

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 32204  
Name: REDLAND RESOURCES, INC.  
Address: 6001 NW 23RD STREET  
City/State/Zip: OKLAHOMA CITY, OK 73127  
Purchaser: WESTERN GAS RESOURCES-WESTANA, INC.  
Operator Contact Person: ALAN THROWER  
Phone: (405) 789-7104  
Contractor: Name: DUKE DRILLING  
License: 5929

RECEIVED

Wellsite Geologist: MIKE POLLOK  
Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

OCT 23 2003  
10-23-03  
KCC-WICHITA

If Workover/Re-entry: Old Well Info as follows:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 Deepening  Re-perf.  Conv. to Enhr./SWD  
 Plug Back \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
 Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?) \_\_\_\_\_ Docket No. \_\_\_\_\_

7-26-03 8-3-03 9-3-03  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

API No. 15 - 007-22761-00-00  
County: BARBER  
W/2 SE NE Sec. 7 Twp. 35 S. R. 15  East  West  
1980 feet from S  N (circle one) Line of Section  
1000 feet from  E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one)  NE SE NW SW  
Lease Name: HACKBERRY Well #: 7-8  
Field Name: AETNA GAS AREA

Producing Formation: MISSISSIPPIAN  
Elevation: Ground: 1797' Kelly Bushing: 1811'  
Total Depth: 5350' Plug Back Total Depth: 5315'KB  
Amount of Surface Pipe Set and Cemented at 1012'  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 Act 1 W 11-17-03  
(Data must be collected from the Reserve Pit)  
Chloride content 5000 ppm Fluid volume 1950 bbls  
Dewatering method used TRUCK HAULING

Location of fluid disposal if hauled offsite:  
Operator Name: OIL PRODUCERS OF KANSAS  
Lease Name: MAY #13-3 License No.: 8061  
Quarter NE Sec. 13 Twp. 35 S. R. 16  East  West  
County: COMANCHE Docket No.: D-27726

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: Alan Thrower  
Title: VICE PRESIDENT Date: 10-21-03  
Subscribed and sworn to before me this 21 day of October

20 03  
Notary Public: Cindi J. Jones  
Date Commission Expires: \_\_\_\_\_  
Commission # 02018227 Expires 10/30/06

**KCC Office Use ONLY**  
 Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

Operator Name: REDLAND RESOURCES, INC. Lease Name: HACKBERRY Well #: 7-8  
 Sec. 7 Twp. 35 S. R. 15  East  West County: BARBER

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run:  <b>DUAL INDUCTION                  COMPENSATED NEUTRON DENSITY                  MICROLOG</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>CHASE</td> <td>2382</td> <td>-571</td> </tr> <tr> <td>TOP PENN</td> <td>3327</td> <td>-1516</td> </tr> <tr> <td>BS. HEEBNER</td> <td>4273</td> <td>-2462</td> </tr> <tr> <td>LANSING</td> <td>4472</td> <td>-2661</td> </tr> <tr> <td>STARK SH.</td> <td>4884</td> <td>-3073</td> </tr> <tr> <td>CHEROKEE SH.</td> <td>5128</td> <td>-3317</td> </tr> <tr> <td>MISS DETRITAL</td> <td>5174</td> <td>-3363</td> </tr> <tr> <td>TOP MISS.</td> <td>5200</td> <td>-3389</td> </tr> </table>	Name	Top	Datum	CHASE	2382	-571	TOP PENN	3327	-1516	BS. HEEBNER	4273	-2462	LANSING	4472	-2661	STARK SH.	4884	-3073	CHEROKEE SH.	5128	-3317	MISS DETRITAL	5174	-3363	TOP MISS.	5200	-3389
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CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacs Used	Type and Percent Additives
surface	14.75"	10.75"	24#	248'	60/40 Pozmix	225	2%gel/3%CC
surface	9.875"	8.625"	24#	1012'	Class A	200	2%gel/3%CC/2%Gyp
production	7.875"	4.5"	10.50#	5350'	Class H ASC	230	10%salt, 6%Cal-Seal, 1%Gel.

