

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 4767
Name: Ritchie Exploration, Inc.
Address 125 N. Market, Suite 1000
City/State/Zip Wichita, KS 67202
Purchaser: N. C. R. A.
Operator Contact Person: Lisa Thimmesch
Phone (316) 267-4375

RELEASED

FEB 6 1997

26-97

Wellsite Geologist: _____
Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD SLOW Temp. Abd.
 Gas EXHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: A. Scott Ritchie
Well Name: #1 Petracek
Comp. Date 10-77 Old Total Depth 3695
 Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PSTD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____
8-21-95 10-16-95
Spud Date Date Reached TD Completion Date

API NO. 15- 039-20,3970001 ORIGINAL
County Decatur
SE. SE. NE Sec. 23 Twp. 4 Rge. 27W
2970 Feet from S/W (circle one) Line of Section
330 Feet from E/W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)
Lease Name Petracek Well # 1
Field Name _____
Producing Formation L/KC
Elevation: Ground 2255 KB _____
Total Depth 3695 PBTD 3618.53
Amount of Surface Pipe Set and Cemented at _____ Feet
Multiple Stage Cementing Collar Used? Yes No
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.
Drilling Fluid Management Plan owwo + 2-96
(Data must be collected from the Reserve Pit) re
Chloride content 20 ppm Fluid volume _____ bbls
Dewatering method used AI
Location of fluid disposal if hauled offsite: RECEIVED
KANSAS CORPORATION COMMISSION
12-21-95
Operator Name KCC
Lease Name 20 License No. _____
Quarter 20 Sec. 23 Twp. _____
County CON Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 on 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 [Signature]
Title President Date 12/20/95
Subscribed and sworn to before me this 20th day of Dec
19 95
Notary Public Lisa Thimmesch
Date Commission Expires _____

LISA THIMMESCH
NOTARY PUBLIC
STATE OF KANSAS
My Appl. Exp. 8-21-99

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SWD/Rep XGPA
 KGS Plug Other
(Specify)

Operator Name Ritchie Exploration, Inc.

Lease Name Petracek

Well # 1

Sec. 23 Twp. 4 Rge. 27W

East
 West

County Decatur

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken Yes No
(Attach Additional Sheets.)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
(Submit Copy.)

List All E.Logs Run:

Log Formation (Top), Depth and Datum Sample
Name Top Datum

CASING RECORD

New 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

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate				
<input checked="" type="checkbox"/> Protect Casing	1698' - 2092'	Common	470	2% CC
<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

TUBING RECORD Size 2 3/8" n Set At 3612' Packer At NA Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 10-16-95 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil 3 1/5 Bbls. Gas Mcf Water 106 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

TELEPHONE:

AREA CODE 913 483-2627
AREA CODE 913 483-3887

ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31
RUSSELL, KANSAS 67665

ORIGI

2003

TO: Ritchie Exploration

CONFIDENTIAL

RELEASED

INVOICE NO. 6

125 N. Market #1000

FEB

6 1997

PURCHASE ORDER NO.

Wichita, KS 67292

FROM **CONFIDENTIAL**

LEASE NAME P

DATE 10-1

SERVICE AND MATERIALS AS FOLLOWS:

- Work order u. pr - SQZ CASING LEAK

Common 120 sks @\$7.20	\$864.00
Chloride 3 sks @\$28.00	84.00
Sand 1 sk @\$5.25	<u>5.25</u>

Handling 120 sks @\$1.05	126.00
Mileage (57) @\$.04¢ per sk per mi	273.60
Squeeze	1,030.00
Mi @\$2.35 pmp trk chg	<u>133.95</u>

DEC 20

CONFIDENTIAL

Sales tax

Total 6400.270

OCT 95

1014500 3800/70

RECEIVED

KANSAS CORPORATION COMMISSION

If Account CURRENT a Discount of \$ 503.36 will be Allowed ONLY if Paid Within 30 Days from Date of Invoice.

Thank You!

DEC 21 1995

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1½% Charged Thereafter.

CONSERVATION DIVISION
WICHITA, KS

ALLIED CEMENTING CO., INC.

3346

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

SERVICE POINT:

Russell

DATE <u>9-28-95</u>	SEC <u>23</u>	TWP <u>4</u>	RANGE <u>27</u>	CALLED OUT <u>8:00 AM</u>	ON LOCATION <u>10:00 AM</u>	JOB START	JOB FINISH <u>6:45 PM</u>
LEASE <u>Petroleum</u>	WELL #	LOCATION <u>4N 3W Jennings</u>	COUNTY <u>Decatur</u>	STATE <u>Ks</u>			

 OLD OR NEW (Circle one)

CONTRACTOR <u>Pad's well Service</u>	OWNER
TYPE OF JOB <u>Squeeze</u>	CEMENT
HOLE SIZE	T.D.
CASING SIZE <u>4 1/2</u>	DEPTH
TUBING SIZE <u>2 3/8</u>	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	

CONFIDENTIAL

AMOUNT ORDERED	
<u>2500 lb Com 2% CC</u>	
COMMON <u>2.50</u>	@ <u>72°</u> <u>1800°</u>
POZMIX	@
GEL	@
CHLORIDE <u>7</u>	@ <u>28°</u> <u>196°</u>
	@
	@
	@
	@
	@
	@
HANDLING <u>2.50</u>	@ <u>1.05</u> <u>262.50</u>
MILEAGE <u>44 / 50 / mile</u>	<u>520°</u>
TOTAL <u>2778.50</u>	

