

ORIGINAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

AMENDED

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

CONFIDENTIAL

Operator: License # 4767
Name: Ritchie Exploration, Inc.
Address: P.O. Box 783188
City/State/Zip: Wichita, KS 67278-3188
Purchaser: _____
Operator Contact Person: John Niernberger
Phone: (316) 691-9500
Contractor: Name: Murfin Drilling, Inc.
License: 30606

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

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. _____

11/06/2006	11/12/2006	08/07/2007
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 137-20459-0000
County: Norton
70W N/2 NW SE Sec. 22 Twp. 5S S. R. 23 East West
2310 2300 feet from (S) N (circle one) Line of Section
2050 2172 feet from (E) W (circle one) Line of Section
Footages Calculated from GPS-KCC-DLC Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Schaben 22AD Well #: 2

Field Name: MOD
Producing Formation: Toronto & LKC
Elevation: Ground: 2214 Kelly Bushing: 2219
Total Depth: 3660 Plug Back Total Depth: 3624
Amount of Surface Pipe Set and Cemented at 218 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 1815 Feet
If Alternate II completion, cement circulated from 1815
feet depth to surface w/ 360 sx cmt.

Drilling Fluid Management Plan FOR NS 5-19-07
(Data must be collected from the Reserve Pit)
Chloride content 26000 ppm Fluid volume 975 bbls
Dewatering method used evaporation
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

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: _____
Title: Production Manager Date: 02/18/2008

Subscribed and sworn to before me this 18th day of February

Notary Public: Debra K. Phillips
DEBRA K. PHILLIPS
Notary Public - State of Kansas
My Appt. Expires 5-4-11

Date Commission Expires: 5-4-11

KCC Office Use ONLY

Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

RECEIVED
KANSAS CORPORATION COMMISSION
FEB 19 2008
CONSERVATION DIVISION
WICHITA, KS

Operator Name: Ritchie Exploration, Inc. Lease Name: Schaben 22AD Well #: 2
 Sec. 22 Twp. 5S S. R. 23 East West County: Norton

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: Radiation Guard Log Gammy Ray Correlation Log	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample Name Top Datum <p style="text-align: center; font-weight: bold;">SEE ATTACHED</p>
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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	# Sacks Used	Type and Percent Additives
Surface	12-1/4	8-5/8	24	218	common	160	3%cc, 2% gel
Production	7-7/8	4-1/2	10.5	3645	60/40 pozmix	175	6% gel, 1/4# flocele

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
4	3387.5' - 3390 (Toronto) (05/07)	750 gals 15% NE Acid	
4	3578'-3584'; 3567'-3573'; 3550'-3557'; 3518'-3527'; 3466'-3476'	2250 gals 15% NE Acid + 200 perf balls	
	3449'-3455'; 3433'-3438', 3403'-3407' (LKC) (05/07)		
	*****Docket #E-28,874*****		

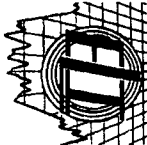
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 CONSERVATION DIVISION
 WICHITA, KS

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 3/8"	3345'	3345'	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.			Producing Method		
10/01/2007			<input 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

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 _____



**Eli
WIRELINE
SERVICES**

**RECEIVED
GUARDIAN
KANSAS CORPORATION COMMISSION
FEB 19 2009
CONSERVATION DIVISION
WICHITA, KS**

Company RITCHIE EXPLORATION, INC.
Well #2 SCHABEN 22AD
Field MOD
County NORTON
State KANSAS

