# CONFIDENTIAL

REDLAND RESOURCES, INC

\_\_\_\_\_73127 \_\_Zip:\_\_73127

NOV 2 4 201

CONFIDENT

OPERATOR: License # \_\_32204

CONTRACTOR: License # \_5929

Name: DUKE DRILLING CO., INC. Wellsite Geologist: MIKE POLLOK

Purchaser: HIGH SIERRA CRUDE MARKETING

Address 1: 6001 NW 23RD STREET

City: OKLAHOMA CITY State: OK Contact Person: ALAN THROWER Phone: (405) 789-7104

Name:\_

Address 2: \_

Kansas Corporation Commission
Oil & Gas Conservation Division

# ORIGINAL June 2009 June 2009 Must Be Typed

Form must be Signed All blanks must be Filled

# WELL COMPLETION FORM

**WELL HISTORY - DESCRIPTION OF WELL & LEASE** 

-	API No. 15
	Spot Description: 195' N & 20' EAST OF
	<u>NW_NE_NE</u> _Sec. 31 Twp. 23 S. R. 24 ☐ East West
	Feet from 🗹 North / 🗌 South Line of Section
	970 Feet from 🗹 East / 🗌 West Line of Section
	Footages Calculated from Nearest Outside Section Corner:
0	☑NE □NW □SE □SW
_	County: HODGEMAN
M	Lease Name: BAILEY Well #: 31-1
	Field Name: WILDCAT
	Producing Formation: MISSISSIPPIAN
	Elevation: Ground: 2419' Kelly Bushing: 2432'
	Total Depth: 4950' Plug Back Total Depth: 4925'
	Amount of Surface Pipe Set and Cemented at: 839.60 Feet
	Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
	If yes, show depth set: Feet
	If Alternate II completion, cement circulated from:
	feet depth to:w/sx cmt.
	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
	Chloride content: 2400 ppm Fluid volume:bbls
	Dewatering method used: EVAPORATION
	Location of fluid disposal if hauled offsite:
İ	Operator Name:
	Lease Name: License #:
	Quarter Sec. Twp. S. R. East West
	County: Permit #:
L h t	he Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita,
COI	nversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information
	uested in writing and submitted with the form (see rule 82-3-107 for confiden- I report shall be attached with this form. ALL CEMENTING TICKETS MUST
	n with all temporarily abandoned wells.
	KCC Office Use ONLY
	with Letter of Confidentiality Received RECEIVED
lg€	Date: 1124 10 - 1124 12
	Confidential Release Date: NUV 2
	Geologist Report Received
	UICOIstribution
	ALT 1 1 1 Approved by: /// Date:

Designate Type of Completion:	Elevation
✓ New Well Re-Entry Workover	Total Dep
☑ oil □ wsw □ swd □ slow	Amount o
☐ Gas ☐ D&A ☐ ENHR ☐ SIGW	Multiple 9
☐ OG ☐ GSW ☐ Temp. Abd.	If yes, sh
CM (Coal Bed Methane)	If Alterna
Cathodic Other (Core, Expl., etc.):	feet depti
If Workover/Re-entry: Old Weil Info as follows:	, , , , , , , , , , , , , , , , , , ,
Operator:	Drilling !
Well Name:	(Data mus
Original Comp. Date: Original Total Depth:	Chloride
☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD	Dewateri
Conv. to GSW	Dewatern
Plug Back: Plug Back Total Depth	Location
Commingled Permit #:	Operator
Dual Completion Permit #:	Lease Na
SWD Permit #:	Quarter_
☐ ENHR         Permit #:           ☐ GSW         Permit #:	County:_
07/30/10 08/05/10 08/20/10	
Spud Date or Date Reached TD Completion Date or	
Recompletion Date Recompletion Date	
INSTRUCTIONS: An original and two copies of this form shall be filed with Kansas 67202, within 120 days of the spud date, recompletion, workover or copy of side two of this form will be held confidential for a period of 12 months if required tiality in excess of 12 months). One copy of all wireline logs and geologist we BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 for	onversion of a juested in wri ell report shal
AFFIDAVIT	
I am the affiant and I hereby certify that all requirements of the statutes, rules and relations 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 knowledges Signature:	with
Title: PRESIDENT Date: 11/24/10	
	L

