

## Kansas Corporation Commission • Oil & Gas Conservation Division

Form ACO-1 October 2008 Form Must Be Typed

# WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 32204	API No. 15 - 033-21554-00-00				
Name: REDLAND RESOURCES, INC.	Spot Description:				
Address 1: 6001 NW 23RD STREET	S/2 _S/2 _NE Sec. 22 _ Twp. 31 _S. R. 18 East				
Address 2:	2300 Feet from 🕢 North / 🗌 South Line of Section				
City: OKLAHOMA CITY State: OK Zip: 73127 +	1375 Feet from 📝 East / 🗌 West Line of Section				
Contact Person: ALAN THROWER	Footages Calculated from Nearest Outside Section Corner:				
CONTRACTOR: License # 5929	County: COMANCHE				
Name: DUKE DRILLING SEP 2 4 2009	Lease Name: BOISSEAU Well #: _22-7				
NIII MODE <sup>3</sup>					
Wellsite Geologist: MIKE POLLOK  Purchaser: ONEOK/HIGH SIERRA CRUDE CONSERVATION DIVISION WICHITA, KS	Producing Formation: MISSISSIPPIAN				
Designate Type of Completion:	Elevation: Ground: 2123' Kelly Bushing: 2136'				
New Well Re-EntryWorkover	Total Depth: 5250' Plug Back Total Depth: 5218'				
New Well Re-Entry Workover Nor Nover SIOW	Amount of Surface Pipe Set and Cemented at: 268 Feet				
	Multiple Stage Cementing Collar Used? ☐ Yes ☑ No				
CM (Coal Bed Methane) Temp. Abd.	If yes, show depth set:Feet				
Dry Other					
(Core, WSW, Expl., Cathodic, etc.)	If Alternate II completion, cement circulated from:  feet depth to:  w/sx cmt.				
If Workover/Re-entry: Old Well Info as follows:					
Operator:	Drilling Fluid Management Plan AIT I NUL 10-7-09				
Well Name:	(Data must be collected from the Reserve Pit)				
Original Comp. Date: Original Total Depth:	Chloride content: 4000 ppm Fluid volume: 400 bbls				
Deepening Re-perf Conv. to Enhr Conv. to SWD	Dewatering method used: TRUCKING TO DISPOSAL				
Plug Back:Plug Back Total Depth	Location of fluid disposal if hauled offsite:				
Commingled Docket No.:	Operator Name: OIL PRODUCERS				
Dual Completion	Lease Name: RICH C-9 SWD License No.: 8061				
Other (SWD or Enhr.?) Docket No.:	Quarter Sec. 22 Twp. 32 S. R. 19 East 🗸 West				
05/11/09	County: COMANCHE Docket No.: 28,178				
Recompletion Date Recompletion Date	Docket No.				
INSTRUCTIONS: An original and two copies of this form shall be filed with t Kansas 67202, within 120 days of the spud date, recompletion, workover or color of side two of this form will be held confidential for a period of 12 months if requitiality in excess of 12 months). One copy of all wireline logs and geologist well BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form	nversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information lested in writing and submitted with the form (see rule 82-3-107 for confidenteport shall be attached with this form. ALL CEMENTING TICKETS MUST in with all temporarily abandoned wells.				
All requirements of the statutes, rules and regulations promulgated to regulate the are complete and correct to the best of my knowledge.	e oil and gas industry have been fully complied with and the statements herein				
