

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

API NO. 15- 179-21,068-0000
County Sheridan
SW- NW- NW Sec. 35 Twp. 10 Rge. 30W

ORIGINAL

CONFIDENTIAL

Operator: License # 4767
Name: Ritchie Exploration, Inc.
Address 125 N. Market, Suite 1000

990 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)

City/State/Zip Wichita, KS 67202

Lease Name Holdforth Well # 1

Purchaser: NA

Field Name _____

Operator Contact Person: Lisa Thimmesch

Producing Formation NA

Phone (316) 267-4375

Elevation: Ground 2931 KB 2936

Contractor: Name: White & Ellis

Total Depth 4630 PBTD _____

License: 5420

Amount of Surface Pipe Set and Cemented at 248 Feet

Wellsite Geologist: Jeff Christian

Multiple Stage Cementing Collar Used? _____ Yes _____ No

Designate Type of Completion
 New Well _____ Re-Entry _____ Workover _____

If yes, show depth set _____ Feet

_____ Oil _____ SWD _____ S10W _____ Temp. Abd.
_____ Gas _____ ENHR _____ S16W
 Dry _____ Other (Core, WSW, Expl., Cathodic, etc)

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

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

Drilling Fluid Management Plan D&A 27 11-28-94
(Data must be collected from the Reserve Pit)

Operator: _____

Chloride content 800 ppm Fluid volume 870 bbls

Well Name: _____

Dewatering method used evaporation

Comp. Date _____ Old Total Depth 1111 6

Location of fluid disposal if hauled offsite: _____

_____ Deepening _____ Re-perf. _____
_____ Plug Back _____
_____ Commingled _____ Docket No. _____
_____ Dual Completion _____ Docket No. _____
_____ Other (SWD or Inj?) _____ Docket No. _____

Operator Name _____

Lease Name _____ License No. _____

5-19-94 5-27-94 5-27-94
Spud Date Date Reached TD Completion Date

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W _____

County 5 1996 Docket No. _____

PLEASE KEEP THIS INFORMATION CONFIDENTIAL

FROM CONFIDENTIAL

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 CERTIFICATE TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporary prepared 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 6/16/94

Subscribed and sworn to before me this 16th day of June 19 94.

Notary Public [Signature]

Date Commission Expires _____

LISA THIMMESCH
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp 3-29-95

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

Operator Name Ritchie Exploration, Inc. Lease Name Holdforth Well # 1

Sec. 35 Twp. 10 Rge. 30W

East
 West

County Sheridan

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
See attached sheet

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	24#	248	60/40 poz	170	2% gel 3% CC

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

PLEASE KEEP THIS INFORMATION CONFIDENTIAL

TUBING RECORD: Set At Packer At Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. D & A Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil N/A Bbls. Gas N/A Mcf Water N/A 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 _____

STATE CORPORATION COMMISSION OF KANSAS
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CONFIDENTIAL
CONFIDENTIAL

APR 15- 179-21,068
County Sheridan
SW- NW- NW- Sec. 35 Twp. 10 Rge. 30W E

COPY

Operator: License # 4767

Name: Ritchie Exploration, Inc.

Address 125 N. Market, Suite 1000

City/State/Zip Wichita, KS 67202

Purchaser: NA

Operator Contact Person: Lisa Thimmesch

Phone (316) 267-4375

Contractor: Name: White & Ellis

License: 5420

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: White & Ellis

Well Name: JUN 6

Comp. Date 5-19-94 Old Total Depth 5-27-94

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PSTD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

5-19-94 5-27-94 5-27-94
Spud Date Date Reached TD Completion Date

990 Feet from SW (circle one) Line of Section

330 Feet from E/W (circle one) Line of Section

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Field Name _____

Producing Formation NA

Elevation: Ground 2931 KB 2936

Total Depth 4630 PSTD _____

Amount of Surface Pipe Set and Cemented at 248 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 D&A 8/11-28-94
(Data must be collected from the Reserve Pit)

Chloride content 800 ppm Fluid volume 870 bbls

Dewatering method used evaporation

Location of fluid disposal if hauled offsite: _____

PLEASE KEEP THIS INFORMATION CONFIDENTIAL

Operator Name _____

Lease Name _____ License No. _____

Quarter Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ 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 6/16/94

Subscribed and sworn to before me this 16th day of June 19 94.