Side Two

KCC

Operator Name: RE	DLAND RESOUF	RCES, IN	IC	Lease N	Name: _	BAILEY		.Well#: 31	<u> -1   N.</u>	<u> JV 7 4 ZUI</u> L
Sec31Twp.23	s. r. <u>24</u>	☐ East	✓ West			GEMAN			CO	IN IDENTI
time tool open and clo recovery, and flow rat	now important tops an osed, flowing and shu es if gas to surface te Attach final geological	t-in pressu st, along v	res, whether si vith final chart(s	hut-in press	sure read	ched static level,	hydrostatic press	sures, bottom	hole temp	erature, fluid
Drill Stem Tests Taker		<b>√</b> Y€	es No		<b>V</b> L	og Formatio	n (Top), Depth an	d Datum		Sample
(Attach Additional) Samples Sent to Geo	,	<b>[</b> ∕] <b>Y</b> €	es 🗆 No		Nam			Тор		Datum
Cores Taken	logical Survey	□ Ye			CHAS	_		2460 3941		)023  504
Electric Log Run		✓ Y€	s 🗌 No		STAR	EBNER KSH		4304		1867
Electric Log Submitte (If no, Submit Copy	•	<u></u> Y€	es 🗸 No			OKEE SH		4544		2107
	<b>'</b>					SSIPPIAN		4654		2217
List All E, Logs Run: DUAL INDUCT MICROLOG, S	ION, NEUTRON	N DENS	ITY,							
MICROLOG, 3	ONIC LOG		CACING	DECORD		🗆				
		Repo		RECORD conductor, su	√ Ne urface, into	ewUsed ermediate, product	ion, etc.			
Purpose of String	Size Hole Drilled		e Casing (In O.D.)	Weig Lbs.		Setting Depth	Type of Cement	# Sacks Used		and Percent Additives
CONDUCTOR	30"	20"		50#		41'	GROUT	4.5 YDS		
SURFACE	12.25"	8.625"		24#		839	65/35 & Class A	250/150	6% ge	I, 3% CC
PRODUCTION	7.875"	4.5"		10.5#		4946'	ASC CLASS H	225	5# Kolseal, .	25# Floseal, .5% FL160
			ADDITIONAL	CEMENTI	NG / SQL	JEEZE RECORD				
Purpose:  Perforate Protect Casing Plug Back TD	Depth Top Bottom	Туре	of Cement	# Sacks	Used		Type and I	Percent Additive	98	
Plug Off Zone		1								
Shots Per Foot			RD - Bridge Plug Each Interval Per				icture, Shot, Cemen mount and Kind of Ma		ord	Depth
4	4670-4676'									same
						•				
									R	ECEIVED
TUBING RECORD:	Size: 2.375"	Set At: 4626'		Packer A	t:	Liner Run:	Yes 🗸 No		NC	V 2 9 201
Date of First, Resumed 08/27/10	Production, SWD or EN	IHR.	Producing Metl	hod: Pumpir	ng	Gas Lift (	Other (Explain)		KC	C WICHIT
Estimated Production Per 24 Hours	Oil : 90	Bbls.	Gas O	Mcf	Wat	er E	3bls.	Gas-Oil Ratio		Gravity 32
DISPOSIT	ION OF GAS:			METHOD OF	COMPL	ETION:		PRODUCT	ION INTER	RVAL:
Vented Sol	d		Open Hole	Perf.	U Duall		mmingled 4	670-4676'		