Signature:	KCC Office Use ONLY				
Title: PRESIDENT Date: 09/22/09	Letter of Confidentiality Received				
Subscribed and sworn to before me this 22 day of SEPTEMBERS	Letter or Confidentiality Received				
	Wireline Log Received				
2009	Wireline Log Received  Geologist Report Received  UIC Distribution				
110.01) 1 00.101	2018227 UIC Distribution				
Date Commission Expires:	10/30/10				
The second secon	JBLIC A STATE				
THIS OF	OKLAMIN				
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Operator Name: REDLAND RESOURCES, INC.		Lease N	Lease Name: BOISSEAU		Well #: 22-7					
Sec. 22 Twp. 3				County: COMANCHE						
time tool open and cle	osed, flowing and shutes if gas to surface to	nd base of formations pe ut-in pressures, whether est, along with final char report.	shut-in press	sure rea	ched static level	hydrostatic pre	ssures, bottom	hole tem	perature, fluid	
Drill Stem Tests Taker (Attach Additional		☐ Yes 📝 No		✓L	og Formatio	n (Top), Depth a	and Datum		Sample	
		☑ Yes ☐ No		Name CHASE		Top <b>2509</b>	•			
Cores Taken		Yes No		TOP	PENN		3376		-1240	
Electric Log Run (Submit Copy)		✓ Yes No	443	вѕн	EEBŅER	,	4250		-2114	
List All E. Logs Run:				STAF	RK SH		4708	-	2572	
Ü	DUAL INDUC	TION, NEUTRO	N		ROKEE SH		5012		2876	
DENSITY	20/12 II 1200		»·		SUNCONFORM		5076		2940	
					SAW		5168		3032	
1		CASING Report all strings set	G RECORD	√ No	_	ion etc				
Purpose of String	Size Hole	Size Casing	Weig	ht	Setting	Type of	# Sacks		and Percent	
CONDUCTOR	Drilled 30"	Set (In O.D.) 20"	98#	Ft.	Depth 53'	Cement Redimiz Gro	ut 6 yds	,	Additives	
SURFACE	17.5"	13.375"	48#	.,	268'	Class A	200	3% C	C, 2% gel	
PRODUCTION	7.875"	4.5"	10.5#		5239'	SCAV & ASC	50/175	5# Kolseai,	5# Kolseai, .5% FL160, .25# Floseal	
		ADDITIONA	L CEMENTIN	IG / SQL	JEEZE RECORD		<del></del>			
Purpose: Depth Top Bottom		Type of Cement #Sac		Jsed	Type and Percent Additives					
—— Protect Casing —— Plug Back TD ✓ Plug Off Zone	5116-5122	Common	100		3% сс					
Shots Per Foot PERFORATION RECORD - Bridge Plugs Set/Type Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth						Depth				
5116-5122 4 spf					Acid - 1500 gal 15% NEFE same			same		
5098-5102	98-5102 4 spf				Acid-1500 gal 15% NEFE same			same		
5088-5092	-5092 4 spf				Acid- 2500 gal 15% NEFE same			same		
5078-5084	6078-5084 4 spf (treated w/above interval)									
TUBING RECORD: 2.3	Size:	Set At: 5146	Packer At:		Liner Run:	Yes 🗸 No	, <u>,, , , , , , , , , , , , , , , , , ,</u>			
Date of First, Resumed 09/08/09	Production, SWD or Enh	nr. Producing Met		Flowing	y 📝 Pumpin	g Gas L	ft 🗌 Oth	er (Explain,	)	
Estimated Production Per 24 Hours	Oil 1	Bbls. Gas 90	Mcf	Wate	er Bb 25	is.	Gas-Oil Ratio 6000:1		Gravity 33	
DISPOSITIO	Used on Lease		METHOD OF (  ✓ Perf.	COMPLE	_	mingled 50	PRODUCTIO 98-5102, 508		+	