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth - Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	5173-5223 & 5240-5270	Acid - 4000gal 15% NEFE	same
		Frac - 3000gal 15% NEFE acid & 200,000 treated water & 39,000# 20/40 sand	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2.375"	5161'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.			Producing Method		
10-06-03			<input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0	300	50	300:1	0.8161

Disposition of Gas  Vented  Sold  Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_

# ALLIED CEMENTING CO., INC. 12735

Federal Tax I.D.# 48-0727860

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

ORIGINAL  
SERVICE POINT:  
Med. Lodge, KS

DATE <u>8-4-03</u>	SEC. <u>7</u>	TWP. <u>35s</u>	RANGE <u>15w</u>	CALLED OUT <u>4:00 pm</u>	ON LOCATION <u>5:00 pm</u>	JOB START <u>8:00 pm</u>	JOB FINISH <u>9:15 pm</u>
LEASE <u>Backberry</u>		WELL # <u>7-8</u>	LOCATION <u>Hartner Rd + Aetna Rd</u>		COUNTY <u>Barber</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)			<u>1 1/2 w to Curve 5/8 into</u>				

CONTRACTOR Duke #7  
 TYPE OF JOB Production  
 HOLE SIZE 7 7/8" T.D. 5350'  
 CASING SIZE 4 1/2 x 10.50 DEPTH 5355'  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE 4 1/2" DEPTH 5350'  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX 2000 MINIMUM 50  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT 34.89  
 CEMENT LEFT IN CSG. 34.99  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT 84 1/2 bbl fresh h<sub>2</sub>O

OWNER Redland Resources  
 CEMENT  
 AMOUNT ORDERED 250sx H+ASC+5\*  
Kol-Seal +.5% FI-160  
250 gal. Mud Clean 250 gal CAUSTIC  
 COMMON 250sx H ASC @ 10.55 \$ 2637.50  
 POZMIX \_\_\_\_\_ @ \_\_\_\_\_  
 GEL \_\_\_\_\_ @ \_\_\_\_\_  
 CHLORIDE \_\_\_\_\_ @ \_\_\_\_\_  
Kol-Seal 1250# @ .50 625.00  
FI-160 117# @ 8.00 936.00  
Caustic 250 gal @ 1.00 250.00  
Mud-Clean 250 gal @ 1.75 437.50  
 HANDLING 291sx @ 1.15 334.65  
 MILEAGE 291 x 60 x .05 = 873.00

EQUIPMENT  
 PUMP TRUCK CEMENTER Mike Rucker  
 # 343 HELPER Eric Brewer  
 BULK TRUCK  
 # 359 DRIVER Tracy Cushenbery  
 BULK TRUCK  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_

RECEIVED  
 OCT 23 2003  
 TOTAL 5843.65

REMARKS:

8:05 Pm Pipe on bottom break Circ. 8:35 Pm Pump  
1 bbl Caustic. Pump 1 bbl mud-Clean.  
mix 10sx mousehole. mix 10sx Rathole.  
8:45 Pm Start Production Cement 230sx H+ASC  
+ 5\* Kol-seal + .5% FI-160 @ 14.5 weight. 9:00 Pm  
Stop pumps Wash Dump + lines Release Plug Start  
Disp See lift @ 57 bbl Steady lift  
@ 84 1/2 bbl Disp Bump Plug 900-2000. 9:15 Pm  
Release Ps; floats held.

KCC WICHITA SERVICE  
 DEPTH OF JOB 5355'  
 PUMP TRUCK CHARGE \$ 1340.00  
 EXTRA FOOTAGE @ \_\_\_\_\_  
 MILEAGE 60x @ 3.50 210.00  
 PLUG \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 TOTAL \$ 1550.00

CHARGE TO: Redland Resources  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

FLOAT EQUIPMENT  
4 1/2" Gemaco  
 1-AFU float shoe @ 200.00 200.00  
 1- Latch Down Plug ass. @ 300.00 300.00  
 8-Centralizers @ 45.00 360.00  
 TOTAL 860.00

To Allied Cementing Co., Inc.  
 You are hereby requested to rent cementing equipment and furnish cementer and helper 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 & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX \_\_\_\_\_  
 TOTAL CHARGE 1550.00  
 DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

SIGNATURE David Whitley

DAVID WHITLEY  
 PRINTED NAME

ANY APPLICABLE TAX  
 WILL BE CHARGED  
 UPON INVOICING

## GENERAL TERMS AND CONDITIONS

**DEFINITIONS:** In these terms and conditions, "Allied" shall mean Allied Cementing Co., Inc., 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.



## GENERAL TERMS AND CONDITIONS

**DEFINITIONS:** In these terms and conditions, "Allied" shall mean Allied Cementing Co., Inc., 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.

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—**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.