Notary Public Lisa Thimmesch

Date Commission Expires _____

LISA THIMMESCH
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 3-2-95

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution JUN 17 1994
 KCC SVD/Reg
 KGS PLUG
STATE CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
Wichita, Kansas

RITCHIE EXPLORATION, INC.

125 N. Market - Suite 1000

Wichita, Kansas 67202-1775

316-267-4375 FAX 316-267-3026

#1 Holdforth

SW NW NW

Section 35-10S-30W

Sheridan County, Kansas

API# 15-179-21,068-00-00

Elevation: 2931' G.L. 2936' K.B.

ORIGINAL

CONFIDENTIAL

SAMPLE TOPS

Anhydrite	2480' (+ 456)
B/Anhy	2514' (+ 422)
Topeka	3752' (- 816)
Heebner	3971' (-1035)
Lansing	4007' (-1071)
Stark	4224' (-1288)
B/KC	4282' (-1346)
Marmaton	4314' (-1378)
Pawnee	4412' (-1476)
Myrick Sta	4464' (-1528)
Fort Scott	4490' (-1554)
Cherokee	4518' (-1582)
Johnson zn	4568' (-1632)
Mississippi	4612' (-1676)
RTD	4630' (-1694)

DST #1 from 4252' to 4285' (L/KC "L" zone). Recovered 5' of mud.

IFP:48-48#/30"; ISIP:866#/30";

FFP:48-48#/30"; FSIP:611#/30".

DST #2 from 4394' to 4582' (Pawnee to Johnson zn). Recovered 210' mud, no show of oil.

IFP:77-96#/15"; ISIP:1798#/15";

FFP:135-135#/15"; FSIP:1640#/15".

No electric log run.

RELEASED

JUL 15 1996

FROM CONFIDENTIAL

RJC

JUN 16

CONFIDENTIAL

PLEASE KEEP THIS INFORMATION CONFIDENTIAL

RECEIVED STATE CORPORATION COMMISSION

JUN 17 1994

CONSERVATION DIVISION Wichita, Kansas

Russell, KS
793-5861, Great Bend, KS

15-179-21068-00-00
Phone 913-625-5516, Hays, KS
Phone 913-672-3471, Oakley, KS

Phone 316-886-5926, Medicine Lodge, KS
Phone 913-798-3843, Ness City, KS

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

7635

ORIGINAL

new

Date	5-19-94	Sec.	35	Fwp.	10	Range	30	Called Out	5:45 PM	On Location	7:00 PM	Job Start		Finish	Midnight
Lease	Hold Earth	Well No.	1	Location		Grinnell 14-1N-4W-4N		County	Sheridan	State	Kan				
Contractor	White + Ellis Drly #														
Type Job	Surface														
Hole Size	12 1/4	T.D.	249'												
Csg.	8 5/8	Depth	248'												
Tbg. Size		Depth													
Drill Pipe		Depth													
Tool		Depth	CONFIDENTIAL												
Cement Left in Csg.	15'	Shoe Joint													
Press Max.		Minimum													
Meas. Line		Displace	15 BBL												
Perf.															

EQUIPMENT

No.	Cementer	
Pumptrk 191	Helper	Walt
No.	Cementer	RELEASED
Pumptrk	Helper	Wayne
	Driver	JUL 15 1996 R. G.
Bulktrk 212		
Bulktrk		CONFIDENTIAL

DEPTH of Job

Reference:	Pumptruck	430.00
	235 per mile	2925
	8 5/8 Surface Plus	42.00
	Sub Total	
	Tax	
	Total	501.25

Remarks:

Cement Die Circ.