# ALLIED CEMENTING CO., LLC. 038964

STATE OF THE STATE	warkCom -			
REMIT TO P.O. BOX 31	NOV 2 4 2010	SERV	/ICE POINT:	
RUSSELL, KANSAS 67665	NOV 2	<b>\</b> {	Ontle	1kg
	CONFIDENTIA	AL COUNTY	Tion and her	Trop en usu
G-6-10 SEC. TWP. RANGE DATE 21 235 24 W	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
		· ·	COUNTY	SŢATE
LEASE WELL# 31-1 LOCATION Jed	more Ss-	۲5 س	Hods omar	
OLD OF NEW (Circle one)	~ 5 - °			
<b>N</b>			_	
CONTRACTOR DOCE	OWNER		· · · · · · · · · · · · · · · · · · ·	
TYPE OF JOB Production	CV 2012 - 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2			
HOLE SIZE 7718 T.D. 4950	CEMENT		1. 2 /.	va 1
CASING SIZE 412 10.5 DEPTH 4946 -	AMOUNT ORE	DERED <u>50 s</u>	ry belyc	1 togeth
TUBING SIZE DEPTH	(BH·WH)	2255+5"	H ASC	<u>مر د.</u>
DRILL PIPE DEPTH	Kol-spal	101- 110	5-4-11	
TOOL DEPTH PRES. MAX MINIMUM \5	COMMON	30	@15 <sup>45</sup>	413 50
		30		11000
MEAS. LINE SHOE JOINT > \ CEMENT LEFT IN CSG.	POZMIX	<u> </u>	-//	160 6
PERFS.	GEL CHLORIDE		_ © <u>*-</u> -	71-
DISPLACEMENT 78.3	ASC L	· 225	-@ <u>-\'P</u>	- <del>USUS 5</del>
	ASC_VV	<u>~~~~</u>	_@_ <del>\</del>	
EQUIPMENT	1201-5-4	1 1125#	= @ <del>, &amp; 9</del>	1001
	10010344	, ,,,,,		1001
PUMPTRUCK CEMENTER + 274	FL-160	106*		1409 8
# 431 HELPER 12-(14	1 4 100	(	_	1404
BULK TRUCK '	Slo-scal	56₩	- @ <del>7 5 9</del>	14000
# 363 DRIVER DASON (ML)	<u> </u>		_ <b>©</b> _	
BULK TRUCK			@	
# DRIVER	HANDLING	315	@ 2 40	756
	MILEAGE	10+5K4m"		1417 3
REMARKS:	MEE/10E			,
			IOIAL	10137
mir 20945 MH - 30945 PH	1		-	
Mix 225 SPS'H' ASC 5+ Kolsen		SERVI	CE	_
112 90 FL-160, MUNCHSONI, WASK			५५५	, 17
pump+tines. Dropplus + displan	C CDEPTH OF JOH			
100 totaloun, 900 tict				2182
Plus down @ 1:30 mm	EXTRA FOOTA		-@ <del></del>	
Thanks Fuzzkycory			_@ <u>¬ •                                   </u>	3(5)
(March ) Robert (March )	MANIFOLD		@	
			_ @ 	<del></del>
D 1. 1 D				
CHARGE TO: Red I mads Resources				<b>a</b>
STREET			TOTAL	2500
CITYSTATEZIP	Ð	LUG & FLOA	r eathbmen	Jnr
				Ø
	ILAT	10 × 10 ×	shor no	, 206
111	56-70r	801,20R5	@ <u>5</u> 9	<u> 7334</u>
4 2	-) 1. ladah	down Ass	<b>≠</b> @	1445
To Allied Cementing Co., LLC.	/		_ @	
You are hereby requested to rent cementing equipment	<u> </u>	<del> </del>	_ @	
and furnish cementer and helper(s) to assist owner or			_ @	<u> </u>
contractor to do work as is listed. The above work was				) ده س
done to satisfaction and supervision of owner agent or			TOTAL	_584 <sup>25</sup>
contractor. I have read and understand the "GENERAL				
	SALES TAX (II	f Any)		
TERMS AND CONDITIONS" listed on the reverse side.	•	• .		
N	TOTAL CHAR	GES.		
PRINTED NAME <u>DAVID HICKMAN</u>	DISCOUNT	AT THE REAL PROPERTY.	1E DAT	D IN 30 DAYS
The state of the s				D HT JU DAIC
()_ /7/ /			RECEIVED	
SIGNATURE Maria Sudan		I	NOV 2 9 2010	
		1	404 € 4 YOU	