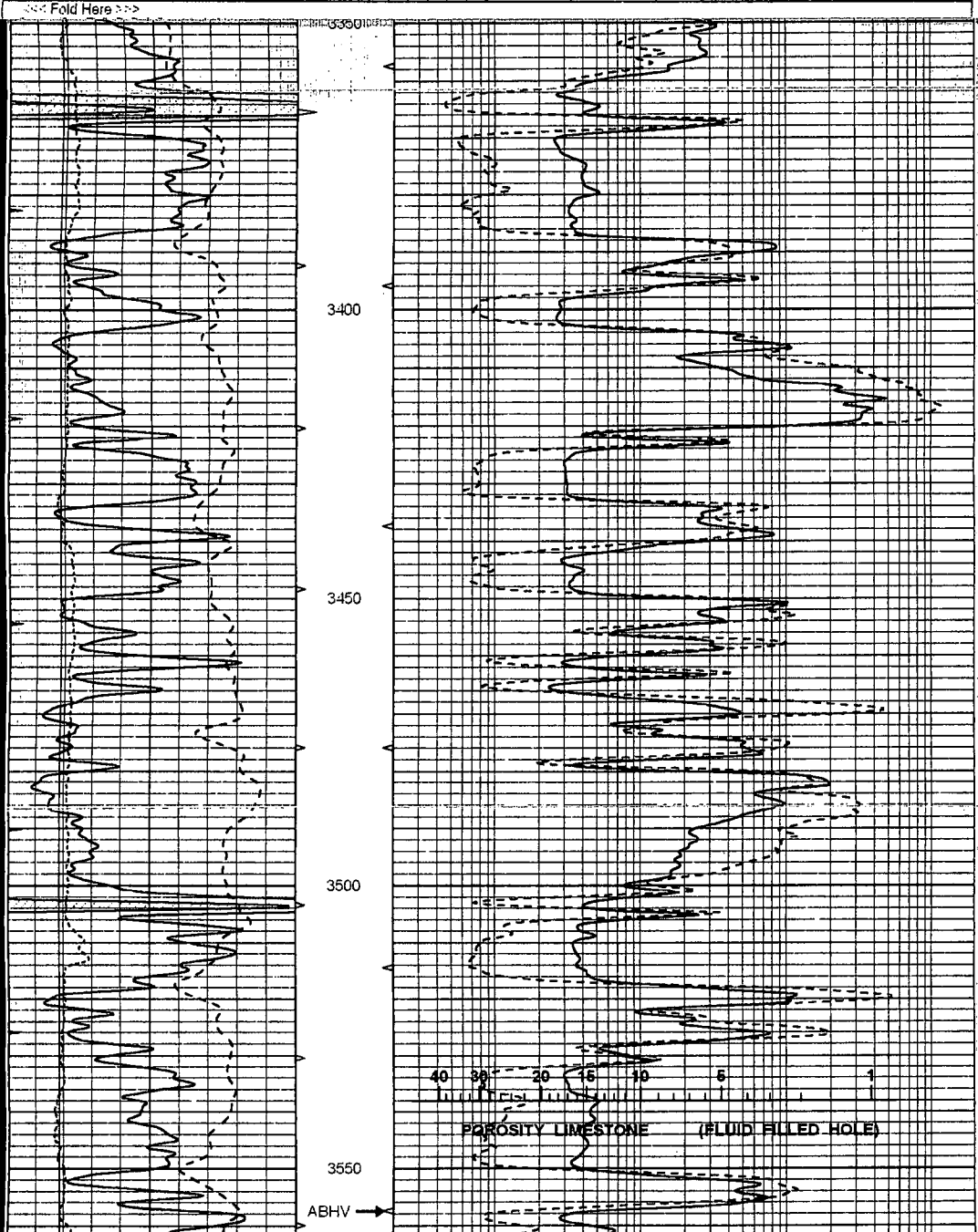
Company RITCHIE EXPLORATION, INC.
Well #2 SCHABEN 22AD
Field MOD
County NORTON
State KANSAS

