

**CONFIDENTIAL**

SIDE ONE

**ORIGINAL**

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
AGO-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/A

Operator Contact Person: Lisa Thimmesch

Phone ( 316 ) 267-4375

Contractor: Name: Murfin Drilling

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: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

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

2-26-96      3-3-96      3-3-96  
Spud Date      Date Reached TD      Completion Date

API NO. 15- 147-20,565-00-00

County Phillips

NE NE-NE - Sec. 26 Twp. 4 Rge. 20W

4880 Feet from  S/W (circle one) Line of Section

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

Footages Calculated from Nearest Outside Section Corner:  
NE,  E, NW or SW (circle one)

Lease Name Satter Well # 2

Field Name \_\_\_\_\_

Producing Formation N/A

Elevation: Ground 2115 KB 2020

Total Depth 3511 PBTD \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 230 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 cnt.

Drilling Fluid Management Plan D&A 97 10-17-96  
(Data must be collected from the Reserve Pit)

Chloride content 2,400 ppm Fluid volume 601 bbls

Dewatering method used evaporation

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name \_\_\_\_\_

Lease Name SEP 16 1998

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 \_\_\_\_\_

Title President Date 6-24-96

Subscribed and sworn to before me this 24th day of June

19 96  
Notary Public Lisa Thimmesch

Date Commission Expires \_\_\_\_\_

LISA THIMMESCH  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. 8-29-99

K.C.C. OFFICE USE ONLY		
F	<input checked="" type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input checked="" type="checkbox"/>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep <input type="checkbox"/> NGPA
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug <input type="checkbox"/> Other
(Specify)		

Operator Name Ritchie Exploration, Inc. Lease Name Satter Well # 2

Sec. 26 Twp. 4 Rge. 20W  East  West  
 County Phillips

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		

Radiation Guard Log

CASING RECORD <input type="checkbox"/> New <input checked="" 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 1/2"	8 5/8	28#	230	60/40 poz	145	2% gel 3% CC

ADDITIONAL CEMENTING/SQUEEZE RECORD					
Purpose:	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
<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		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth

TUBING RECORD	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj.	Producing Method	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
D&A		

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 \_\_\_\_\_

PLEASE KEEP THIS INFORMATION CONFIDENTIAL

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ORIGINAL

**RITCHIE EXPLORATION, INC.**

125 N. Market - Suite 1000  
Wichita, Kansas 67202-1775  
316-267-4375 FAX 316-267-3026

#2 Satter  
400' FNL & 485' FEL, NE/4  
Section 26-4S-20W  
Phillips County, Kansas  
API# 15-147-20,565  
Elevation: 2115' GL, 2020' KB

Log Tops

Anhydrite 1550'(+ 470)  
B/Anhy 1574'(+ 446)  
Topeka 2938'(- 918)  
Heebner 3132'(-1112)  
Toronto 3158'(-1138)  
Lansing 3176'(-1156)  
B/KC 3383'(-1363)  
Arbuckle 3474'(-1454)  
LTD 3511'(-1491)

PLEASE KEEP THIS  
INFORMATION  
CONFIDENTIAL

RELEASED

SEP 16 1998

FROM CONFIDENTIAL

KCC

JUN 24

CONFIDENTIAL

DST #1 from 3126' to 3190' (Toronto and L/KC Top zone). Recovered 240' mud with few oil spots and 760' water. 1000' total fluid.

IFP:233-406#/30"; ISIP:937#/30";  
FFP:500-537#/30"; FSIP:918#/30".

DST #2 from 3196' to 3240' (L/KC 35' and 50' zones). Recovered 70' mud with few oil spots.

IFP:20-20#/30"; ISIP:578#/45";  
FFP:30-30#/30"; FSIP:547#/45".

DST #3 from 3236' to 3252' (L/KC 70' zone). Recovered 10' of slight oil cut watery mud and 240' of muddy water.

IFP:25-60#/45"; ISIP:303#/45";  
FFP:101-111#/45"; FSIP:242#/45".

DST #4 from 3311' to 3368' (L/KC 160', 180' and 200' zones). Recovered 3' of mud.

IFP:20-20#/ 30"; ISIP:344#/30";  
FFP:20-20#/30"; FSIP:344#/30".

# ALLIED CEMENTING CO., INC.

0628

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

CONFIDENTIAL ORIGINAL

SERVICE POINT:

Russell

DATE <u>2-26-96</u>	SEC. <u>26</u>	TWP. <u>4</u>	RANGE <u>20</u>	CALLED OUT	ON LOCATION <u>7 PM</u>	JOB START	JOB FINISH <u>9:15 PM</u>
LEASE <u>Satter</u>	WELL# <u>2</u>	LOCATION <u>Logan 2E 1 1/2 N</u>	COUNTY <u>Phillips</u>	STATE <u>Kan</u>			
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Murphy #3  
TYPE OF JOB Surface  
HOLE SIZE 12 1/4 T.D. 230'  
CASING SIZE 8 3/8 DEPTH 230'  
TUBING SIZE DEPTH  
DRILL PIPE DEPTH  
TOOL DEPTH  
PRES. MAX MINIMUM  
MEAS. LINE SHOE JOINT  
CEMENT LEFT IN CSG. 10'  
PERFS.

