# ORIGINAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1 October 2008 Form Must Be Typed

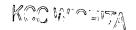
# WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 32204	API No. 15 - 007-23409-0000
Name: REDLAND RESOURCES, INC.	Spot Description:
Address 1: 6001 NW 23RD STREET	NE_NE_Sec. 17 Twp. 35 S. R. 12 East West
Address 2:	660 Feet from 🕢 North / 🗌 South Line of Section
City: OKLAHOMA CITY State: OK Zip: 73127 +	
Contact Person: ALAN THROWER	Footages Calculated from Nearest Outside Section Corner:
Phone: (405) 789-7104	☑NE □NW □SE □SW
CONTRACTOR: License #_5822	County: BARBER
Name: VAL DRILLING	Lease Name: ACHENBACH Well #: 17-1
Wellsite Geologist: MIKE POLLOK	Field Name: HARDTNER
Purchaser: ONEOK/TOUCHSTONE TRADING & TRANSP	Producing Formation: MISSISSIPPIAN
Designate Type of Completion:	Elevation: Ground: 1412' Kelly Bushing: 1423'
New Well Re-Entry Workover	Total Depth: 5331' Plug Back Total Depth: 5267'
✓ Oil SWD SIOW	Amount of Surface Pipe Set and Cemented at: 251 Feet
Gas ENHR SIGW	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/sc
If Workover/Re-entry: Old Well Info as follows:	HIP - 1/19 - 6/24/07
Operator:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Well Name:	Chloride content: 4000 ppm Fluid volume: bbls
Original Comp. Date: Original Total Depth: Conv. to SWD	Dewatering method used:evaporation
Plug Back:Plug Back Total Depth	Dewatering method used:
Commingled Docket No.:	Location of fluid disposal if hauled offsite:
Dual Completion	Operator Name:
Other (SWD or Enhr.?) Docket No.:	Lease Name: License No.:
12/26/08 01/04/09 02/28/09	Quarter Sec TwpS. R
Spud Date or Date Reached TD Completion Date or Recompletion Date	County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, workover or c of side two of this form will be held confidential for a period of 12 months if rec 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	the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information quested in writing and submitted with the form (see rule 82-3-107 for confidenell report shall be attached with this form. ALL CEMENTING TICKETS MUST with all temporarily abandoned wells.
are complete and correct to the best of my knowledge.  Signature:	/ KCC Office Use ONLY
Title: PRESIDENT Date: 5/28/09	Letter of Confidentiality Received
Subscribed and sworn to before me this $28$ day of $9$	If Denied, Yes Date:
Subscribed and sworn to before me this 28 day of MAY  Notary Public:  Date: 5/28/09  Notary Public: Date Commission Expires: 10/30/16	#02018227 Seologist Report Received
Notary Public:	EXP. 10/30/10 BIC Distribution
Date Commission Expires: 10/30/16	No. 15
	MOC MICHIE
•	OF OKLAMINING MCC MICHIE