KCC WICHITA

# 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. 036747

· · · · · · · · · · · · · · · · · · ·	J. K. SE TOUTE BOX.		_
REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665	KCC SE NOV 2 4 2010	RVICE POINT:  MEDICINE	() <u>APGE</u>
DATE 7-31-10 SEC. TWP. RANGE 24W	CALLED OU <b>CONFIDENTIAL</b>	11.7	SA
LEASE BATTLEY WELL # 31-1 LOCATION JETMO	RE, 5 SOUTH TO KO.	COUNTY STATE	NSAS
OLD OR NEW (Circle one)	I NORTH 12 WEST	_	
		<i>//</i>	
CONTRACTOR DUKE#9	OWNER KEOLAND	KESBURCES	
TYPE OF JOB SURFACE CASING			
HOLE SIZE 1294" T.D. 1840	CEMENT		
CASING SIZE 85/80 DEPTH 839'	AMOUNT ORDERED	1 +20 11 1.4/18	t 7/2
TUBING SIZE DEPTH	250 SACKS 65: 35		17/2
DRILL PIPE DEPTH	150 SACKS CLASS	H+2/060+2/	62
TOOL DEPTH PRES. MAX 500# MINIMUM 41.15	COMMON A 150	ab 4 2	マノフ <sup>ラ</sup>
MEAS. LINE SHOE JOINT	POZMIX	@ <i>Z</i>	
CEMENT LEFT IN CSG.	GEL 3	- <del>2080</del> - 62	740
PERFS.	CHLORIDE 14	@ 58 = 81	4
DISPLACEMENT 5/ BBIS. WATER	ASC	. @	
EQUIPMENT 4	FLO-SEAL TO 6	3 @2.50 15	
	ALW 250	@14 <b>8</b> 37	$\infty$
PUMPTRUCK CEMENTER KEUW	SUBAL 40#	<u>@ /.27 50</u>	
PUMPTRUCK CEMENTER REDEN		@	
BULK TRUCK		@	<del></del>
# DRIVER DARIN		@	
BULK TRUCK		@	
# DRIVER	HANDLING 460	- @ - 40 az	0 =
	MILEAGE 400/ 45		20
DEMARKS.			
REMARKS:			63
REMARKS: RON 85/8 CASING + BREAK GRIDIAN	ZON	TOTAL <b>98</b>	
REMARKS:  RUN 85/8° CASTNG + BREAK GRIDLAY  RULL 3 BBG. FRESH WATER  PLOV 250 5054 45:35:4+34 (1744)	ZON		
RUN 8518 CASING + BREAK GREVIATE PUMP 3 BBLG FRESH WATER MX 250 Speeds 65:35:6+34.00+14+1	zon ser	TOTAL <b>98</b>	
RUN 85/8° CASING + BREAK GRUUNT PUMP 3 BBLE FRESH WATER MEX 250 SACKS 65:35:6+37.00+1/477 NEX 150 SACKS CLASS A+37.00+27.60	SER DEPTH OF JOB	TOTAL <b>98</b> VICE  839	
RUN 8518' CASING + BREAK GREWLATE PUMP 3 BBLG. FRESH WATER MAY 250 SACKS 65:35:6+34.00+1447 MAY ISO SACKS CLASS A+34.00+144766 RELEASE PLUB - STRAT DESCRIPTIONE	zon ser	TOTAL <b>98</b> VICE  839	
RUN 8518' CASING + BREAK GREWLATE PUMP 3 BBLG. FRESH WATER MAY 250 SACKS 65:35:6+34.00+1447 MAY ISO SACKS CLASS A+34.00+144766 RELEASE PLUB - STRAT DESCRIPTIONE	SER  DEPTH OF JOB  PUMP TRUCK CHARGE  EXTRA FOOTAGE	TOTAL 98  VICE  839  991 =	
RUN 8518' CASING + BREAK GREWLATE PUMP 3 BBLG. FRESH WATER MAY 250 SACKS 65:35:6+34.00+1447 MAY ISO SACKS CLASS A+34.00+144766 RELEASE PLUB - STRAT DESCRIPTIONE	SER  DEPTH OF JOB  FUMP TRUCK CHARGE	TOTAL <b>98</b> VICE  839  99/  99/  @  3	
RUN 8518' CASING + BREAK GREWLATE PUMP 3 BBLG. FRESH WATER MAY 250 SACKS 65:35:6+34.00+1447 MAY ISO SACKS CLASS A+34.00+144766 RELEASE PLUB - STRAT DESCRIPTIONE	SER  DEPTH OF JOB  FUMP TRUCK CHARGE  EXTRA FOOTAGE  MILEAGE  MILEAGE  SER	TOTAL <b>98</b> VICE  839  99/  99/  @  3	