OWNER \_\_\_\_\_  
CEMENT  
AMOUNT ORDERED 145-60 5% ACC 286  
COMMON 87 @ 6.10 530.70  
POZMIX 58 @ 3.15 182.70  
GEL 3 @ 9.50 28.50  
CHLORIDE RELEASED 4 @ 28.00 112.00  
@  
@ SEP 16 1998 @  
@  
@ FROM CONFIDENTIAL @  
@  
HANDLING ALC @ 105 152.25  
MILEAGE 65m @ 04 377.00

### EQUIPMENT

PUMP TRUCK CEMENTER McAdoo  
# 753 HELPER Dave F  
BULK TRUCK  
# 160 DRIVER Paul D  
BULK TRUCK  
# DRIVER

RECEIVED  
KANSAS CORPORATION COMMISSION

CONFIDENTIAL

TOTAL 1383.15

### REMARKS:

JUN 22 1996

### SERVICE

DEPTH OF JOB		
WICHITA, KS		
PUMP TRUCK CHARGE		<u>445.00</u>
EXTRA FOOTAGE	@	
MILEAGE <u>65</u>	@ <u>2.35</u>	<u>152.75</u>
PLUG <u>8 5/8 Wood</u>	@	<u>45.00</u>
	@	
	@	
TOTAL		<u>642.75</u>

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

### 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 Keith Vinbeck

# ALLIED CEMENTING CO., INC.

0551

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

CONFIDENTIAL

ORIGINAL SERVICE POINT:

Russell

DATE <u>3-3-96</u>	SEC. <u>26</u>	TWP. <u>4 S</u>	RANGE <u>20 W</u>	CALLED OUT <u>9:30 AM</u>	ON LOCATION <u>12:15 PM</u>	JOB START <u>12:45 PM</u>	JOB FINISH <u>3:00 PM</u>
LEASE <u>SATTER</u>	WELL # <u>2</u>	LOCATION <u>LOGAN 1 1/2 E 1 N</u>			COUNTY <u>PHILLIPS</u>	STATE <u>KANSAS</u>	

OLD OR NEW (Circle one)

RELEASED

CONTRACTOR MURFIN DRUG. Rig #3

TYPE OF JOB ROTARY Plug

HOLE SIZE 2 1/8 T.D. 3510'

CASING SIZE 8 5/8 SURFACE DEPTH 230'

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE 4 1/2 X-H DEPTH 3475

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. \_\_\_\_\_

PERFS. \_\_\_\_\_

OWNER SEP 16 1998

CEMENT

FROM CONFIDENTIAL 40 6% GEL

AMOUNT ORDERED 205 SK 1/4# FLO-SEAL PER SK

COMMON	<u>123</u>	@	<u>610</u>	<u>750.30</u>
POZMIX	<u>82</u>	@	<u>315</u>	<u>258.30</u>
GEL	<u>11</u>	@	<u>9.50</u>	<u>104.50</u>
CHLORIDE		@		<u>5.250</u>
<u>Flo Seal</u>	<u>50<sup>st</sup></u>	@	<u>115</u>	<u><del>5750</del></u>
		@		
		@		
		@		
		@		
HANDLING		@	<u>105</u>	<u>215.25</u>
MILEAGE	<u>65m</u>		<u>04</u>	<u>533.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER Shu

# 221 HELPER Will

BULK TRUCK DRIVER Jason

# 213 DRIVER \_\_\_\_\_

BULK TRUCK DRIVER \_\_\_\_\_

# \_\_\_\_\_ DRIVER \_\_\_\_\_

RECEIVED  
KANSAS CORPORATION COMMISSION

TOTAL 1918.85  
JUN 24

REMARKS:

20 SK @ 3475

20 SK @ 1560

100 SK @ 945

40 SK @ 280

10 SK @ 40' + Plug

15 SK @ RAT Hole

*Shu*

CONSERVATION DIVISION  
WICHITA, KS

DEPTH OF JOB \_\_\_\_\_

PUMP TRUCK CHARGE \_\_\_\_\_ 550.00

EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_

MILEAGE 65m @ 2.35 152.75

PLUG 1-8 5/8 Dry Hole @ 23.00

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

TOTAL 725.75

CHARGE TO: RITCHIE EXPLORATION INC.

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 Charles Van Pelt

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