Operator Name: RE	DLAND RESOUR	CES, INC.	Lease (	Name: _	ACHENBACH		Well #: _17-	1		
Sec. 17 Twp. 3	35 S. R. 12	East  West	County	BAR	BER					
time tool open and cl recovery, and flow ra	losed, flowing and shu	nd base of formations per ut-in pressures, whether s est, along with final chart report.	shut-in pres	sure rea	ched static level,	hydrostatic	pressures, bottom	hole tem	perature, fluid	
Drill Stem Tests Take		☐ Yes 📝 No		<b>V</b> L	og Formation	n (Top), Dep	th and Datum		Sample	
Samples Sent to Geo	·	☑ Yes ☐ No		Nam CHAS	-		Тор <b>1958</b>		Datum -534	
Cores Taken				TOP PENN		3030	-1606			
Electric Log Run (Submit Copy)		V ✓ Yes No		BS HEEBNER		3874	-2450			
				STAF	RK SH		4566	-	-3142	
List All E. Logs Run:	NEUTDOND	ENCITY		CHE	CHEROKEE SH MISS UNCONFORM		4782	-	-3358	
DUAL INDU	, NEUTRON D	ENSITY,		MISS			4854	-3430		
DOAL INDO				MISE	NER SAND		5246	-	-3822	
		CASING Report all strings set-	RECORD	✓ No urface, inte	<del>_</del>	on, etc.				
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weig Lbs.		Setting Depth	Type o Cemen			and Percent Additives	
CONDUCTOR	30"	20"	48#		50'	GROUT	5 YDS			
SURFACE	17.50"	13.375"	48#		251'	POZMIX	260	3% cc/2% gel		
Production	7.875"	4.5"	10.50#		5288'	CLASS H	300	300 S#KOLSEAL, 25#FLOSEAL, 5% FL1		
		ADDITIONA	L CEMENTI	NG / SQL	JEEZE RECORD	-				
Purpose: Depth Top Bottom Protect Casing		Type of Cement	#Sacks	Used	Jsed Type and Percent Additives					
Plug Back TD Plug Off Zone							record .			
Shots Per Foot		ION RECORD - Bridge Plu Footage of Each Interval Pe					ement Squeeze Reco	rd	Depth	
1 SPF	4893-4928				2500 gal 15% NEFE Acid ALL				ALL	
	SET CIBP @ 4	1890,								
1 SPF	4838-4888		3000 gal 15% NEFE Acid All							
					Frac w/655	3 bsw &	71,000 lbs sar	nd	All	
TUBING RECORD: 2.	Size: .375"	Set At: 4854'	Packer At	t:	Liner Run:	Yes •	No			
Date of First, Resumed 03/01/09	d Production, SWD or En	hr. Producing Met	-	Flowing	g 🔽 Pumpin	ıg 🔲 G	as Lift Oth	ner (Explair	n)	
Estimated Production Per 24 Hours	Oil 30	Bbls. Gas	Mcf	Wat	er Bt 250	ols.	Gas-Oil Ratio 500:1		Gravity 30	
DISPOSITI	ION OF GAS:		METHOD OF ✓ Perf. [	_	_	nmingled	PRODUCTI 4838-4888'	ON INTER	₹VAL:	
	ubmit ACO-18.)	Other (Specify)				mgicu		REA		

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

JUN 8 1 2009



# ALLIED CEMENTING CO., LLC. 34086

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665	SERVICE POINT: Medicipe Loche KS				
SEC. TWP. RANGE	CALLED OUT ON LOCATION JOB START, JOB FINISH				
DATE 01 05 09 17 355 12w					
LEASE Aches Buchwell# 17-/ LOCATION Hardton	verks, 1s, 1/2 EN & W Barber KS				
OLD OR NEW (Circle one)	, , , , , , , , , , , , , , , , , , , ,				
CONTRACTOR Val #5	OWNER Redland Res.				
TYPE OF JOB PRODUCTION CASING					
HOLE SIZE 472 776 T.D." 533/	CEMENT				
CASING SIZE 4K DEPTH 330	AMOUNT ORDERED 300sx HASC+5*K				
TUBING SIZE DEPTH	Spal + /4 # Floseaft. 57. FL160				
DRILL PIPE DEPTH TOOL DEPTH	Start Int.				
TOOL DEPTH PRES. MAX /600 MINIMUM	COMMON@				
MEAS. LINE SHOE JOINT 2012	POZMIX @				
CEMENT LEFT IN CSG. 2	GEL @				
PERFS.	CHLORIDE@				
DISPLACEMENT 85 B6/s Faesh 476	ASC 300 H @ 21.10 6330.00				
EQUIPMENT	KOI SEAL 1500 @ 189 1335.00				
	FloseAL 75 @ 2.50 187.50				
PUMPTRUCK CEMENTER D. Felis	FF-160 141 @ 13.30 1875.30				
# 352 HELPER M. Beeker					
BULK TRUCK					
# 356-252 DRIVER L. Freeman JR.	@				
BULK TRUCK					
# DRIVER M. (oley	HANDLING 389 @ 2.40 933.60				
REMARKS:	MILEAGE 25 x 389 x · 10 972.50				
Pipe on BHM, Break Circ, Pump 50sx Scare Coment, Mix 250sx +ail Cement, Stop Pu Wash Pump & Lines, Referse Plug, Start Do	SERVICE				
W/ FRESH 40, See in create in PSISlow Ray					
Bump Plug at 85 B6/s total	PUMP TRUCK CHARGE 22 95.00				
Visp., Release PSI Floot Vid Hold	EXTRA FOOTAGE@				
	MILEAGE 25 @ 7.00 /75.00				
	MANIFOLD Heaklantel @ 113.00 113.00				
CHARGE TO: Redland Res.					
STREET	TOTAL 2583.00				
CITYSTATEZIP					
CITYSTATEZIP	PLUG & FLOAT EQUIPMENT				
. 1 и	1-AFU Float Shoe @ 434.00 434.00				
4%"	1-Latch Down Plug Assy@ 405.00 405.00				
To Allied Cementing Co., LLC.	6- Centralizers @ 51.00 306.00				
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 <i>1145.00</i>				
contractor. I have read and understand the "GENERAL					
TERMS AND CONDITIONS listed on the reverse side.	SALES TAX (If Any)				
$\Lambda H$	TOTAL CHARGES				
PRINTED NAME	DISCOUNT IF PAID IN 30 DAYS				
MIX" allahou	- ANY AIPERCACE TAX				
SIGNATURE	WILL BE CHARGED				