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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., INC. 12779

Federal Tax I.D.# 48-0727860

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

ORIGINAL  
SERVICE POINT:  
Med. Lodge

DATE <u>7-26-03</u>	SEC. <u>7</u>	TWP. <u>35s</u>	RANGE <u>15W</u>	CALLED OUT <u>6:30 PM</u>	ON LOCATION <u>9:00 PM</u>	JOB START <u>11:55 PM</u>	JOB FINISH <u>12:15 AM</u>
LEASE <u>HACKBERRY</u>		WELL # <u>7-8</u>	LOCATION <u>HARDTNER RD &amp; AETNA RD</u>		COUNTY <u>BARBER</u>	STATE <u>KANSAS</u>	
OLD OR NEW (Circle one) <u>NEW</u>			<u>1/2W TO CURVE 5/E INTO</u>				

CONTRACTOR DUKE #7

TYPE OF JOB SURFACE CASING

HOLE SIZE 14 3/4" T.D. 258'

CASING SIZE 10 3/4" X 32# DEPTH 258'

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. 15'

PERFS. \_\_\_\_\_

DISPLACEMENT 24 1/4 BBLs FRESH #20

EQUIPMENT \_\_\_\_\_

PUMP TRUCK CEMENTER BUD B

# 372 HELPER MARK B

BULK TRUCK \_\_\_\_\_

# 364 DRIVER KEVIN B

BULK TRUCK \_\_\_\_\_

# \_\_\_\_\_ DRIVER \_\_\_\_\_

OWNER REDLANDS RESOURCES

CEMENT AMOUNT ORDERED 225 cu 60:40:2 + 3% COCL<sup>2</sup>

COMMON A	<u>135</u>	@	<u>7.15</u>	<u>965.25</u>
POZMIX	<u>90</u>	@	<u>3.80</u>	<u>342.00</u>
GEL	<u>4</u>	@	<u>10.00</u>	<u>40.00</u>
CHLORIDE	<u>7</u>	@	<u>30.00</u>	<u>210.00</u>
_____	_____	@	_____	_____
_____	_____	@	_____	_____
_____	_____	@	_____	_____
_____	_____	@	_____	_____
_____	_____	@	_____	_____
HANDLING	<u>236</u>	@	<u>1.15</u>	<u>271.40</u>
MILEAGE	<u>236 X 45</u>	@	<u>.05</u>	<u>531.00</u>
TOTAL				<u>2359.65</u>

REMARKS:

RUN 10 3/4" CG & BREAK REC.  
PUMP 5 BBLs FRESH WATER  
MIX 225 cu 60:40:2 + 3% COCL<sup>2</sup>  
DISPLACE CEMENT TO 243'  
WITH 24 1/4 BBLs FRESH WATER  
CEMENT DED CIRCULATE ✓

SERVICE

DEPTH OF JOB 258'

PUMP TRUCK CHARGE \_\_\_\_\_ 520.00

EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_

MILEAGE 45 @ 3.50 157.50

PLUG \_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

TOTAL 677.50

CHARGE TO: REDLANDS RESOURCES

STREET 6001 NW 23 STREET

CITY OKLA CITY STATE OKLA ZIP 73127

FLOAT EQUIPMENT

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

TOTAL \_\_\_\_\_

To Allied Cementing Co., Inc.  
You are hereby requested to rent cementing equipment and furnish cementer and helper 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 & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX \_\_\_\_\_

TOTAL CHARGE ~~2359.65~~

DISCOUNT ~~\_\_\_\_\_~~ IF PAID IN 30 DAYS

SIGNATURE Kenneth McGuire

KENNETH MCGUIRE  
PRINTED NAME

ANY APPLICABLE TAX  
WILL BE CHARGED  
UPON INVOICING

## GENERAL TERMS AND CONDITIONS

**DEFINITIONS:** In these terms and conditions, "Allied" shall mean Allied Cementing Co., Inc., 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 willful 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.

ORIGINAL

MICHAEL ANTHONY POLLOK, PRES.