# ALLIED CEMENTING CO., LLC. 042878

**SERVICE POINT:** REMIT TO P.O. BOX 31 **RUSSELL, KANSAS 67665** Medicine Lodge JOB FINISH 6:36 A CALLED OUT RANGE ON LOCATION JOB START <u> اهِ ت</u>م 6:00 A DATE \$/12/2009 2:30AM COUNTY STATE 22-7 LOCATION Glowster, Ks 3.8 E. Sinto WELL# Comanche LEASE boissea n OLD OR NEW (Circle one) CONTRACTOR Duke #7 **OWNER** TYPE OF JOB Surface Casing
T.D. 2711 **CEMENT** AMOUNT ORDERED 200 sks Class A 32cc CASING SIZE 13 3/8 DEPTH 249.55 2% gel **TUBING SIZE DEPTH DRILL PIPE DEPTH** TOOL **DEPTH** PRES. MAX 300 COMMON 200 sks @\$15.45 \$3090.00 **MINIMUM POZMIX** MEAS. LINE **SHOE JOINT** @\$20.80 \$83.20 CEMENT LEFT IN CSG. GEL: CHLORIDE PERFS. RECEIVED Chloride 6 5ks @ \$58.20 \$349.20

KANSAS CORPORATION COMMISSION

(A) 35.68 BB1 **DISPLACEMENT EQUIPMENT** SEP 2 4 2009 CEMENTER Clint Healey **PUMP TRUCK** HELPER Grey Grieve # 414-302 CONSERVATION DIVISION **BULK TRUCK** WICHITA, KS DRIVER S:11 McAdoo 364 BULK TRUCK @\$2.40 \$480.00 DRIVER HANDLING 200 5KS MILEAGE 2005KS @ \$.10 x 20mi \$400.00 TOTAL \$4,402,40 **REMARKS:** @6:00A 47.3 8815 = @ 300 (SI and **SERVICE** - Finish Pumping @6:15 A DEPTH OF JOB <u>249</u>' Pump 35.5 BBL Start obsolucement @6:15A @ 200 PSI and I BBL/Minute PUMP TRUCK CHARGE # 950.00 EXTRA FOOTAGE @\$7.00 \$ 140,00 MILEAGE 20 MANIFOLD \_\_\_ CHARGE TO: Redland Resources TOTAL \$ 1090.00 STREET \_\_\_\_\_ **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 TOTAL \_ 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 IF PAID IN 30 DAYS 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 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 merchantise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay AELIED 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. 34363