# 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. 32539

REMIT TO P.O. E RUSS		NSAS 676	65				SERV	ICE POINT:	اماءه
ROSC	الكلا وليلسلي	1.10/10 0/0	~~	12	1-26-08	12	1-26-08	<u>Medicine</u> 12-27-08	12-27-08 12-27-08
DATE 13-24-08	SEC.	ZWP.	RANGE 12W	CA	LLED OUT		LOCATION POPM	JOB START 0345 AM	JOB FINISH 04 30 AM
LEASE Achen back	WELL#	1-17	LOCATION Hard	lmer Ks.	S/TO STATE	line. Y	LE. NINE	COUNTY Barber	STATE KS
OLD OR NEW (Ci		<u> </u>	1170	,	9,10		1.0/11.110		
CONTRACTOR V	<u> </u>				OWNER Red	lload	Regures	_	
TYPE OF JOB SU	Gfore.				OWNER MC	yryro	negovas		
HOLE SIZE 17%	<del>))</del>	T.D	. 259	<del></del>	CEMENT				
CASING SIZE 13	3/8" 4		PTH 251.37		AMOUNT OI	RDERI	ED 260sx	60:40:2	t3%CC
TUBING SIZE			PTH	·					
DRILL PIPE		DEI	PTH						
TOOL		DEI	PTH	_					
PRES. MAX 30	0	MIN	NIMUM 190 PS		COMMON_	15	6 A	_@ <i>15.45</i>	2410,2
MEAS. LINE			DE JOINT42.0	6	POZMIX _	10	4	@ <b>8.00</b>	832.0
CEMENT LEFT IN	NCSG.4	2.06	•		GEL _		5	@20.80	104.0
PERFS.	~		<u> </u>		CHLORIDE_		9	@58.20	523.8
DISPLACEMENT	3274	Bbls Fr	esh water		ASC			_@	<del></del>
	EQU	UIPMENT						_@	
	-							e Rece	Web
PUMP TRUCK	CEMENT	TER <b>Gre</b> q	6.					- <sup>@</sup> <del>                                    </del>	· ·
		Heath 71							1.3
BULK TRUCK		11-10-1						_ @	~
# 364	DRIVER,	Michael 1	V.					@\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Dutt for
BULK TRUCK								- @ @	
#	DRIVER				HANDLING		274	@ <del>2.40</del>	657.6
					MILEAGE				685.0
	n n							1 ( ( )	_ <u>003,0</u>
60:40:2+390CC 1	<u>Blegk Gild</u> Stol Pumi	ps. Relegge f	lus, Start DISP	<u>,                                    </u>			SERVI	TOTAL	5212.1
See lift, Slow rapre Water, Shurt in, C	Blegk Cild Stop fump , Bump pla Lement C	eukrion, fu gs, kelegse f uj, Disp. w itculgred	lus, Start DISP	<u> </u>	DEPTH OF JOPUMP TRUC	ОВ К СН <i>А</i>	SERVIO	TOTAL	1018.00
60:40:2+380CC) See lift, Slow rare Water, Shur in, C	Blegk Gile Stop Pump , Bump pla Lement C	cultan, Pu ps, Relegae p us, Disp. w itculated	Nus, sagre Disp nh 3374 BUS F to Surface	्रिक् <u>र</u>	DEPTH OF JO PUMP TRUC EXTRA FOO' MILEAGE	OB K CH/ TAGE	SERVIO 259 / ARGE	TOTAL  CE @	1018.00
60:40:2+380CC) See lift, Slow rare Water, Shur in, C	Blesk Cile Soof fump , Bump pla cement C	eukrion, fu ps., Release f uj., Disp. w Litculated	Nus, sagrt Disp nh 3374 BUS F to Surface	्रिक् <u>र</u>	DEPTH OF JO PUMP TRUC EXTRA FOO' MILEAGE	OB K CH/ TAGE	SERVIO 259 / ARGE	TOTAL  CE @	1018.00