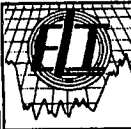
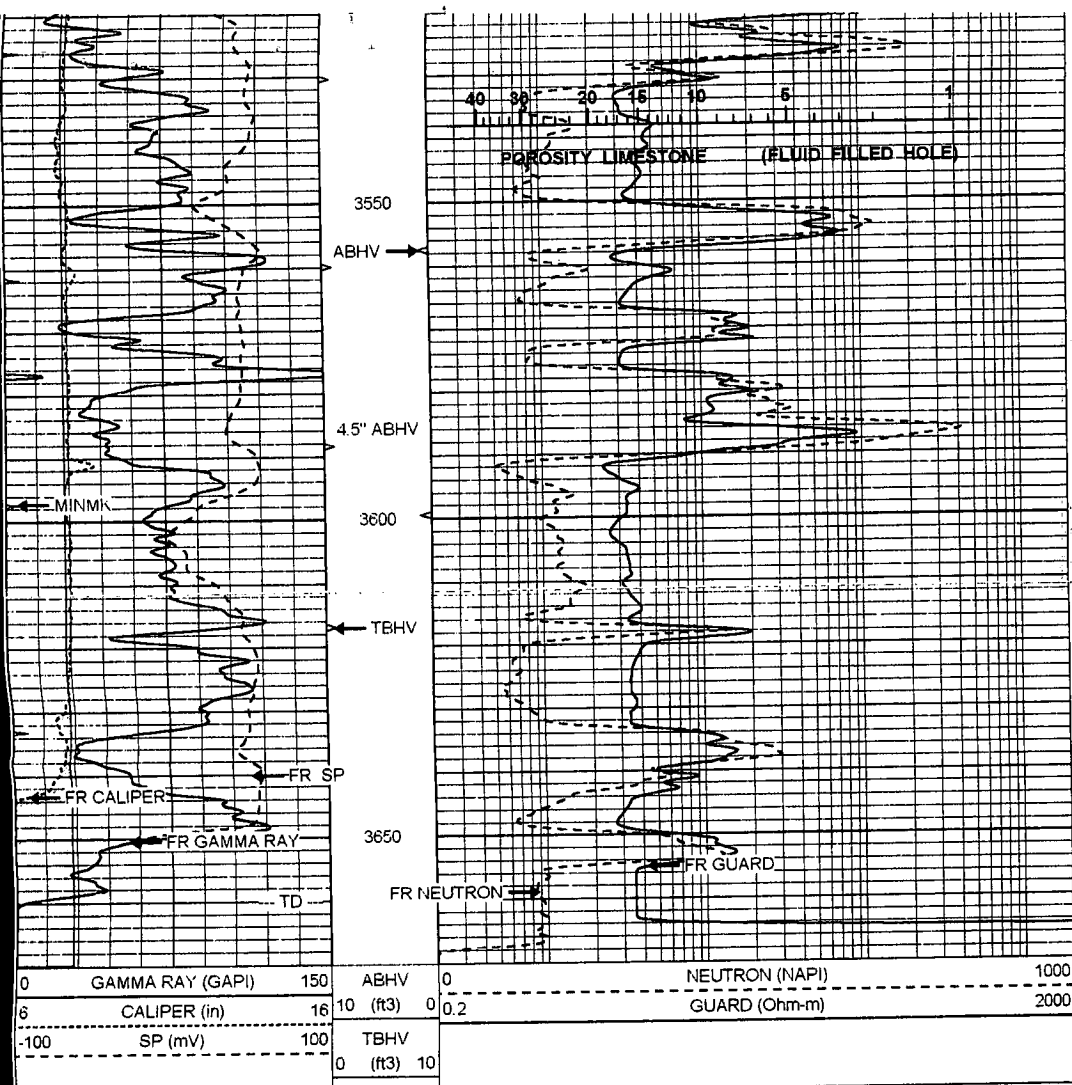
Location: 2310 FSL & 2050 FEL
API #: 15-137-20459
Other Services

SEC 22 TWP 5S RGE 23W
Permanent Datum GROUND LEVEL Elevation 2214
Log Measured From KELLY BUSHING 5 A.G.L.
Drilling Measured From KELLY BUSHING

Elevation
K.B. 2219
D.F. 2214
G.L. 2214

Date	11-12-06
Run Number	ONE
Depth Driller	3680
Depth Logger	3680
Bottom Logged Interval	3689
Top Log Interval	00
Casing Driller	218
Casing Logger	218
Bit Size	7.875
Type Fluid in Hole	CHEMICAL MUD
Density / Viscosity	9.1 / 55
pH / Fluid Loss	11.0 / 7.8
Source of Sample	FLOWLINE
Rm @ Meas. Temp	1.10 @ 70F
Rmf @ Meas. Temp	0.83 @ 70F
Rmc @ Meas. Temp	1.33 @ 70F
Source of Rmf / Rmc	MEASURED
Rm @ BHT	.690 @ 111F
Time Circulation Stopped	2 HOURS
Time Logger on Bottom	111F
Maximum Recorded Temperature	150
Equipment Number	HAYS KS
Location	RUPP
Recorded By	JEFF CHRISTIAN
Witnessed By	