P.O. Box 106 ■ PURCELL, OKLAHOMA 73080  
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OCT 23 2003  
KCC WICHITA

## GEOLOGICAL REPORT HACKBERRY 7-8 NE/4 SECTION 7 - T35S - R15W BARBER COUNTY, KANSAS

### SUMMARY

The above captioned well was drilled to a total depth of 5,350 feet on August 3, 2003. A mud-logging unit was on location from approximately 2,500 feet to TD recording gas, with one-man mud-logging beginning at 3,800 feet to TD. The well was under the geological supervision of the undersigned from approximately 4,800 feet to TD. At TD, Reeves electric logs were run that consisted of Array Induction, Photo Density - Neutron, and Micro-log. From the data collected while drilling and analyzing, hydrocarbon shows were encountered in the Elgin Sandstone, the Pawnee Limestone, Mississippian Detrital and Mississippian Dolomite zones. The decision was made to set production casing and complete the well in the Pawnee and the Mississippian zones.

### ELGIN SANDSTONE

The Elgin was topped at 4,066 (-2255) feet. A 100-unit net show was recorded on the gas chromatograph. Samples were described as clear light gray, very fine to fine grained consolidated sandstone, with good inter-granular porosity. There was no fluorescence cut or odor observed. Electric logs indicate a zone 132-foot zone of 20% porosity that calculates "wet".

### PAWNEE LIMESTONE

The Pawnee, a member of the Marmaton-aged Oswego group was topped at 5,078 (-3267) feet. A six-foot drilling break was encountered with a 160-unit gas kick being recorded from the gas chromatograph. Samples were described as off-white to cream tan limestone, with fair intercrystalline porosity being observed. A dull to bright yellow fluorescence was seen. No visible cut stain or odor was recorded. Electric logs indicate a six-foot zone of 20% porosity that calculates productive. The well in the SE SE of section 6-T35S-R15W also has this zone present. It was re-completed approximately two years ago in this zone making 500 MCFGPD. Our pumper checked this well last week and reported that it was making 140 MCFGPD. This zone should add reserves to our Mississippian intervals.

MISSISSIPPIAN

ORIGINAL

The Mississippian Detrital was topped at 5,174 (-3363) feet. The zone was a total of 26-feet thick, consisting of four individual porosity zones all approximately four feet thick that averaged 15% porosity. Samples were described as off-white to buff tan, very fine to fine crystalline dolomite with some pin-point and sucrosic porosity along with interbedded multicolored shales and chert pieces. The gas chromatograph recorded shows of 100, 70, 60 and 58 units respectively. A bright yellow fluorescence along with a good streaming cut and fair odor was observed. The micro-log indicated 12 feet of positive separation through the porous zones.

The top of the Mississippian was cut at 5,200 (-3389) feet. A six-foot drilling break was recorded with a 70-unit gas kick from the gas chromatograph being observed. This zone had a cross-plot porosity of 14% and was followed by a ten-foot dolomite with 10% porosity. Samples were described as buff tan fine crystalline dolomite with sucrosic and pin-point porosity, along with tripolitic chert with good visible intercrystalline porosity. A bright yellow fluorescence, good streaming cut and good odor was recorded through these zones along with gas bubbles. The micro-log indicates 20 feet of positive micro-log and wall-cake indicating permeability.

ELECTRIC LOG TOPS

	REDLAND HACKBERRY 7-8 SE NE 7-T35S-R15W	REDLAND SPICER 7-15 S/2 SE 7-T35S-R15W	MIDWEST BALLET 5 NE/4 7-T35S-R15W
CHASE (subsea)	2382 (-571)	2376 (-583)	2375 (-564)
TOP PENN. (subsea)	3327 (-1516)	3325 (-1532)	3330 (-1519)
BS. HEEBNER (subsea)	4273 (-2462)	4276 (-2483)	4278 (-2567)
LANSTING (subsea)	4472 (-2661)	4468 (-2675)	4477 (-2756)
STARK SH. (subsea)	4884 (-3073)	4904 (-3111)	4888 (-3077)
CHEROKEE SH. (subsea)	5128 (-3317)	5142 (-3349)	5133 (-3322)

ORIGINAL

MISS. DETRITAL. (subsea)	5174 (-3363)	5184 (-3391)	5174 (-3363)
TOP MISS. (subsea)	5200 (-3389)	5218 (-3425)	5200 (-3389)

#### CONCLUSION

The Hackberry 7-8 was drilled as an in-fill location for the Mississippian Detrital and dolomite zones. There is the potential for a total of 50 plus feet of pay in the two above mentioned zones. There also was a Pawnee "Oswego" Limestone zone that should be productive.

After all data was analyzed, the decision was made to set casing and attempt completion in the Mississippian zones, and most likely commingle with the Oswego zone.

Respectfully submitted



Mike Pollok  
Petroleum Geologist  
8/13/03