60:40:2+380CC) See lift, Slow rare Weter, Shur in, C	Blesk Cile Soof fump , Bump pla cement C	eukrion, fu ps., Release f uj., Disp. w Litculated	Nus, sagry Disp nh 3334 BUS F to Surface	्रिक् <u>र</u>	DEPTH OF JOPUMP TRUC	OB K CH/ TAGE	SERVIO 259 / ARGE	TOTAL  CE	1018.00
60:40:2+38occ, See lift, Slow name Writer, Shurt in, C	Blegk Cite Stop fumi , bump pu enert C	cultan, Pu es, Relegae f uj, Disp. w itculgred	Nus, sagry Disp nh 3334 BUS F to Surface	्रिक् <u>र</u>	DEPTH OF JO PUMP TRUC EXTRA FOO' MILEAGE	OB K CH/ TAGE	SERVIO 259 / ARGE	TOTAL  CE @	1018.00
GO: 40: 2+380CC) See lift, Slow rape Wrier, Shurr in, C	Bleak Cite Stop fump , Bump pla Lement C	eukrion, fu es, Releger f uj, Disp. w inculated exonces	Nug, signt Disp Ith 3394 BUS F to Surface	764 ————————————————————————————————————	DEPTH OF JO PUMP TRUC EXTRA FOO' MILEAGE	OB K CH/ TAGE	SERVIO 259 / ARGE	TOTAL  CE	1018.00
CHARGE TO: Red	Blegk Gile Stop fump , Bump pla Lement C	eukrion, Pui es, Releger f uy, Disp. w inculated :	Nug, start Disp th 3374 BUS F to Surface	/ /g/	DEPTH OF JO PUMP TRUC EXTRA FOO MILEAGE _ MANIFOLD. Head Ren 19	OB K CH/ TAGE	SERVIO 259 / ARGE	TOTAL  CE	1018.00
CHARGE TO: Red	Blegk Gile Stop fump , Bump pla Lement C	eukrion, Pui es, Releger f uy, Disp. w inculated :	Nug, start Disp th 3374 BUS F to Surface	/ /g/	DEPTH OF JO PUMP TRUC EXTRA FOO' MILEAGE	OB K CHA TAGE	SERVIO 259' ARGE	TOTAL  CE	1018.00
CHARGE TO: Red	Blegk Gile Stop fump , Bump pla Lement C	eukrion, Pui es, Releger f uy, Disp. w inculated :	Nug, start Disp th 3374 BUS F to Surface	/ /g/	DEPTH OF JO PUMP TRUC EXTRA FOO' MILEAGE _ MANIFOLD Head Renta	OB	SERVIO	TOTAL	1018.00 175.0 113.01
CHARGE TO: Red	Blegk Gile Stop fump , Bump pla Lement C	eukrion, Pui es, Releger f uy, Disp. w inculated :	Nug, start Disp th 3374 BUS F to Surface	/ /g/	DEPTH OF JO PUMP TRUC EXTRA FOO' MILEAGE MANIFOLD. Head (Ren79)	OB	SERVIO	TOTAL	1018.00 175.0 113.0 1306.0
CHARGE TO: Red	Blegk Gile Stop Pump , Bump pla Lement C	eviktion, fu gs. Relegge f ug. Disp. w inculated :	Nug, start Disp th 3374 BUS F to Surface	/ /g/	DEPTH OF JO PUMP TRUC EXTRA FOO' MILEAGE _ MANIFOLD Head Renta	OB	SERVIO	TOTAL	1018.00 175.0 113.0 1306.0
CHARGE TO: Red STREET	Breg K Cite Stop Pump , Bump pla Lement C	estrion, Puiss, Relegge of the services  ESONCES  TATE  LLC.	Nug, start Disp th 3374 BUS F to Surface	<u></u>	DEPTH OF JOPUMP TRUCE EXTRA FOOM MILEAGE MANIFOLD Head Rental Mental Mental Modern Floring Basket	OB _2 K CHA TAGE	SERVIO	TOTAL	1018.00 175.0 113.0 1306.0
