

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

CAP# NO. 15- 137-20,403-  
00-00  
County Norton  
150 S Norton  
NW-SE-SW- Sec. 21 Twp. 5 S Rge. 22 E

PLEASE KEEP THIS INFORMATION CONFIDENTIAL

Operator: License # 4767

Name: Ritchie Exploration, Inc.

Address P.O. Box 783188

City/State/Zip Wichita, KS 67278-3188

Purchaser: \_\_\_\_\_

Operator Contact Person: Julie Stout

Phone (316) 691-9500

Contractor: Name: White & Ellis Drilling

License: 5420

Wellsite Geologist: Rocky Milford

Designate Type of Completion

New Well  Re-Entry  Workover

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

If Workover/Reentry: 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. \_\_\_\_\_

7-14-97 7-20-97

Spud Date \_\_\_\_\_ Date Reached TD \_\_\_\_\_ Completion Date \_\_\_\_\_

840 Feet from S (circle one) Line of Section

1650 Feet from E (circle one) Line of Section

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

Lease Name B. Griffey Well # 1

Field Name unknown

Producing Formation \_\_\_\_\_

Elevation: Ground 2339 KB 2349

Total Depth 3770 PBTD \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 253 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 ALT II  
(Data must be collected from the Reserve Pit) DIA  
DW 9-22-97

Chloride content 500 ppm Fluid volume 880 bbls

Deustering method used evaporation

Location of fluid disposal if hauled offsite:  
NO

Operator Name SEP 1 5 9-17-97

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, 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 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 9-16-97

Subscribed and sworn to before me this 16th day of September, 19 97.

Notary Public [Signature]

Date Commission Expires July 23, 2001

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

RELEASED

JULIE K. STOUT  
Notary Public - State of Kansas  
My Appt. Expires 7-23-2001

MAY 06 2000  
5-6-2000

Form ACO-1 (7-91)

FROM CONFIDENTIAL

Operator Name Ritchie Exploration, Inc. Lease Name B. Griffey Well # 1  
 Sec. 21 Twp. 5 Rge. 22  East County Norton  
 West

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 (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	see attached sheet	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
List All E.Logs Run: Radiation Guard Log			

CASING RECORD <input 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	12 1/4"	8 5/8"	20#	253	60/40 Poz	175	2% gel, 4%

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

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SLD or Inj.	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: \_\_\_\_\_

ORIGINAL

Ritchie Exploration Inc.  
P.O. Box 783188  
Wichita, Kansas 67278-3188

CONFIDENTIAL

#1 B. Griffey  
150' S of NW SE SW  
Section 21-5S-22W  
Norton County, Kansas  
API# 15-137-20,403

RELEASED

MAY 06 2000

FROM CONFIDENTIAL

**LOG TOPS**

Anhydrite	1958'+ 391)
B/Anhy	1988'+ 361)
Topeka	3312'(- 963)
Heebner	3512'(-1163)
Toronto	3538'(-1189)
Lansing	3554'(-1205)
BKC	3749'(-1400)
LTD	3765'(-1416)

KCC

SEP 1 6

CONFIDENTIAL

**DRILL STEM TESTS**

DST #1 from 3510' to 3553' (Toronto). Recovered 40' mud with few specks of oil  
IFP:36-38#/30"; ISIP:833#/30"  
FFP:43-43#/30"; FSIP:744#/30"

DST #2 from 3595' to 3630' (50'-90' zones). Recovered 5' mud with no show of oil  
IFP:10-10#/30"; ISIP:12#/30"  
FFP:12-12#/30"; FSIP:12#/30"

DST #3 from 3691' to 3721' (180' zone). Recovered 3' mud with no show of oil  
IFP:20-20#/30"; ISIP:24#/30"  
FFP:26-26#/30"; FSIP:28#/30"



# ALLIED CEMENTING CO., INC.

5304

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

ORIGINAL

SERVICE POINT:

*Russell*

DATE <u>7-20-97</u>	SEC. <u>21</u>	TWP. <u>5</u>	RANGE <u>22</u>	CALLED OUT <u>2:00PM</u>	ON LOCATION <u>4:00PM</u>	JOB START <u>7:15AM</u>	JOB FINISH <u>11:00PM</u>
LEASE <u>B. GRIFFEX</u>	WELL# <u>1</u>	LOCATION <u>Hill City 14N 1 1/2E 2N 1E</u>			COUNTY <u>Norton</u>	STATE <u>KANSAS</u>	

OLD OR NEW (Circle one)

CONTRACTOR White & Ellis Drilling Rig #9 OWNER \_\_\_\_\_

TYPE OF JOB ROTARY Plug

CEMENT

HOLE SIZE 7 7/8 T.D. 3770'

AMOUNT ORDERED 190 SK @ 6.90 6% GEL  
Y# FLO-SEAL PER SK

CASING SIZE 8 5/8 SURFACE DEPTH 254'

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

DRILL PIPE 4 1/2 X-H DEPTH 1960'

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

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

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

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

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

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COMMON 114 @ 6.10 695.40

POZMIX 76 @ 3.15 239.40

GEL 10 @ 9.50 95.00

CHLORIDE \_\_\_\_\_ @ \_\_\_\_\_

Flo Seal 47 @ 1.15 54.05

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

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

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

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

HANDLING \_\_\_\_\_ @ 1.05 199.50

MILEAGE 79m .04 600.40

RELEASED

TOTAL 1883.75

MAY 06 2000

EQUIPMENT

PUMP TRUCK CEMENTER Will

# 177 HELPER Will

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

# 160 DRIVER Darin

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

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

REMARKS:

FROM CONFIDENTIAL

SERVICE

25 SK @ 1960'

100 SK @ 1190'

40 SK @ 300'

10 SK @ 40'

15 SK @ RAT HOLE

THANKS

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

PUMP TRUCK CHARGE \_\_\_\_\_ 445.00

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

MILEAGE 79 @ 2.85 225.15

PLUG 8 5/8 Dry Hole @ 23.00

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

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

SEP 1 6

TOTAL 693.15

CONFIDENTIAL

CHARGE TO: FITCHIE EXPLORATION INC.

STREET P.O. Box 783188

CITY Wichita STATE Kan ZIP 67278-3188

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 Darin