RUN 85/8" (ASTNG + BREAK GRUVATER PUMP 3 BBG. FRESH WATER PUX 250 SACKS 65:35:6+37.00+1475 PUX 150 SACKS 65:35:6+37.00+1475 REVERSE PLUB - STORT DESHAGENE DESHAGE PLUB TO 198' / SI.O BBG PENEN DED CERCULATE	SER  DEPTH OF JOB  FUMP TRUCK CHARGE  EXTRA FOOTAGE  MILEAGE  MILEAGE  SER	TOTAL <b>98</b> VICE  839  99/  @ 7 = 3	
RUN 85/8" (ASING + BREAK GRUVATER PUMP 3 BBG. FRESH WATER MEX 250 SACKS 65:35:6+37.00+1475 NEX 150 SACKS 65:35:6+37.00+1475 REVERSE PLUB - STORT DESHAGENE DESHAGE PLUB TO 198' / SI.O BBG PEMEN DED CERCULATE	SER  DEPTH OF JOB  FUMP TRUCK CHARGE  EXTRA FOOTAGE  MILEAGE  MANIFOLD	TOTAL <b>98</b> VICE  839  99/  @ 7 = 3  @	63 °
RUND 3 BBLG. FRESH WATER  PUMP 3 BBLG. FRESH WATER  PLY 250 SACKS 65:35:6+3% CC+14+7  PLY ISO SACKS CLASS A+3% (L+2% 66)  RELEASE PLUB - STORT DESHLOGENE  DESHLOCE PLUB TO 79B'   SI. O BBLG  CENEN DED CERCULATE  CHARGE TO: LEDLAND RESOURCES	SER  DEPTH OF JOB  FUMP TRUCK CHARGE  EXTRA FOOTAGE  MILEAGE  MANIFOLD	TOTAL <b>98</b> VICE  839  99/  @ 7 = 3	63 °
RUN 85/8° CASING + BREAK GRUUNT PUMP 3 BBG. FRESH WATER MEX 150 SOURS CLASS A+37.00+1476 RELEASE PLUB - STORT DESUDENCE DESUDER PLUB TO 798'   SI. D BBG. CEMEN DED CERCULATE  CHARGE TO: FOLAND ESOURCES  STREET	SER  DEPTH OF JOB  FUMP TRUCK CHARGE  EXTRA FOOTAGE  MILEAGE  MANIFOLD	TOTAL <b>98</b> VICE  839  99/  @ 7 = 3  @	63 °
RUND 3 BBLG. FRESH WATER  PUMP 3 BBLG. FRESH WATER  PLY 250 SACKS 65:35:6+3% CC+14+7  PLY ISO SACKS CLASS A+3% (L+2% 66)  RELEASE PLUB - STORT DESHLOGENE  DESHLOCE PLUB TO 79B'   SI. O BBLG  CENEN DED CERCULATE  CHARGE TO: LEDLAND RESOURCES	SER  DEPTH OF JOB  PUMP TRUCK CHARGE  EXTRA FOOTAGE  MILEAGE  MANIFOLD	TOTAL 28  VICE  839  99/  @ 7 = 3  @	63 °
RUN 85/8° CASING + BREAK GRUUNT PUMP 3 BBG. FRESH WATER MEX 150 SOURS CLASS A+37.00+1476 RELEASE PLUB - STORT DESUDENCE DESUDER PLUB TO 798'   SI. D BBG. CEMEN DED CERCULATE  CHARGE TO: FOLAND ESOURCES  STREET	SER  DEPTH OF JOB  PUMP TRUCK CHARGE  EXTRA FOOTAGE  MILEAGE  MANIFOLD	TOTAL <b>98</b> VICE  839  99/  @ 7 = 3  @	63 °
RUN 85/8" (ASING + BREAK GRIDLATE AVILLE 3 BBG. FRESH WATER MEX 250 SACKS 65:35:6+37.00-14-15 MEX 150 SACKS 65:35:6+37.00-14-15 MEX 150 SACKS CLASS A+37.00+27.60 MELEASE PLUB - STORT DESIDERNE DESIDER PLUB TO 79B'   SI. D BBG. MEMEN DED CERCULATE  CHARGE TO: FOLAND ESOURCES  STREET	SER  DEPTH OF JOB  FUMP TRUCK CHARGE  EXTRA FOOTAGE  MILEAGE  MANIFOLD  PLUG & FLO	TOTAL 28  VICE  839  997  @	63 °
RUN 85/8° CASING + BREAK GRUUNT PUMP 3 BBG. FRESH WATER MEX 150 SOURS CLASS A+37.00+1476 RELEASE PLUB - STORT DESUDENCE DESUDER PLUB TO 798'   SI. D BBG. CEMEN DED CERCULATE  CHARGE TO: FOLAND ESOURCES  STREET	SER  DEPTH OF JOB  FUMP TRUCK CHARGE  EXTRA FOOTAGE  MILEAGE  MANIFOLD  PLUG & FLO	TOTAL 28  VICE  839  99/  @ 7 = 3  @	63 °
RON 85/8" (ASING + BREAK GRIVIATE AVAIL 3 BBLE FRESH WATER  MEX 250 SACKS 65:35:6+37.00" (FT)  MEX 150 SACKS 65:35:6+37.0	SER  DEPTH OF JOB  FUMP TRUCK CHARGE  EXTRA FOOTAGE  MILEAGE  MANIFOLD  PLUG & FLO	TOTAL 28  VICE  839  997  @	63 °