CHARGE TO: Red STREET  CITY  To Allied Cement You are hereby re	bleg K Cite Stop Pump  Bump pla  Lement C  Stop Stop  S	EDICES  LLC.  to rent cen	nus, sagar Disperts Signature Bus From Surface.  ZIP	ent	DEPTH OF JOPUMP TRUCE EXTRA FOOM MILEAGE MANIFOLD Head Rental Mental Mental Modern Floring Basket	OB _2 K CHA TAGE	SERVIO	TOTAL  OE  OE  OE  OE  OE  TOTAL	1018.00 175.0 113.0 1306.0
CHARGE TO: Red  STREET  CITY  To Allied Cement  You are hereby re  and furnish ceme	blenk Cite Stop fump  Blank Re  Lement C  Stop fump  Blank Re  Lement C  Stop fump  Stop fump  Lement C	EDUCES  LLC.  to rent centhelper(s) to	nenting equipment assist owner o	ent or	DEPTH OF JOPUMP TRUCE EXTRA FOOM MILEAGE MANIFOLD Head Rental Mental Mental Modern Floring Basket	OB _2 K CHA TAGE	SERVIO	TOTAL  OE  OE  OE  OE  OE  TOTAL	1018.00 175.0 113.0 1306.0
CHARGE TO: Red  To Allied Cement You are hereby re and furnish ceme contractor to do y	ting Co., equested inter and I work as is	LLC. to rent centhelper(s) to slisted. The	nenting equipment assist owner one above work were	ent or was	DEPTH OF JOPUMP TRUCE EXTRA FOOM MILEAGE MANIFOLD Head Rental Mental Mental Modern Floring Basket	OB _2 K CHA TAGE	SERVIO	TOTAL  OE  OE  OE  OE  OE  TOTAL  TOTAL	1018.00 175.0 113.01 1306.0
CHARGE TO: Red  STREET  CITY  To Allied Cement You are hereby re and furnish ceme contractor to do w done to satisfaction	ting Co., equested inter and levork as is on and su	LLC. to rent centhelper(s) to slisted. The	nenting equipment assist owner one above work work of owner agent	ent or was or	DEPTH OF JOPUMP TRUCE EXTRA FOOM MILEAGE MANIFOLD Head Rental Mental Mental Modern Floring Basket	OB _2 K CHA TAGE	SERVIO	TOTAL  OE  OE  OE  OE  OE  TOTAL  TOTAL	1018.00 175.0 113.01 1306.0
CHARGE TO: Red  STREET  CITY  To Allied Cement You are hereby re and furnish ceme contractor to do v done to satisfactio contractor. I have	ting Co., equested the ter and levork as is on and sue read and	LLC. to rent cen helper(s) to s listed. The pervision of understan	nenting equipment assist owner of owner agent and the "GENER	ent or was or	DEPTH OF JOPUMP TRUCE EXTRA FOOM MILEAGE MANIFOLD Head Rental Mental Moder Flux Basket	OB _2 K CHA TAGE	SERVIO 259 / ARGE	TOTAL  OE  OE  OE  OE  OE  TOTAL  TOTAL	1018.00 175.0 113.01 1306.0
CHARGE TO: Red  STREET  CITY  To Allied Cement You are hereby re and furnish ceme contractor to do v done to satisfactio contractor. I have	ting Co., equested the ter and levork as is on and sue read and	LLC. to rent cen helper(s) to s listed. The pervision of understan	nenting equipment assist owner of owner agent and the "GENER	ent or was or	DEPTH OF JO PUMP TRUC EXTRA FOO' MILEAGE MANIFOLD Head Renta  Wooden Plus Basket  SALES TAX	OB _2 K CHA TAGE	SERVICES SER	TOTAL  OE  OE  OE  OE  OE  TOTAL  TOTAL	1018.00 175.0 113.01 1306.0