EQUIPMENT

PUMP TRUCK	CEMENTER <u>Bill</u>
# <u>191</u>	HELPER <u>DAVE</u>
BULK TRUCK	
#	DRIVER
BULK TRUCK	
# <u>218</u>	DRIVER <u>Jason</u>

RELEASED FEB 6 1997 FROM CONFIDENTIAL

REMARKS:

Plug c 3400' Test 1700' OK
Top hole c 1698-1729 Frj Rate 3 BPM 100'
Bottom hole 2061-92 Frj Rate 2 BPM 300'
Packer set c 1606 - Com. w/ 2500 lb Com
2% CC Squeeze to 1000 PSI
Pull checks, proots 100' shut-in

SERVICE

DEPTH OF JOB <u>2092</u>	<u>1030°</u>
PUMP TRUCK CHARGE	
EXTRA FOOTAGE	@
MILEAGE <u>52</u>	@ <u>2.35</u> <u>122.20</u>
PLUG	@
	@
	@

CHARGE TO: Ritchie Epton, Inc.
STREET 125 N. Market # 1000
CITY Wichita STATE Ks ZIP 67202

SEP 9 5

1 0 1 4 4 0 TOTAL 1152.20**FLOAT EQUIPMENT**

	@
	@
	@
	@
	@
TOTAL	

TAX	
TOTAL CHARGE	
DISCOUNT	IF PAID IN 30 DAYS

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 [Signature]RECEIVED
KANSAS CORPORATION COMMISSION

DEC 21 1995

CONSERVATION DIVISION
WICHITA, KS

ALLIED CEMENTING CO., INC.

4003

ORIGINAL

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

SERVICE POINT:

Oakley

DATE <u>10-4-95</u>	SEC. <u>23</u>	TWP. <u>4^s</u>	RANGE <u>27</u>	CALLED OUT	ON LOCATION <u>8:30 AM</u>	JOB START	JOB FINISH <u>2:30 PM</u>
LEASE <u>Petracok</u>	WELL # <u>1</u>	LOCATION <u>Jennings 1N-14W-1/2S</u>			COUNTY <u>Decatur</u>	STATE <u>Kan</u>	

OLD OR NEW (Circle one)

CONFIDENTIAL

CONTRACTOR <u>Paul's Well Service</u>	OWNER <u>Same</u>
TYPE OF JOB <u>Squeeze</u>	CEMENT
HOLE SIZE _____ T.D. _____	AMOUNT ORDERED <u>225 - sks com</u>
CASING SIZE <u>4 1/2"</u> DEPTH _____	<u>5-CC</u>
TUBING SIZE <u>2"</u> DEPTH <u>2092</u>	<u>(used 110 sks)</u>
DRILL PIPE _____ DEPTH _____	COMMON <u>110 sks</u> @ <u>720</u> <u>792⁰⁰</u>
TOOL <u>X-Port</u> DEPTH _____	POZMIX @ _____
PRES. MAX _____ MINIMUM _____	GEL @ _____
MEAS. LINE _____ SHOE JOINT _____	CHLORIDE <u>5 sks</u> @ <u>28⁰⁰</u> <u>140⁰⁰</u>
CEMENT LEFT IN CSG. _____	RELEASED
PERFS. <u>Bottom Hole @ 2060-92, Top Hole @</u>	FEB 6 1997

EQUIPMENT	
PUMP TRUCK CEMENTER <u>Walt</u>	FROM CONFIDENTIAL
# <u>191</u> HELPER <u>Wayne</u>	
BULK TRUCK DRIVER <u>Dean</u>	
# <u>218</u> DRIVER _____	
BULK TRUCK DRIVER _____	

HANDLING <u>225 sks</u> @ <u>105</u> <u>236²⁵</u>
MILEAGE <u>4¢ per sk/mile</u> <u>513⁰⁰</u>
TOTAL <u>1,681²⁵</u>

REMARKS:

Found bottom hole @ 2060-92, pressure to 1000 psi, bleed off to 500 psi, spotted 10 sks over bottom hole, pulled tubing to top hole @ 1720-51, bak rate @ 2 BPM @ 900 psi, mixed 100 sks com 2% CC displaced 7 BBL water, squeezed to 1000 psi, cleared tubing, set on squeeze

SERVICE

DEPTH OF JOB <u>2092'</u>
PUMP TRUCK CHARGE <u>1,030⁰⁰</u>
EXTRA FOOTAGE @ _____
MILEAGE <u>57 - miles</u> @ <u>2³⁵</u> <u>133⁹⁵</u>
PLUG @ _____
TOTAL <u>1,163⁹⁵</u>

CHARGE TO: Ritchie Explorations
STREET 125 N Market # 1000
CITY Wichita STATE Kan ZIP 67202

FLOAT EQUIPMENT

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

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SIGNATURE [Signature]

RECEIVED KANSAS CORPORATION COMMISSION

DEC 21 1995

CONSERVATION DIVISION WICHITA, KS