REMIT TO P.O. BOX 31	SE	RVICE POINT:	
RUSSELL, KANSAS 67665		Medicine	Lodge
DATE 96-20-09 SEC. TWP. RANGE CAI	LLED OUT ON LOCATION OS! 30 A	1 0 10	OB FINISH 9': 30 AM
27	T. 4 N, 3.8E, S/into	COUNTY S	STATE <b>KS</b>
OLD OR (NEW) (Circle one)			
	0 11 1 0-		
CONTRACTOR DUKE 7 TYPE OF JOB PRODUCTION	OWNER Redigad Resi	ources	<u> </u>
HOLE SIZE 17/8 T.D. 5250	CEMENT		
CASING SIZE 412 1012 DEPTH 5239,16	AMOUNT ORDERED 2584	60:40:4, 2255x	Class H Asc
TUBING SIZE DEPTH	+5t Kolseil + .5% FL-160-	+ /4 + F18 Seq 1	.,
DRILL PIPE DEPTH TOOL DEPTH			
PRES MAX 1600 05; MINIMUM 100 PS1	COMMON/5	@ 15.45	<u> 331.75                                    </u>
MEAS. LINE SHOE JOINT 30.80	POZMIX 10	@ <u>\$.v0</u> @ 20.40	20.8D
CEMENT LEFT IN CSG. 20.80 PERFS.	GEL 6 1 CHLORIDE	@	
DISPLACEMENT 84 BUS 290 KCL WATER		154 @ 21.10	4747.50
EQUIPMENT	FL-160 1851bs	<u>@ 13.30</u>	1396.50
•	Flo Segl 56 165	@ 2.5D 6 @ <b>@</b>	140.00
PUMPTRUCK CEMENTER Greg G.	<b>Opposer! VSD-50</b> Kol Ser! 1125165.	@ <i>D.</i> 89	1001.25
# 352 HELPER JAPIN F	BOOA- DERK	@ <b>/2000</b>	240.00
# 256-252 DRIVER Michael N.	CHIO 8991	<u>@</u> <u>31·7</u> €	250.00
BULK TRUCK		@	
# DRIVER	HANDLING 240	@ 2-40	576.00
	MILEAGE _ 240 X.10 X		480.00
REMARKS:		TOTAL	8,923.80
pipe on Botton, BIESK circulation, Plug Ret + mouse, 2854	CED	VICE	
&D:40:4, Pump coment 2255x + Additives, Stop Pumps, wash Aumf & Lines, Release plus, Start Dist., See lift, Slow Rate, Bump plus,	SER		
Plat held , Duf with 84 Bbls 290 KCL WATER.	DEPTH OF JOB <u>5250</u>		11100.00
	PUMP TRUCK CHARGE		1480.00
	EXTRA FOOTAGE	`	140.00
	MANIFOLD Head penty		
		@	
		@	
CHARGE TO: Redland Resources		TOTAL	1540.00
STREET		101112	
CITYSTATEZIP	4 1/2 DIVIC 8: EL	OAT EQUIPMEN	т
	PLUGREN	JAI EQUI MEN	
	Platshoe	1 @ 198.45	198.45
	Latch Down Plus	<u> </u> @ <u>  139.05</u>	139.05
To Allied Cementing Co., LLC.	Basket	1 @ 141,75 5 @ 36-45	141.75
You are hereby requested to rent cementing equipment	Turbolizers	_ <u></u>	102.75
and furnish cementer and helper(s) to assist owner or	وساليان بالمستور وسنسين بالمنات بينة المستور وسنسين		
contractor to do work as is listed. The above work was		TOTAL	Lole 1.50
done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL			
TERMS AND CONDITIONS" listed on the reverse side.	SALES TAX (If Any)		_
	TOTAL CHARGE	<del></del>	
PRINTED NAME & DAYID HICKMAN	DISCOUNT CO	IF PAI	D IN 30 DAYS
·			
SIGNATURE & David Hickory	·		

\*Thank you\*

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- —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.
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  - —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.

# QUALITY OILWELL CEMENTING, INC.

No. 3440 Phone 785-483-2025 Home Office P.O. Box 32 Russell, KS 67665 Cell 785-324-1041 Finish Sec. Twp. Range County State On Location Date DAMANIA Well No. Lease Location Ma Owner To Quality Oilwell Cementing, Inc. Type Job You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed. **Hole Size** T.D. Charge To Depth Cşg **4**9B9 Tbg. Size Depth Street **Drill Pipe** Depth City State Tool. Depth The above was done to satisfaction and supervision of owner agent or contractor. USCO Cement Left in Csq. Shoe Join CEMENT **Press Max Amount Ordered** Minimum Common Meas Line Displace Poz. Mix EQUIPMENT Gel. Cementer No. TUPD **Pumptrk** Calcium Helper Driver Bulktrk Mills Driver Driver RECEIVED **Bulktrk** Salt KANSAS CORPORATION COMMISSION **JOB SERVICES & REMARKS** Flowseal Pumptrk Charge CONSERVATION DIVISION Mileage WICHITA, Footage Handling Total Virginia (Constitution of the Constitution of Remarks: Mileage Pump Truck Charge ELOAT FOUIPMENT **Guide Shoe** Centralizer **Baskets AFU Inserts** Rotating Head Squeez Mainfold Tax Discount **Total Charge** Signature



## MAP EXPLORATION, INC.

MICHAEL ANTHONY POLLOK, PRES.