60:40:2+39occ, See lift, Slow rape Water, Shut in, C	ting Co., equested the ter and levork as is on and sue read and	LLC. to rent cen helper(s) to s listed. The pervision of understan	nenting equipment assist owner of owner agent and the "GENER	ent or was or	DEPTH OF JOPUMP TRUCE EXTRA FOOM MILEAGE MANIFOLD Head Rental Mental Moder Flux Basket	OB _2 K CHA TAGE	SERVICES SER	TOTAL  OE  OE  OE  OE  OE  TOTAL  TOTAL	175.0
CHARGE TO: Red STREET  CITY  To Allied Cement You are hereby re and furnish ceme contractor to do v done to satisfactio contractor. I have TERMS AND CO	ting Co., equested inter and invork as is on and sure condition.	LLC. to rent cen helper(s) to s listed. The pervision of understan	nenting equipment assist owner of owner agent and the "GENER	ent or was or MAL side.	DEPTH OF JO PUMP TRUC EXTRA FOO' MILEAGE MANIFOLD Head Renta  Wooden Plus Basket  SALES TAX	OB _Z K CHA TAGE	SERVICES SER	TOTAL  OE  OE  OE  OE  OE  OE  OE  OE  OE  O	1018.00 175.0 113.01 1306.0
CHARGE TO: Red STREET  CITY  To Allied Cement You are hereby re and furnish ceme contractor to do v done to satisfactio contractor. I have TERMS AND CO	ting Co., equested inter and invork as is on and sure condition.	LLC. to rent cen helper(s) to s listed. The pervision of d understands.	nenting equipment assist owner of owner agent and the "GENER	ent or was or AL side.	DEPTH OF JO PUMP TRUC EXTRA FOO' MILEAGE MANIFOLD. Head Renty  SALES TAX TOTAL CHAIL DISCOUNT	PLUC	SERVICES SER	TOTAL  @	1018.00 175.0 113.00 1306.0
CHARGE TO: Red STREET  CITY  To Allied Cement You are hereby re and furnish ceme contractor to do ve done to satisfaction contractor. I have TERMS AND CO	ting Co., equested inter and invork as is on and sure condition.	LLC. to rent cen helper(s) to s listed. The pervision of d understands.	nenting equipment assist owner of owner agent and the "GENER	ent or was or AL side.	DEPTH OF JOP DEPTH	PLUC	SERVICAS SER	TOTAL  @	1018.00 175.0 113.00 1306.0
CHARGE TO: Red STREET CITY  To Allied Cement You are hereby re and furnish ceme contractor to do w done to satisfactio contractor. I have	ting Co., equested inter and invork as is on and sure condition.	LLC. to rent cen helper(s) to s listed. The pervision of d understands.	nenting equipment assist owner of owner agent and the "GENER	ent or was or AL side.	DEPTH OF JO PUMP TRUC EXTRA FOO' MILEAGE MANIFOLD. Head Renty  SALES TAX TOTAL CHAIL DISCOUNT	OB Z K CHA TAGE  PLUC  (If Any RGES.  CHA	SERVICES ARGE	TOTAL  @	1018.00 175.0 113.0 1306.0