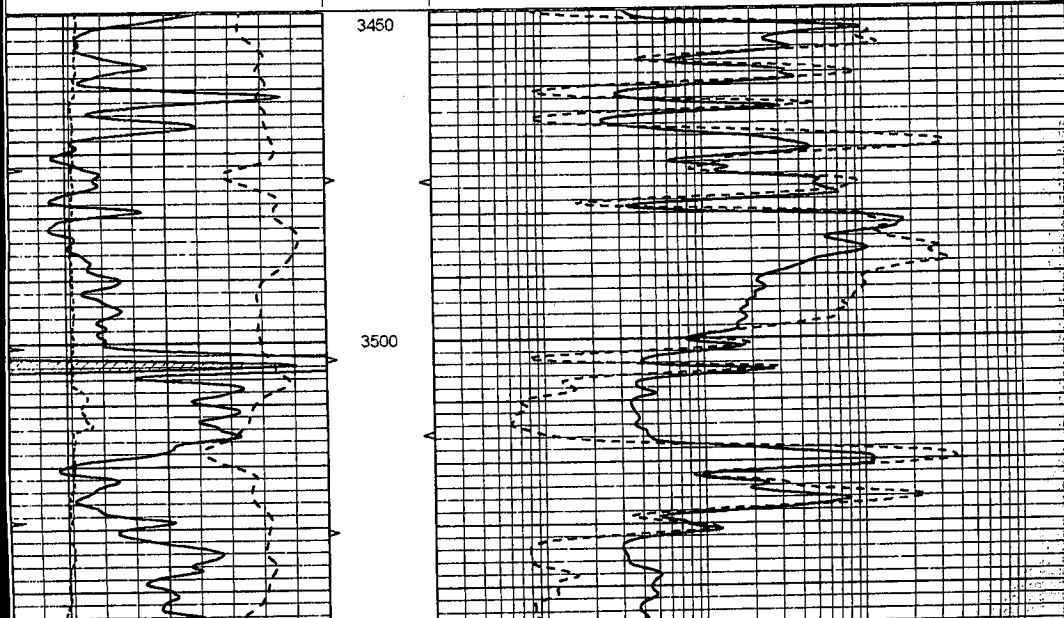


ELI
WIRELINE
SERVICES

REPEAT SECTION

Database File: 27692rag.db
 Dataset Pathname: pass4.1A
 Presentation Format: rag
 Dataset Creation: Sun Nov 12 01:57:03 2006 by Calc Open-Cased 051020
 Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	0	NEUTRON (NAPI)	1000	
6	CALIPER (in)	16	10 (ft3)	0	0.2	GUARD (Ohm-m)	2000
-100	SP (mV)	100	TBHV				
			0 (ft3)	10			



ALLIED CEMENTING CO., INC.

25778

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

SERVICE POINT:

Oakley

DATE <i>11-15-06</i>	SEC. <i>22</i>	TWP. <i>S₂</i>	RANGE <i>23W</i>	CALLED OUT	ON LOCATION <i>10:00 AM</i>	JOB START <i>1:00 PM</i>	JOB FINISH <i>3:00 PM</i>
LEASE <i>Schoben</i>	WELL # <i>22 AD</i>		LOCATION <i>Edmond 4 W 1 3/4 S 1/2 W In</i>		COUNTY <i>Norton</i>	STATE <i>Ks</i>	
OLD OR NEW (Circle one) <i>12</i>							

CONTRACTOR <i>Express Well Service-</i>	OWNER <i>Some</i>
TYPE OF JOB <i>Port collar</i>	
HOLE SIZE _____ T.D. _____	CEMENT AMOUNT ORDERED _____
CASING SIZE <i>4 1/2</i> DEPTH _____	<i>360 sks 60/40 102 6 1/2 Gel 1/4 9/16 Seg 1</i>
TUBING SIZE <i>2 3/8</i> DEPTH <i>1815'</i>	
DRILL PIPE _____ DEPTH _____	
TOOL _____ DEPTH _____	
PRES. MAX _____ MINIMUM _____	COMMON <i>216 sks @ 12.20 2635.20</i>
MEAS. LINE _____ SHOE JOINT _____	POZMIX <i>144 sks @ 6.10 878.40</i>
CEMENT LEFT IN CSG. _____	GEL <i>19 sks @ 16.65 316.35</i>
PERFS. _____	CHLORIDE _____ @ _____
DISPLACEMENT <i>6 1/2 Bbls</i>	ASC _____ @ _____
EQUIPMENT	
PUMP TRUCK CEMENTER <i>Dean</i>	<i>Flt Seal 909 @ 2.00 180.00</i>
# <i>373-281</i> HELPER <i>Fuzzy</i>	@ _____
BULK TRUCK _____	@ _____
# <i>394</i> DRIVER <i>Mike</i>	@ _____
BULK TRUCK _____	@ _____
# _____ DRIVER _____	@ _____
	HANDLING <i>379 sks @ 1.90 720.00</i>
	MILEAGE <i>9 1/2 SK/mile 2899.35</i>
	TOTAL <i>7629.90</i>