P.O. BOX 106 = PURCELL, OKLAHOMA 73030 OFFICE 405/527-6038 = HOME 405/527-5200 = MOBILE 405/823-4493 = FAX 405/527-7692 ■ E-MAIL: mapexpl@aol.com

RECEIVED KANSAS CORPORATION COMMISSION GEOLOGICAL REPORT **BOISSEAU 22-7** E2 SE SW NE SECTION 22- T31S - R18W SEP 2 4 2009 COMANCHE COUNTY, KANSAS CONSERVATION DIVISION

WICHITA, KS

## SUMMARY

The above captioned well was drilled to a total depth of 5,250 feet on May 19, 2009. A one-man logging unit was on location from approximately 3,900 feet to TD. The well was under the geological supervision of the undersigned from 4,200 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, potential hydrocarbon shows were encountered in the Altamont Limestone, Pawnee Limestone, and the Mississippian Unconformity. The decision was made to set production casing and complete the well in the Mississippian Unconformity. The Altamont and Pawnee intervals should be perforated before plugging the well.

#### ALTAMONT LIMESTONE

The Altamont Limestone was encountered at 4,922 (-2,786) feet. Samples were described as white, off white, cream, tan, slightly sucrosic, very fine inter-crystalline, chalky limestone with scattered pin-point vugular porosity. Dull yellow and white fluorescence, streaming ring cut, and good odor were observed. A slight 8 foot drilling break occurred with the gas chromatograph registering a 44 unit kick.

### PAWNEE LIMESTONE

The Pawnee Limestone was encountered at 4,972 (-2,836) feet. Samples were described as white, cream, tan, light brown, very fine inter-crystalline, moderately hard, slightly sucrosic limestone with scattered pin-point and inter-crystalline porosity. Some dull yellow fluorescence and a trace of dead oil stain were observed, along with a slight odor. There was a 20 foot drilling break with the gas chromatograph registering 2 gas kicks of 40 and 70 units. The electric logs indicated a 12 foot productive zone with an average cross-plotting porosity of 6 % and as high as 9%

## MISSISSIPPIAN UNCONFORMITY

The top of the Mississippian was encountered at 5076 (-3,032) feet. The samples were described as white, off-white, cream, tan very fine to fine inter-crystalline, sucrosic, mottled dolomitic limestone with some fresh white to milky white chert. Very good inter-crystalline porosity with a trace of pin-point porosity could be seen throughout. Abundant bright and dull yellow fluorescence, with excellent streaming cut, live oil staining, and very good odor was observed. The gas chromatograph recorded gas kicks of 40, 56, 76, and 63 units. Electric logs indicated 34 foot production zone with three porosity intervals with average percentages of 8, 14, and 9 respectively. All three intervals showed good permeability and resistivity, indicating productivity.

## **ELECTRIC LOG TOPS**

	REDLAND	<b>WOOLSEY PETRO</b>	ZENITH
	BOISSEAU 22-7	BOISSEAU 1	<b>BOISSEAU 1-22</b>
	E2 SE SW NE	50'N N2 N2 N2	C NE NE
	22-T31S-R18W	22-T31S-R18W	22-T31S- R18W
CHASE	2509	2541	2509
(Subsea)	(-373)	(-368)	(-376)
TOP PENN	3376	3417	3380
(Subsea)	(-1240)	(-1244)	(-1247)
BS. HEEBNER	4250	4288	4245
(Subsea)	(-2114)	(-2115)	(-2112)
STARK SH.	4708	4743	4706
(Subsea)	(-2572)	(-2570)	(-2573)
CHEROKEE SH.	5012	5045	5005
(Subsea)	(-2876)	(-2872)	(-2872)
MISS. UNCON.	5076	5110	5067
(Subsea)	(-2940)	(-2937)	(-2934)
WARSAW	5168	5173	NDE
(Subsea)	(-3032)	(-3000)	

## **CONCLUSION**

The Boisseau 22-7 was drilled as developmental well for the Mississippian Subcrop. After all the data was evaluated it was determined that the Altamont, the Pawnee, and the Mississippian Unconformity could be commercially productive. A decision was made to set production casing and attempt completion in the Mississippian. However, before plugging of the well, both the Altamont and Pawnee should be perforated.

Respectfully submitted,

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5/21/09

Beth Brock

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5/21/09