

**CONFIDENTIAL**

SIDE ONE

15-065-22766-00-00

**ORIGINAL**

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
ACG-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  
License: 30606  
Wellsite Geologist: Pete Fiorini

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 P&A  
 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 \_\_\_\_\_ PSTD  
Commingle \_\_\_\_\_ Docket No. \_\_\_\_\_  
Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_  
Other (SWD or Inj?) \_\_\_\_\_ Docket No. \_\_\_\_\_  
2-19-96 2-25-95 4-1-96  
Spud Date Date Reached TD Completion Date

API NO. 15- 065-22,766  
County Graham  
NE SE NE Sec. 15 Twp. 10 Rge. 22W  
1650 Feet from S (circle one) Line of Section  
330 Feet from (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) SE, NW or SW (circle one)  
Lease Name Griffith Well # 3  
Field Name \_\_\_\_\_  
Producing Formation L/KC  
Elevation: Ground 2278 XB 2283  
Total Depth 3785 PSTD 3757  
Amount of Surface Pipe Set and Cemented at 214 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set 1756 Feet  
If Alternate II completion, cement circulated from \_\_\_\_\_  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cat.

Drilling Fluid Management Plan D&A 92 10-17-96  
(Data must be collected from the Reserve Pit)  
Chloride content 2500 ppm Fluid volume \_\_\_\_\_  
Dewatering method used evaporation  
Location of fluid disposal if hauled offsite \_\_\_\_\_  
Operator Name 9-16-1998  
Lease Name SEP 16 1998 License No. \_\_\_\_\_  
Quarter Sec. Twp. S Rng E/W  
County WICHITA, KS Docket No. \_\_\_\_\_

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6-19-1996  
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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 Geologist Date 6-19-96  
Subscribed and sworn to before me this 19th day of June 19 96.  
Notary Public Lisa Thimmesch  
Date Commission Expires \_\_\_\_\_



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

Operator Name Ritchie Exploration, Inc. Lease Name Griffith Well # 3

Sec. 15 Twp. 10 Rge. 22W County Graham

East  
 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  Yes  No  
(Attach Additional Sheets.)  
Samples Sent to Geological Survey  Yes  No  
Cores Taken  Yes  No  
Electric Log Run  Yes  No  
(Submit Copy.)

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

See attached sheet

List All E.Logs Run:  
Gamma Ray Correlation Log  
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 1/4	8 5/8		207206	60/40 poz	160	2% gel 3% CC
	7 3/8	4 1/2		3785'	CLASS 'A'	125	5% HALAD-322 3% CC
		PORT COLLAR		1756'			

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	
	3	3693'-3698'	3712'-3715'	800 gal 15% NE 200# Benzoic acid plug
3	3572'-3575'		600 gal 15% NE	

TUBING RECORD Size Set At Packer At Liner Run  Yes  No

Date of First, Resumed Production, SWD or Inj. 4-3-96 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours Oil N/A 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 Noncommercial

CL SEAL CO

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**ORIGINAL**

**RITCHIE EXPLORATION, INC.**

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

#3 Griffith  
NE SE NE  
Section 15-10S-22W  
Graham County, Kansas  
API# 15-065-22,766  
Elevation: 2278' GL, 2283' KB

<u>Log Tops</u>	
Anhydrite	1777'(+ 506)
B/Anhy	1817'(+ 466)
Topeka	3286'(-1003)
Heebner	3495'(-1212)
Toronto	3515'(-1232)
Lansing	3530'(-1247)
B/KC	3764'(-1481)
LTD	3784'(-1501)

**RELEASED**  
9-16-1998  
SEP 16 1998

NOV  
6-19  
JUN 19

FROM CONFIDENTIAL

**CONFIDENTIAL**

DST #1 from 3582' to 3611' (50' and 70' zones). Recovered 90' muddy water.  
IFP:44-52#/30"; ISIP:698#/30";  
FFP:67-67#/30"; FSIP:698#/30".

DST #2 from 3611' to 3627' (90' zone). Recovered 435' slightly muddy water.  
IFP:44-112#/30"; ISIP:507#/45";  
FFP:172-210#/30"; FSIP:499#/45".

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KANSAS CORPORATION COMMISSION  
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CONSERVATION DIVISION  
WICHITA, KS

INVOICE

# HALLIBURTON CONFIDENTIAL ORIGINAL

REMIT TO:  
P.O. BOX 951046  
DALLAS, TX 75395-

INVOICE NO.	915256
TICKET	02/25

WELL LEASE NO./PROJECT <b>W-3175003</b>		WELL/PROJECT LOCATION <b>GRAHAM</b>		STATE <b>KS</b>	OWNER <b>SAME</b>
SERVICE LOCATION <b>HAYS</b>		CONTRACTOR <b>MURFIN RIG #8</b>	JOB PURPOSE <b>CEMENT PRODUCTION CASING</b>		TICKET <b>02/25</b>
ACCT. NO. <b>743500</b>	CUSTOMER AGENT <b>PETE FIORINI</b>	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA <b>COMPANY TRUCK</b>	

RITCHIE EXPLORATION INC  
125 N MARKET STE 1000  
WICHITA, KS 67202

DIRECT CORRESPONDENCE TO:  
P O BOX 428  
HAYS KS 67601  
913-625-3431

FEB 96

1015093

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REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
000-117	PRICING AREA - MID CONTINENT MILEAGE CEMENTING ROUND <i>(123470)</i>	90	MI	2.85	256.50
001-016	CEMENTING CASING	1	UNT		1,570.00
018-315	MUD FLUSH	3785	FT	1,570.00	325.00
019-241	CASING SWIVEL W/O WALL CLEANER	1	UNT		185.00
030-016	CEMENTING PLUG 5W ALUM TOP	500	GAL	.65	45.00
12A	GUIDE SHOE - 4 1/2" 8RD THD.	1	EA	95.00	91.00
825.201	INSERT FLOAT VALVE - 4 1/2" 8RD	1	EA	91.00	47.00
24A	FILL-UP UNIT 4 1/2"-5"	1	EA	47.00	50.00
815.19101	CENTRALIZER 4-1/2 X 7-7/8	2	EA	50.00	60.00
27	CENTRALIZER-TURBO-4-1/2 X 7-7/8	1	EA	60.00	1,300.00
815.19111	PORT COLLAR (B)	1	EA	1,300.00	104.00
40	BASKET-CMT-4 1/2 CSG X 18" OD	1	EA	104.00	125 SK
806.60004	CEMENT - STANDARD	6	SK	9.57	25.90
806.60104	CAL SEAL 60	1000	LB	.15	59 LB
73	SALT	30	LB	7.00	3.25
813.0141	HALAD-322	147	CFT	1.35	302.378 TMI
320	D-AIR 1, POWDER				
806.71415	BULK SERVICE CHARGE				
504-308	MILEAGE CMTG MAT DEL OR RET				
508-127					
509-968					
507-725					
507-970					
500-207					
500-306					

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CONSERVATION DIVISION  
WICHITA, KS

INVOICE SUBTOTAL

6500.800

1917.00

6200.270

3103.58

6,296.36

CONTINUED ON NEXT PAGE \*\*\*\*\*

TERMS: If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.

