe: Heavy Wt. Pipe: Length:

Length: 4192.00 ft Diameter: Length:

0.00 ft Diameter: 178.00 ft Diameter:

3.80 inches Volume: 58.80 bbl 0.00 inches Volume: 0.00 bb1 2.25 inches Volume: 0.88 bb1

59.68 bbl

Total Volume:

Tool Weight:

2000.00 lb Weight set on Packer: 25000.00 lb

Tool Chased

Weight to Pull Loose: 75000.00 lb 65000.00 ft

String Weight: Initial 65000.00 lb

Final 68000.00 lb

Drill Pipe Above KB: Depth to Top Packer:

11.00 ft 4381.00 ft

Depth to Bottom Packer: Interval between Packers:

16.00 ft 38.00 ft

ft

Diameter:

Tool Length: Number of Packers: 2

7.85 inches

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut in Tool	5.00	•		4364.00		110
Hydraulic tool	5.00			4369.00		
Safety Joint	3.00			4372.00		
Packer	5.00			4377.00	22.00	Bottom Of Top Packer
Packer	4.00	-	.	4381.00		
Stubb	1.00			4382.00		
Recorder	0.00	8354	Inside	4382.00		
Recorder	0.00	8520	Outside	4382.00		
Perforations	12.00			4394.00		
Bullnose	3.00			4397.00	16.00	Bottom Packers & Anchor
Total Tod	ol Length: 38.00	1				

RECEIVED SEP 1 9 2011 KCC WICHITA



FLUID SUMMARY

Redland Resources Inc.

Harriet #31-10

6001 NW 23rd St Oklahoma City Ok 73127 31-20s-25w Ness, Ks

Job Ticket: 42405

DST#:1

ATTN: David Hickman

Test Start: 2011.03.29 @ 08:24:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil APt

38 deg API

Mud Weight:

9.00 lb/gal

ft

Viscosity:

50.00 sec/qt

Cushion Length: **Cushion Volume:** Water Salinity:

Water Loss:

7.96 in³

Gas Cushion Type:

bbl

3700 ppm

Resistivity:

ohm.m

Gas Cushion Pressure:

psig

Salinity: Filter Cake: ppm inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
63.00	OSM	0.310
189.00	GOCM 30%G 5%O 65%M	1.604
365.00	GO 25%G 75%O	5.120
0.00	482' GIP	0.000

Total Length:

617.00 ft

Total Volume:

7.034 bbl

Num Fluid Samples: 0

Num Gas Bombs:

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: tool plugging during final flow