ROW BELS (ASING + BREAK GRUUNT AVULD 3 BBLE. FRESH WATER MAY ASO SACKS 65:35:6+3% CC+1/479 MAY ISO SACKS 65:35:6+3% CC+1/479 MAY ISO SACKS 65:35:6+3% CC+1/479 MAY ISO SACKS CLASS A+3% CL+2% GRUUNTE PUBLICATE  CHARGE TO: FOLANO FROUNTE  CHARGE TO: STATE ZIP  TO Allied Cementing Co., LLC.	SER  DEPTH OF JOB  FUMP TRUCK CHARGE  EXTRA FOOTAGE  MILEAGE  MANIFOLD  PLUG & FLO	TOTAL 28  VICE  839  997  @	63 °
CHARGE TO: STATE	SER  DEPTH OF JOB  FUMP TRUCK CHARGE  EXTRA FOOTAGE  MILEAGE  MANIFOLD  PLUG & FLO	TOTAL 28  VICE  839  997  @	63 °
Now 85/8° (ASTNG + BREAK GRIULATE AUM) 3 BB/L FRESH WATER MYX 350 SOURS CLASS A+ 3/4 (L+2/46) AFERSE PLUS - STREET DESCRIPTION OF THE STREET STREET  CITY STATE ZIP  To Allied Cementing Co., LLC.  You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or	SER  DEPTH OF JOB  FUMP TRUCK CHARGE  EXTRA FOOTAGE  MILEAGE  MANIFOLD  PLUG & FLO	TOTAL 28  VICE  839  99/  @ 7 = 3  @ 7 = 3  OAT EQUIPMENT  126  ### 172  ### 173  ### 174  ##	63 °
CHARGE TO: STATE  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	SER  DEPTH OF JOB  FUMP TRUCK CHARGE  EXTRA FOOTAGE  MILEAGE  MANIFOLD  PLUG & FLO	TOTAL 28  VICE  839  997  @ 7 = 3  @ 7 = 3  @ 7 = 3  OAT EQUIPMENT  26	3 = 2 3 = 2 7 = 6
CHARGE TO: STATE ZIP  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	SER  DEPTH OF JOB  FUMP TRUCK CHARGE  EXTRA FOOTAGE  MILEAGE  MANIFOLD  PLUG & FLO	TOTAL 28  VICE  839  99/  @ 7 = 3  @ 7 = 3  OAT EQUIPMENT  126  ### 172  ### 173  ### 174  ##	3 = 2 3 = 2 7 = 6
CHARGE TO: STATE ZIP	PLUG & FLO  SER  DEPTH OF JOB  WPUMP TRUCK CHARGE  EXTRA FOOTAGE  MILEAGE  MANIFOLD  PLUG & FLO  SS/81  I-TOP RUBBER II  I-BASKET  2-CENTRALTZER	TOTAL 28  VICE  839  997  @ 7 = 3  @ 7 = 3  @ 7 = 3  OAT EQUIPMENT  26	3 = 2 3 = 2 7 = 6
CHARGE TO: STATE ZIP	PLUG & FLO  SER  DEPTH OF JOB  WPUMP TRUCK CHARGE  EXTRA FOOTAGE  MILEAGE  MANIFOLD  PLUG & FLO  SS/81  I-TOP RUBBER II  I-BASTRE ILATE  2-CENTRALTZER  SALES TAX (If Any)	TOTAL 28  VICE  839  997  @ 7 = 3  @ 7 = 3  @ 7 = 3  OAT EQUIPMENT  26	3 = 2 3 = 2 7 = 6
CHARGE TO: FOLANO ESOURCES  STREET  CITY STATE ZIP  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.	PLUG & FLO  SER  DEPTH OF JOB  WPUMP TRUCK CHARGE  EXTRA FOOTAGE  MILEAGE  MANIFOLD  PLUG & FLO  SS/81  I-TOP RUBBER II  I-BASKET  2-CENTRALTZER	TOTAL 28  VICE  839  997  @ 7 = 3  @ 7 = 3  @ 7 = 3  OAT EQUIPMENT  26	3 = 2 3 = 2 7 = 6
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CHARGE TO: FOLANO ESOURCES  STREET  CITY STATE ZIP  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.	PLUG & FLO  SALES TAX (If Any)  TOTAL CHARGES	TOTAL 28  VICE  839  997  @ 7 = 3  @ 7 = 3  @ 7 = 3  OAT EQUIPMENT  24 @ 7 = 3  S @ 77 = 3  TOTAL 20	32 50 7 60 9 60