# 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.
- 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@col.com

# GEOLOGICAL REPORT ACHENBACH 17-1 NE NE SECTION 17- T35S - R12W BARBER COUNTY, KANSAS

#### SUMMARY

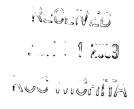
The above captioned well was drilled to a total depth of 5,331 feet on January 4, 2009. A one-man logging unit was on location from approximately 2,800 feet to TD. The well was under the geological supervision of the undersigned from 4,600 feet to TD. At TD, Weatherford electric logs were run that consisted of Dual Induction, Compensated Neutron-Density and Micro-log. From the data collected while drilling and analyzing, potential hydrocarbon shows were encountered in the Pawnee Limestone and the Mississippian. The decision was made to set production casing and complete the well in the Mississippian. However the Pawnee interval should be perforated before plugging the well.

## PAWNEE LIMESTONE

The Pawnee Limestone was cut at 4,747 (-3,323) feet. The samples were described as off white, tan, grey, and brown to dark brown, very fine to fine microcrystalline, fossilerous, argillaceous, slightly sucrosic, limestone with a trace of glauconite interbedded. Good pin-point porosity with a trace of vugular porosity could be seen. Good yellow fluorescence with a trace of dark brown live oil stain was observed. There was a 7 foot drilling break with the gas chromatograph registering 70 units. The electric logs indicated a 4 foot interval of 5 to 7% cross-plot porosity and good micro-log separation.

## **MISSISSIPPIAN**

The top of the Mississippian was encountered at 4,854 (-3,430) feet. The samples were described as milky white, clear to opaque, predominately hard fresh chert with an abundant amount of milky white and blue, slightly glauconitic and dolomitic, friable tripolitic chert. Very good vugular pin-point porosity was observed. An abundant dull yellow fluorescence with dark brown live oil stain, excellent streaming cut and strong odor was also observed. A 76 foot drilling break occurred with the gas chromatograph recording gas kicks of 214, 241, 232, and 339 units respectively. The electric logs indicated a productive zone of 72 feet with an average cross-plot porosity over 20% and as high as 28%. Very good micro-log separation was observed through out.



## MISENER SANDSTONE

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The top of the Misener was encountered at 5,246 (-3,822) feet. Samples were described as clear and transparent, medium grained, round to sub-round, consolidated, very friable, fairly sorted, very good inter-granular sandstone with a dolomitic matrix and abundant shale inclusions. No visual fluorescence, oil stain, cut or odor was observed. Though the porosity log showed a 10 foot zone with a 12% cross-plotting average, the induction log indicated the zone to be wet.

## **ELECTRIC LOG TOPS**

	REDLAND ACHENBACH 17-1 NE NE 17-T35S-R12W	AVALON DMZ 1-18 W2 W2 E2 SW 18-T29N-R13W	FLYNN ACHENBACH 1 SW SE SE 8-T35S-R12W
CHASE	1958	1924	1960
(Subsca)	(-534)	(-538)	(-535)
TOP PENN	3030	3010	3040
(Subsea)	(-1606)	(-1624)	(-1615)
BS. HEEBNER	3874	3874	3886
(Subsea)	(-2450)	(-2488)	(-2461)
STARK SH.	4566	4561	4576
(Subsea)	(-3142)	(-3175)	(-3151)
CHEROKEE SH.	4782	4784	4788
(Subsea)	(-3358)	(-3398)	(-3363)
MISS. UNCON.	4854	4856	4846
(Subsea)	(-3430)	(-3470)	(-3421)
MISENER SS.	5246	5255	5252
(Subsea)	(-3822)	(-3869)	(-3827



## **CONCLUSION**

The Achenbach 17-1 was drilled as a developmental well for possible commercial production of hydrocarbons in both the Mississippian and the Misener Sandstone. After all data was gathered and analyzed it was determined that the Misener Sandstone was wet. However, the Mississippian and the Pawnee Limestone showed to be productive. A decision was made to run pipe and attempt completion in the Mississippian with the Pawnee being perforated before plugging of the well.

Respectfully submitted,

David Hickman Well Site Geologist 1/06/09

Beth Brock Petroleum Geotech 1/06/09

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