

10/8/09

Form ACO-1
September 1999
Form Must Be Typed

ORIGINAL

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 4767
 Name: Ritchie Exploration, Inc.
 Address: P. O. Box 783188
 City/State/Zip: Wichita, KS 67278-3188
 Purchaser: NCRA
 Operator Contact Person: John Niernberger
 Phone: (316) 691-9500
 Contractor Name: _____
 License: _____
 Wellsite Geologist: _____
 Designate Type of Completion:
 _____ New Well _____ Re-Entry Workover
 _____ Oil _____ SWD _____ SLOW _____ Temp. Abd.
 _____ Gas ENHR _____ SIGW
 _____ Dry _____ Other (Core, WSW, Expl., Cathodic, etc)
 If Workover/Re-entry: Old Well Info as follows:
 Operator: Petrochem INC
 Well Name: _____
 Original Comp. Date: 11-29-73 Original Total Depth: 5160
 _____ 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. E-27,194

<u>07/16/2007</u>	<u>07/16/2007</u>	<u>07/27/2007</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

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API No. 15 - 055-20115 - 60 - 01
 County: Finney
 approx. C SE NW Sec. 19 Twp. 25 S. R. 34 East West
3390 1890 feet from S N (circle one) Line of Section
3210 2670 feet from E W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: AJ Brown Well #: 2
 Field Name: Orange J
 Producing Formation: St. Louis
 Elevation: Ground: 2977' Kelly Bushing: 2985'
 Total Depth: 5200' Plug Back Total Depth: 5141'
 Amount of Surface Pipe Set and Cemented at 817 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 WDNJ37609
 (Data must be collected from the Reserve Pit)
 Chloride content _____ ppm Fluid volume _____ bbls
 Dewatering method used _____
 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: 10/08/2007
 Subscribed and sworn to before me this 8th day of October
2007.
 Notary Public: Debra K Phillips
 Date Commission Expires: 5-4-11

DEBRA K. PHILLIPS
Notary Public - State of Kansas
My Appt. Expires

KCC Office Use ONLY

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

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copy to UIC

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CONSERVATION DIVISION
WICHITA, KS

Operator Name: Ritchie Exploration, Inc. Lease Name: AJ Brown Well #: 2
 Sec. 19 Twp. 25 S. R. 34 East West County: Finney

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: R A Guard Log	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum (See Attached Document)
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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		8.625"	24#	817'	Regular & Lite	500	
Production		5.50"	14#	5198'	50/50 Pozmix	125	
***Liner (07/19/2007)		4.50"	10.5#	5070'	60/40 Pozmix	250	2% gel, 1/2% CD-31

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	4643'-4706'	AnGard Gel	3000 gals	03/96
	4575'-4636'	Micro-Matrix Cement	20	03/02

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
3	5116' - 5126' (St. Louis) (11/73)	1000 gals 15% NE/FE (03/96), 500 gals 15% HCL(04/02)	
4	5126' - 5134' (St. Louis) (07/26/07)	1500 gals 15% NE/FE (07/27/07)	

TUBING RECORD		Size <u>2 3/8"</u>	Set At <u>5025'</u>	Packer At <u>5025'</u>	Liner Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. <u>07/27/2007</u>			Producing Method <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 _____

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25243 *19-25-34W*

Dresser Atlas
Gamma Ray Neutron

K.G.S. LIBRARY

FILE NO. COMPANY PETROLEUM, INC.

WELL A. J. BROWN NO. 2 -

FIELD W/C

COUNTY FINNEY STATE KANSAS

LOCATION: C - SE - NW Other Services: SWAN

SEC 19 TWP 25S RGE 34W

Permanent Datum GROUND LEVEL Elev. 2977
Log Measured from KELLY BUSHING 8 Ft. Above Permanent Datum
Drilling Measured from KELLY BUSHING

Elevations: KB 2985 DF 2983 GL 2977

Date 10-27-73
Run No. ONE
Depth-Driller 5160
Depth-Logger 5158
m Logged Interval 5157
ft Logged Interval 0
Casing-Driller 8-5/8 818
Casing-Logger -
Bit Size 7-7/8
Type Fluid in Hole SALT MUD

Density and Viscosity 9.2 52
pH and Fluid Loss 6.0 7.0 cc
Source of Sample FLOW LINE

Rm @ Meas. Temp. .35 @ 61°F
Rmf @ Meas. Temp. .11 @ 125°F
Rmc @ Meas. Temp. .54 @ 125°F