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### **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:
  - f. 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.



# 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**

#### **BAILEY 31-1**

**SECTION 31 - T235 - R24W** 

**HODGEMAN COUNTY, KANSAS** 

KCC NOV 2 4 2010 CONFIDENTIAL

#### INTRODUCTION

The above captioned well was drilled to a total depth of 4,950 feet on August 5, 2010. A gas detector was monitoring gas from 1,900 feet to TD. One-man logging was on location from approximately 3,600 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. The repeat or first logging pass was completed when the logging string became stuck. From data collected while drilling and analyzing, potential hydrocarbon shows were encountered in the Chase/Council Grove and Mississippian Spergen/Warsaw Dolomites. The decision was made to fish the logging tool out, canceling the main pass and setting pipe with anticipation of completing the Mississippian Dolomites for oil production.

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**CHASE (COUNCIL GROVE)** 

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The top of the Chase Porosity was cut at 2,460 (-23) feet. A 236-unit gas kick was recorded from the gas chromatograph. We are still evaluating and obtaining data on this interval. It is productive in area wells, but we are still not sure of the zone's economic feasibility.

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#### **MISSISSIPPIAN**

The Mississippian was tagged at 4,654 (-2217) feet. A total of 16 feet of "caprock" was cut before the Spergen Dolomite was encountered. A total of 22 feet of dolomite was cut and circulated up. Samples were described as buff-cream, tan-brown, very fine to fine crystalline, sucrosic dolomite with pin-point and vugular porosity being observed. A 61-unit gas kick was recorded from the gas chromatograph, along with a dull yellow fluorescence, excellent streaming cut, abundant light brown live oil staining and excellent strong odor. A drill stem test was run to further evaluate the interval with results as follows:

DST#1 (4660 - 4692) 15 - 30 - 15 - 60

Recovery: 756' gas in pipe; 808' free oil (grav 32); 60' heavy oil cut mud

Flowing pressures: 78-227/244-342

Shut-in pressures: 1378/1383

Electric logs indicate the interval to be completely productive with a porosity average of 26%.

Following the drill stem test, the drilling break continued for another 40 feet, with shows being described as same as above. This interval should also have good amounts of oil.

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#### **ELECTRIC LOG TOPS**

	REDLAND	REDLAND	ZINKE & TRUMBO
	BAILEY	WYATT	BARBARA BAILY 1-31
	NW NE NE	SW SE SW	SW NW NE
	31-T23S-R24W	30-T23S-R24W	31-T23S-R24W
CHASE	2460	2490	2500
(subsea)	(-0023)	(-0034)	(-0056)
BASE HEEBNER	3941	3952	3976
(subsea)	(-1504)	(-1496)	(-1532)
STARK SHALE	4304	4314	4344
(subsea)	(-1867)	(-1858)	(-1900)
CHEROKEE SHALE	4544	4552	4584
(subsea)	(-2107)	(-2096)	(-2140)
MISSISSIPPIAN	4654	4656	4730
(subsea)	(-2217)	(-2200)	(-2296)

<sup>\*</sup>DENOTES SAMPLE TOPS

#### **CONCLUSION**

The Bailey 31-1 was drilled as a confirmation test of the Wyatt 30-15 located in section 30-T23S-R24W. This down-dip well encountered a thicker section of dolomite that tested better. The decision was made to run casing and attempt completion in the above mentioned zone.