Owner
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 listed.

Charge To
Ritchie Exploration Inc
Street 125 N Market # 1000
City Wichita State Kan 67202
The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No. *nil*

X *Steve Pulley* JUN 6
CEMENT

Amount Ordered 170 SKs 6 3/4 per 3% CC - 2% bel
CONFIDENTIAL

Consisting of

Common	102	SKs @ 6.85	698.70
Poz. Mix	68	SKs @ 3.00	204.00
Gel.	3	SKs @ 9.00	27.00
Chloride	5	SKs @ 25.00	125.00
Quickset			

Handling 1.00 per SK 170.00

Mileage 40 per SK mile 88.40
133 miles MAY 94

Sub Total 10121.33 1313.10

Total

Floating Equipment

Copey H.T. 6-1-94 RECEIVED
STATE CORPORATION COMMISSION
JUN 17 1994
CONSERVATION DIVISION
Wichita, Kansas

Mark

15-179-21068-00-00

1, Russell, KS
3861, Great Bend, KS

Phone 913-625-5516, Hays, KS
Phone 913-672-3471, Oakley, KS

Phone 316-886-5926, Medicine Lodge, KS
Phone 913-798-3843, Ness City, KS

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

7618

ORIGINAL

Date	5-27-94	Sec.	35	Twp.	10	Range	30W	Called Out		On Location	1:30 PM	Job Start	2:20 AM	Finish	4:30 PM
Lease	Holdforth		Well No.	1		Location	GRINNELL, 1W-1 1/2 N		County	SHERIDAN		State	KS		

Contractor	WHITE & ELLIS		
Type Job	PTA		
Hole Size	7 7/8	I.D.	4630
Csg.		Depth	
Tbg. Size		Depth	
Drill Pipe	4 1/2	Depth	2475
Tool		Depth	
Cement Left in Csg.		Shoe Joint	
Press Max.		Minimum	
Meas Line		Displace	✓
Perf.			

Owner SAME
To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cement and helper to assist owner or contractor to do work as listed.

Charge To RITCHEE EXPLORATION INC.
Street 125 N Market # 1000
City Wichita State Kansas
The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No. x Donald G. Daniel **CONFIDENTIAL**

EQUIPMENT

No.	Cementer	TERRY
Pumptrk 300	Helper	TERRY WAIT
No.	Cementer	
Pumptrk	Helper	
	Driver	WAYNE
Bulktrk 212		
Bulktrk	Driver	

CEMENT

Amount Ordered	190 SKS 60/40 6 7/8 GEL 1/4 Flo-seal	
Consisting of		
Common	114 SKS @ 2 6 95	780 90
Poz. Mix	76 SKS @ 3 00	228 00
Gel.	10 SKS @ 9 00	90 00
Chloride		
Quickset		
Flo-Seal	48# @ 1 10	52 80
Handling	1 00 per SK	190 00
Mileage	4¢ per SK/mile	98 80
	13 mil.	
	(copy) T. H. H. 6.8.94	
	JUN 16	
Sub Total		1,440 50
Total		

DEPTH of Job

Reference:	Pump Truck	525 00
	1- 8 5/8 DAY Hole plug	21 00
	2.25 PER MILE	29 25
	Sub Total	
	Tax	
	Total	575 25

Remarks: 25 SKS AT 2475'
700 SKS AT 1580'
40 SKS AT 290'
10 SKS AT 40'
15 SKS RAT HOLE

Floating Equipment **RELEASED** **CONFIDENTIAL**
RECEIVED
STATE CORPORATION COMMISSION
JUL 15 1996
FROM CONFIDENTIAL **JUN 17 1994**
CONSERVATION DIVISION
Wichita, Kansas
THANK YOU