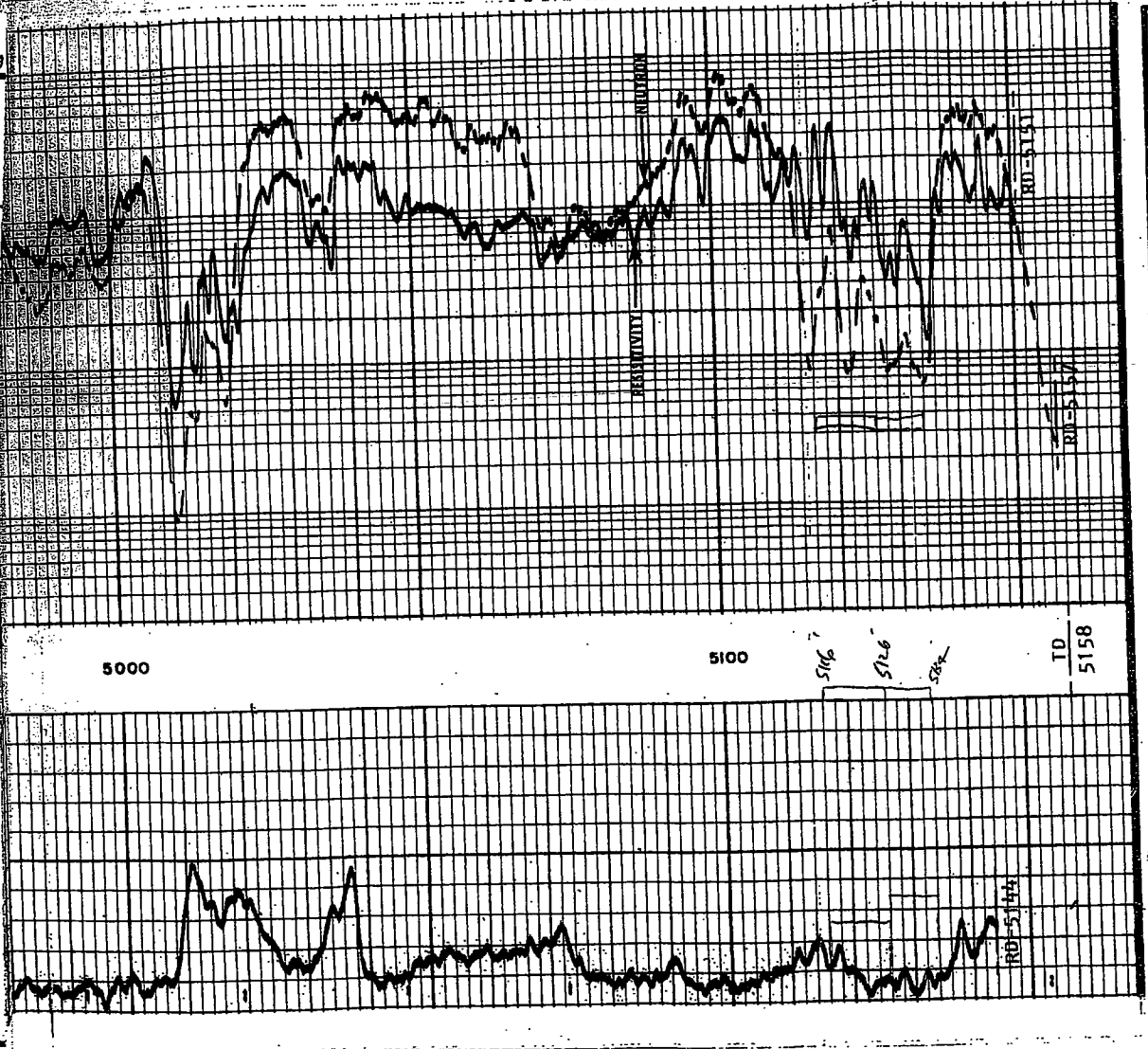
Source of Rmf and Rmc MEAS. CHARTS

Rm @ BHT .17 @ 125°F

Time Since Circ. 3 HRS.
Max. Rec. Temp. Deg. F. 125°F

Equip. No. and Location LL-1004 GB

Recorded By CALAWAY-BARLOW
Witnessed By MR. M. PHILLIPS



ALLIED CEMENTING CO., INC.

28622

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

SERVICE POINT:

ONE OF KS

DATE <u>7-19-07</u>	SEC. <u>19</u>	TWR <u>255</u>	RANGE <u>34W</u>	CALLED OUT	ON LOCATION <u>9:30am</u>	JOB START <u>11:00am</u>	JOB FINISH <u>12:00pm</u>
LEASE <u>AS Brown</u>	WELL # <u>#2</u>	LOCATION <u>Deerfield access tracks</u>			COUNTY <u>Fairfax</u>	STATE <u>KS</u>	
OLD OR NEW (CIRCLE ONE) <u>NEW</u>			+ Bridge 1/2 m east 7 th 2 nd 1/2 SW 1/4				

CONTRACTOR NONE OWNER _____

TYPE OF JOB liner

HOLE SIZE _____ T.D. _____

CASING SIZE 4 1/2 10 1/2 DEPTH 5070

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT 80.61 BBLs

CEMENT

AMOUNT ORDERED 250 SK 60140

290 gel 120919 CD-31

COMMON	<u>150</u>	@ <u>12.60</u>	<u>1890.00</u>
POZMIX	<u>100</u>	@ <u>6.40</u>	<u>640.00</u>
GEL	<u>5</u>	@ <u>16.62</u>	<u>83.10</u>
CHLORIDE		@	
ASC		@	
	<u>CD-31</u>	@ <u>108*</u>	<u>750</u>
		@	<u>810.00</u>
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>257</u>	@ <u>1.90</u>	<u>488.30</u>
MILEAGE	<u>1.09</u>	@ <u>15K/mile</u>	<u>2428.50</u>
TOTAL			<u>6340.30</u>

EQUIPMENT

PUMP TRUCK CEMENTER Fuzzy

102 HELPER Kelly

BULK TRUCK

218 DRIVER Alvin

BULK TRUCK

_____ DRIVER _____

REMARKS:

Establish circulation mix 250g/gas cement wash out pump lines Displace plus to float shoe

4 1/2 Press 800#

Land Press 1250#

float held

plus down to 12:00pm

THANKS Fuzzy & crew

CHARGE TO: Ritchie Exploration

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____ 1840.00

EXTRA FOOTAGE @ _____

MILEAGE 1.05 @ 6.00 630.00

MANIFOLD & head @ _____ 100.00

TOTAL 2570.00

PLUG & FLOAT EQUIPMENT

4 1/2 float shoe @ 285.00

1 Rubber plug @ 45.00

TOTAL 330.00

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.

SIGNATURE Gay Brown

TAX _____

TOTAL CHARGE _____

DISCOUNT _____

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