Respectfully submitted,

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Mike Pollok

KCC WICHITA

Petroleum Geologist

05/14/10



# DRILL STEM TEST REPORT

Redland Resources

8501 NW 23rd St Oklahoma CityOk, 73127

ATTN: Dave Hickman

**KCC** 

Bailey #30-1

30/23s/24w

Job Ticket: 37377

**DST#:1** 

Test Start: 2010.08.04 @ 14:10:14

GENERAL INFORMATION:

Formation:

Mississippian

Deviated:

Whipstock: No

ft (KB)

Time Tool Opened: 17:24:59 Time Test Ended: 23:13:29

Interval:

4660.00 ft (KB) To 4692.00 ft (KB) (TVD)

Total Depth:

4692.00 ft (KB) (TVD)

Hole Diameter:

Start Date:

Start Time:

7.78 inches lole Condition: Good

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Test Type: Conventional Bottom Hole

Tester: Mike Slemp

Unit No: 28

Reference Elevations:

2632.00 ft (KB)

2622.00 ft (CF)

KB to GR/CF:

10.00 ft

Serial #: 8677

Press@RunDepth:

Inside

226.75 psig @ 2010.08.04

14:10:15

4662.00 ft (KB)

End Date:

End Time:

2010.08.04 23:13:29 Capacity:

8000.00 psig

Last Calib.:

Time On Btm:

2010.08.04 2010.08.04 @ 17:24:14

Time Off Btm:

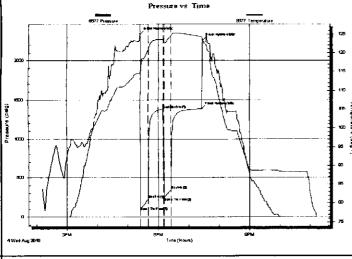
2010.08.04 @ 19:26:14

TEST COMMENT: IF- BOB in 3 min.

ISF 10 inches in bucket blow back

FF-BOB in 3 min

FSI- 3 inches in bucket blow back



PRESSURE SUMMARY						
1	Time	Pressure	Temp	Annotation		
	(Min.)	(psig)	(deg F)			
	0	2343.12	114.80	Initial Hydro-static		
	1	77.70	114.19	Open To Flow (1)		
	16	226.75	120.84	Shut-In(1)		
	46	1378.36	123.50	End Shut-In(1)		
emo	47	243.50	122.81	Open To Flow (2)		
Temperature	61	342.11	124.45	Shut-In(2)		
(aggir)	122	1383.08	124.40	Final Hydro-static		
.3	124	2262.57	123.23	Final Hydro-static		
i						
- 1						

#### Recovery

Length (ft)	Description	Valume (bbl)
756.00	GIP	8.44
808.00	100%oil	11.33
60.00	OCM 5%gas5%w ater50%oil40%mud	0.84

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

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Trilobite Testing, Inc.

Ref. No: 37377



# DRILL STEM TEST REPORT

**FLUID SUMMARY** 

Redland Resources

Bailey #30-1

30/23s/24w

8501 NW 23rd St

Job Ticket: 37377

Oklahoma CityOk, 73127

**DST#:1** 

ATTN: Dave Hickman

Test Start: 2010.08.04 @ 14:10:14

#### **Mud and Cushion Information**

Mud Type: Gel Chem

**Cushion Type:** 

Oil API:

32 deg API

Mud Weight:

9.00 lb/gal

Cushion Length:

Water Salinity:

Viscosity: Water Loss: 44.00 sec/qt 9.78 in<sup>3</sup>

Cushion Volume:

bbl

ppm

Resistivity:

ohm.m

Gas Cushion Type: Gas Cushion Pressure:

psig

ft

Salinity: Filter Cake: 2100.00 ppm inches

### **Recovery Information**

### Recovery Table

Length ft	Description	Volume bbl
756.00	GIP	8.437
808.00	100%oil	11.334
60.00	OCM 5%gas5%w ater50%oil40%mud	0.842

Total Length:

1624.00 ft

Total Volume:

20.613 bbl

0

Num Fluid Samples: 0

Num Gas Bombs:

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

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Inside

Redland Resources

30/23s/24w

DST Test Number: 1