REMARKS:

*Pressure Test 1200' OK open Port
Celly Pump had circulation. Mix
360 sks cement had cement circulate
Disp 6 1/2 Bbls. Ran S joints. Reverse
Tub Clean*

Thank You

CHARGE TO: *Ritchie Exploration*

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB _____	<i>1815'</i>	
PUMP TRUCK CHARGE _____		<i>955.00</i>
EXTRA FOOTAGE _____ @ _____		
MILEAGE <i>8.5 miles</i> @ <i>6.00</i>		<i>510.00</i>
MANIFOLD _____ @ _____		
_____ @ _____		
_____ @ _____		
TOTAL		<i>1465.00</i>

PLUG & FLOAT EQUIPMENT

_____ @ _____	
_____ @ _____	
_____ @ _____	
_____ @ _____	
_____ @ _____	
TOTAL	

RECEIVED
KANSAS CORPORATION COMMISSION
FEB 19 2008
CONSERVATION DIVISION
WICHITA, KS

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 _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE *Thomas A. [Signature]*

PRINTED NAME *[Signature]*

ALLIED CEMENTING CO., INC.

28534

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

SERVICE POINT:

Oakley

DATE <i>11-12-06</i>	SEC <i>22</i>	TWP. <i>5 S</i>	RANGE <i>23 W</i>	CALLED OUT	ON-LOCATION <i>9:30 AM</i>	JOB START <i>11:45 AM</i>	JOB FINISH <i>12:15 PM</i>
LEASE <i>Schaben</i>	WELL# <i>22AD</i>	LOCATION <i>Hill City N to Jet, 2W</i>	COUNTY <i>Norton</i>	STATE <i>Kan</i>			
OLD OR NEW (Circle one) <i>NEW</i>					<i>163-6W</i>		

CONTRACTOR *Morfin Drls Co #3* OWNER *Same*

TYPE OF JOB *Production*

HOLE SIZE *7 7/8* T.D. *3660'*

CASING SIZE *4 1/2* DEPTH *3644*

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL *Part Caller* DEPTH *1814'*

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT *19'*

CEMENT LEFT IN CSG. *19'*

PERFS.

DISPLACEMENT *57 3/4 BBL*

EQUIPMENT

PUMP TRUCK CEMENTER *Walt*

102 HELPER *Jarred*

BULK TRUCK

399 DRIVER *Mike*

BULK TRUCK

DRIVER

CEMENT	AMOUNT ORDERED	<i>190 sks 6% per 29 bbl</i>
		<i>10% salt, 3% of 1% CD-31</i>
		<i>500 gal WFR-2</i>
COMMON	<i>114 sks @ 12.20</i>	<i>1,390.80</i>
POZMIX	<i>76 sks @ 6.10</i>	<i>463.60</i>
GEL	<i>3 @ 16.85</i>	<i>49.95</i>
CHLORIDE	@	
ASC	@	
CD-31	<i>122 # @ 7.50</i>	<i>915.00</i>
Salt	<i>16 sks @ 19.20</i>	<i>307.20</i>
WFR-2	<i>500 gal @ 1.00</i>	<i>500.00</i>
HANDLING	<i>211 sks @ 1.90</i>	<i>400.90</i>
MILEAGE	<i>9 per sk/mile</i>	<i>1,614.15</i>
TOTAL		<i>5,641.60</i>

REMARKS:

Pump 500 gal WFR-2

Put 15 sks in RH

Mixed 125 sks Down 4 1/2

Wash out Pump Lines, release Plug

Displace 57 3/4 BBL with 2 700# mix

Landed Plug @ 1100', release Pressure

Float Held Thank You

SERVICE

DEPTH OF JOB		
PUMP TRUCK CHARGE		<i>1,610.00</i>
EXTRA FOOTAGE	@	
MILEAGE	<i>85 miles @ 6.00</i>	<i>510.00</i>
MANIFOLD	@	
Head rental	@	<i>100.00</i>
Rotator rental	@	<i>100.00</i>
TOTAL		<i>2,320.00</i>

CHARGE TO: *Ritchie Explorations*

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

	<i>4 1/2</i>	
1- Guide Shoe	@	<i>125.00</i>
1- AEU insert	@	<i>215.00</i>
5- Turbo Centralizers	@ <i>45.00</i>	<i>225.00</i>
2- Baskets	@ <i>130.00</i>	<i>260.00</i>
1- Part Caller	@ <i>100.00</i>	<i>1,600.00</i>
1- Rubber Plugs	@	<i>55.00</i>
TOTAL		<i>2,480.00</i>

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.

RECEIVED
KANSAS CORPORATION COMMISSION
FEB 19 2008
CONSERVATION DIVISION
TOPEKA, KS

SIGNATURE *[Signature]*

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME

[Signature]

ALLILD CEMENTING CO., INC. 25391

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

SERVICE POINT:
Ogkley

DATE <u>11-6-06</u>	SEC. <u>22</u>	TWP. <u>55</u>	RANGE <u>23W</u>	CALLED OUT	ON LOCATION <u>7:00 PM</u>	JOB START <u>8:30 PM</u>	JOB FINISH <u>9:00 PM</u>
LEASE <u>Schaben 22 AD</u>		WELL# <u>2</u>	LOCATION <u>Norton 5 to Set Hwy 9</u>			COUNTY <u>Norton</u>	STATE <u>KS</u>
OLD OR <input checked="" type="radio"/> NEW (Circle one)				<u>1 1/4 9 w/s</u>			

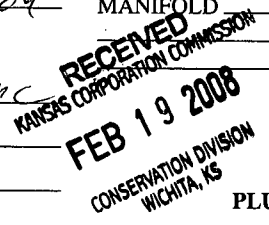
CONTRACTOR <u>Murfin Drlg Rig 3</u>	OWNER <u>Same</u>
TYPE OF JOB <u>Surface</u>	CEMENT
HOLE SIZE <u>12 1/4</u> T.D. <u>223'</u>	AMOUNT ORDERED <u>160 sks com 39 cc 29 cc</u>
CASING SIZE <u>8 7/8</u> DEPTH <u>218</u>	
TUBING SIZE	
DRILL PIPE	
TOOL	
PRES. MAX	COMMON <u>160 sks @ 12.20 1952.00</u>
MEAS. LINE	POZMIX @
CEMENT LEFT IN CSG. <u>15'</u>	GEL <u>3.5 sks @ 16.65 49.85</u>
PERFS.	CHLORIDE <u>6 sks @ 46.60 279.60</u>
DISPLACEMENT <u>13 Bbls</u>	ASC @
EQUIPMENT	
PUMP TRUCK # <u>373-281</u> CEMENTER <u>Dean</u>	
HELPER <u>Andrew</u>	
BULK TRUCK # <u>399</u> DRIVER <u>Lennie</u>	
BULK TRUCK #	
DRIVER	

REMARKS:
Cement did circulate.

Thank you

HANDLING <u>169 sks @ 1.90</u>	<u>321.10</u>
MILEAGE <u>94.52 mile</u>	<u>1292.85</u>
TOTAL	<u>3895.50</u>

CHARGE TO: Ritchie Exploration Inc
STREET _____
CITY _____ STATE _____ ZIP _____



SERVICE

DEPTH OF JOB <u>218'</u>	
PUMP TRUCK CHARGE	<u>815.00</u>
EXTRA FOOTAGE @	
MILEAGE <u>85 mile @ 6.00</u>	<u>510.00</u>
MANIFOLD @	
TOTAL	<u>1325.00</u>

PLUG & FLOAT EQUIPMENT

<u>8 7/8 Surface Plug @</u>	<u>60.00</u>
TOTAL	<u>60.00</u>

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SIGNATURE Kathleen Bell

TAX _____
TOTAL CHARGE _____
DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME _____