

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

CONFIDENTIAL

RECEIVED

NOV 04 2002

ORIGINAL

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 C. Niemberger

Phone: (316) 691-9500 **KCC**

Contractor: Name: _____

License: _____ **NOV 01 2002**

Wellsite Geologist: _____

Designate Type of Completion: **CONFIDENTIAL**

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: Imperial Oil Company **RELEASED**

Well Name: Cheney **JAN 04 2003**

Original Comp. Date: 9/27/67 Original Total Depth: 4396 **CONFIDENTIAL**

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. ran casing liner

7/30/02 8/25/02

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 083-20017-00-02

County: Hodgeman

SW NE NE SE Sec. 2 Twp. 21 S. R. 26 East West

3194 feet from S / N (circle one) Line of Section

554 feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW

Lease Name: Cheney "P" Well #: 1

Field Name: Buda SE

Producing Formation: Mississippian

Elevation: Ground: 2417 Kelly Bushing: 2422

Total Depth: 4391 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at 275 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 1623 Feet

If Alternate II completion, cement circulated from 1623

feet depth to surface w/ 500 sx cmt.

Drilling Fluid Management Plan Watters 11-7-02
(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: [Signature]

Title: Production Manager Date: 11/1/02

Subscribed and sworn to before me this 1st day of November

2002

Notary Public: Karen Hopper

Date Commission Expires: _____

KAREN HOPPER
Notary Public - State of Kansas
My Appt. Expires 10/27/03

KCC Office Use ONLY

YES Letter of Confidentiality Attached
If Denied, Yes Date: _____

NO Wireline Log Received

NO Geologist Report Received

____ UIC Distribution

Operator Name: Ritchie Exploration Lease Name: Cheney "P" Well #: 1
 Sec. 2 Twp. 21 S. R. 26 East West County: Hodgeman

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 *N/A with original ACO-1* 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:

No electric logs ran

Log Name	Formation (Top), Depth and Datum	Sample Top Datum
See driller's log attached		

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
Surface	12 1/4"	8 5/8"		275		200	
Production	7 7/8"	5 1/2"	14#	4383		125	
Casing Liner	*NEW*	4 1/2"	10.35#	4203		305	65/35poz 2%gel

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	Hole @3237	Common	300	2% cc (7/96)
<input checked="" type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone	4391' 4396'	Resin	5	(8/67)

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
	OH @ 4383' - 4391'	1000 gal 15% (8/67)	

TUBING RECORD		Size	Set At	Packer At	Liner Run		
		2 3/8"	4388'		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Date of First, Resumed Production, SWD or Enhr.			Producing Method				
8/25/02			Flowing		<input checked="" type="checkbox"/> Pumping	Gas Lift	Other (Explain)
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity		
	5.16		37.84				

Disposition of Gas Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled _____
 (If vented, Sumit ACO-18.) Other (Specify) _____

CONFIDENTIAL

IMPERIAL OIL OF KANSAS, INC.
Well Completion Report

ORIGINAL

Cheney Lease. Well No. 1
Loc. C NE SE Sec. 2 Twp 21S Rge 26W
County Hodgeman State Kansas
Pool Wildcat

Spud Date 7-25-
Rotary Completed 8-5-6
Completion Date 8-24-
Potential BOPD. 50%
Gravity
Accum. Production
to

Surface casing set at 8 5/8" at 275' with 200 Sacks
Production casing set at 5 1/2" at 4383' with 125 Sacks
Rotary total depth 4391'

Formation Tops:
Elevation: 2420 K.B.

	Sample
Anhydrite	1605 (7 815)
Heebner	3711 (-1291)
Toronto	3731 (-1311)
Lansing	3757 (-1337)
Base Kansas City	4150 (-1730)
Harmaton	4172 (-1752)
Fort Scott	4240 (-1820)
Cherokee Shale	4271 (-1851)
Cherokee Lime	4279 (-1859)
Conglomerate	4357 (-1937)
Mississippi Dolo.	4381 (-1961)
Rotary Total Depth	4391 (-1971)

RECEIVED

NOV 04 2002

KCC WICHITA

KCC

NOV 01 2002

CONFIDENTIAL

RELEASED

JAN 04 2005

FROM CONFIDENTIAL

ALLIED CEMENTING CO., INC. 13180

CONFIDENTIAL

ORIGINAL

REMIT TO P.O. BOX 3
RUSSELL, KANSAS 67665

SERVICE POINT:

New City

DATE <u>8-20-02</u>	SEC <u>2</u>	TWP. <u>21</u>	RANGE <u>26</u>	CALLED OUT <u>5:00AM</u>	ON LOCATION <u>9:00AM</u>	JOB START <u>1:00 PM</u>	JOB FINISH <u>2:00 PM</u>
LEASE <u>Cheney</u>		WELL # <u>P-1</u>		LOCATION <u>New City 13S, 13W, 1/4N, 1/2S</u>		COUNTY <u>Hodgeman</u>	STATE <u>Ks</u>
OLD OR NEW (Circle one)							

CONTRACTOR Levin Arq Service OWNER Same
TYPE OF JOB Circulate Cement

HOLE SIZE _____ T.D. _____ CEMENT _____
CASING SIZE 4 1/2" DEPTH _____ AMOUNT ORDERED 50 lbs 6/40 690111,
TUBING SIZE 2" DEPTH 352 **RELEASED** _____
DRILL PIPE _____ DEPTH _____ (used 40 lbs)
TOOL _____ DEPTH _____

PRES. MAX 200 # MINIMUM _____ COMMON 24 @ 6.65 159.60
MEAS. LINE _____ SHOES JOINED _____ POZ MIX 8 @ 3.55 28.40
CEMENT LEFT IN CSG. _____ GEL 2 @ 10.00 20.00
~~REFS. SPLIT in 4 1/2" lines - 346'-352'~~ CHLORIDE _____ @ _____
DISPLACEMENT 5 bbls _____ @ _____

EQUIPMENT _____
PUMP TRUCK CEMENTER Tom D _____
224 HELPER Bob B _____
BULK TRUCK _____ HANDLING 5.3 @ 1.10 58.30
357 DRIVER Lannie M. _____ MILEAGE 26 @ Min 100.00
BULK TRUCK _____ RECEIVED _____ TOTAL \$ 366.30
_____ DRIVER _____

REMARKS:
Found split in 4 1/2" lines @ 346'-352'
Set Bridge Plug @ 1000'. Spotted 2 lbs
Sand on Bridge Plug. Pulled tubing.
Hooked to 4 1/2" csg. Broke circulation.
Mixed 40 lbs 6/40 690111 & circulated
Cement to surface. Released plug &
displaced to 310'. Max Pres 200 #.
Shut in 100 #.

NOV 01 2002
KCC WICHITA SERVICE
DEPTH OF JOB 352'
PUMP TRUCK CHARGE _____ 580.00
EXTRA FOOTAGE _____ @ _____
MILEAGE 26 @ 3.00 78.00
PLUG 1-4 1/2" twp _____ @ 40.00 40.00
_____ @ _____
_____ @ _____

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

FLOAT EQUIPMENT

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.

TOTAL \$ 698.00
TAX -0-
TOTAL CHARGE \$ 1064.30
DISCOUNT \$ 106.43 IF PAID IN 30 DAYS

SIGNATURE X B J D

PRINTED NAME _____

Net \$ 957.87

CONFIDENTIAL

ORIGINAL

KCC

NOV 01 2002

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

SERVICE TO: Ness City

CONFIDENTIAL

DATE <u>08-14-02</u>	SEC. <u>2</u>	TWP. <u>21S</u>	RANGE <u>26W</u>	CALLED OUT <u>9:30/AM</u>	ON LOCATION <u>1:00/PM</u>	JOB START <u>2:45</u>	JOB FINISH <u>4:30/PM</u>
LEASE <u>HEWLEY</u>		WELL # <u>P-1</u>	LOCATION <u>Ness City 13S 13E 1/2 1/2 1/4</u>		COUNTY <u>WENDELL</u>	STATE <u>KS</u>	

CONTRACTOR LEON'S WELL SERVICE OWNER RITCHIE

TYPE OF JOB	CEMENT
HOLE SIZE <u>5 1/2"</u> T.D. <u>4205'</u>	AMOUNT ORDERED <u>26SAL 60/40 PZ</u>
CASING SIZE <u>4 1/2"</u> DEPTH <u>4204'</u>	<u>296 GAL</u>
TUBING SIZE DEPTH	<u>CONCRETE-31</u>
DRILL PIPE <u>BRIDGE DRUG</u> DEPTH <u>4208</u>	
TOOL DEPTH	
PRES. MAX <u>3500</u> MINIMUM	COMMON <u>159AL</u> @ <u>6.65</u> <u>1057.35</u>
MEAS. LINE ✓ SHOE JOINT	POZMIX <u>106AL</u> @ <u>3.55</u> <u>376.30</u>
CEMENT LEFT IN CSG.	GEL <u>5AL</u> @ <u>10.00</u> <u>50.00</u>

PERFS. _____

DISPLACEMENT 61 out 66 3/4 **RELEASED** 46A-31 57# @ 5.00 313.50

EQUIPMENT	JAN 04 2003		
PUMP TRUCK # <u>224</u>	CEMENTER <u>BUN</u>	HELPER <u>TIM</u>	HANDLING <u>271</u> @ <u>1.10</u> <u>298.10</u>
BULK TRUCK # <u>360</u>	DRIVER <u>BURR</u>		MILEAGE <u>24</u> @ <u>11.67</u> <u>281.84</u>
BULK TRUCK # _____	DRIVER _____		TOTAL \$ <u>2377.00</u>

REMARKS:

4 1/2" ID.S # LINED RUN TO 4204'
PUMPED CASING VOLUME + 5 BLS
1000 to 1100 # @ 13.5 MIN
MIXED 26SAL 60/40 TOP 296 GAL
CONCRETE # FRICTION REMOVED (DISPLACED)
DRUG 3829' (61 BLS) CSG BURST
WIRE LINE HUNG IN HOLE - CEMENT
STARTED TO COME AROUND - HOLE STOPPED
FULL IN CSG + ANULLIS

DEPTH OF JOB <u>4204'</u>	
PUMP TRUCK CHARGE	<u>1195.00</u>
EXTRA FOOTAGE @	
MILEAGE <u>26</u> @ <u>3.00</u>	<u>78.00</u>
PLUG <u>1-Top 4 1/2" BSI</u> @ <u>48.00</u>	<u>48.00</u>
TOTAL	\$ <u>1321.00</u>

CHARGE TO: RITCHIE EXPLORATION

STREET 8100 E. 22ND ST W. BLDG 700

CITY WICHITA STATE KS ZIP 67226

FLOAT EQUIPMENT

<u>float</u>	
<u>Guide Shoe</u> @ <u>290.00</u>	<u>290.00</u>
TOTAL	\$ <u>290.00</u>

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 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	<u>3988.09</u>
DISCOUNT <u>398.81</u>	IF PAID IN 30 DA

SIGNATURE Bennie Pills

PRINTED NAME

Net \$ 3589.28