

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

CONFIDENTIAL

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 4767
Name: Ritchie Exploration, Inc.
Address: P.O. Box 783188
City/State/Zip: Wichita, KS 67278-3188
Purchaser: _____
Operator Contact Person: Craig Caulk
Phone: (316) 691-9500
Contractor: Name: Murfin Drilling Co., Inc.
License: 30606
Wellsite Geologist: Jeff Christian

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APR 20 2005
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KCC WICHITA

API No. 15 - 065-23029-00-00
County: Graham
S/2 N/2 NE Sec. 4 Twp. 6S S. R. 23 East West
900 feet from S N (circle one) Line of Section
1200 feet from E / W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Farm & Ranch 4A Well #: 1
Field Name: _____

Designate Type of Completion:
 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:

Producing Formation: _____
Elevation: Ground: 2411' Kelly Bushing: 2416'
Total Depth: 4400' Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 293 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.

Operator: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
 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. _____
1/31/05 2/8/05 2-8-05
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

Drilling Fluid Management Plan *Alt II Plat with 6-8-07*
(Data must be collected from the Reserve Pit)
Chloride content 2,100 ppm Fluid volume 520 bbls
Dewatering method used evaporation
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: Craig Caulk
Title: Geologist Date: 4-20-05
Subscribed and sworn to before me this 20th day of April,
05.
Notary Public: Debra K. Phillips
Date Commission Expires: 5/4/07

KCC Office Use ONLY
yes Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

DEBRA K. PHILLIPS
Notary Public - State of Kansas
My Appt. Expires 5/4/07

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ORIGINAL

Side Two

Operator Name: Ritchie Exploration, Inc. Lease Name: Farm & Ranch 4A Well #: 1
Sec. 4 Twp. 6S S. R. 23 County: Graham

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 [X] Yes [] No
Samples Sent to Geological Survey [X] Yes [] No
Cores Taken [] Yes [X] No
Electric Log Run [X] Yes [] No

[] Log Formation (Top), Depth and Datum [X] Sample
Name Top Datum

SEE ATTACHED

List All E. Logs Run:

Radiation Guard Log

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Table with 8 columns: 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. Row 1: Surface, 12-1/4, 8-5/8, 28#, 293, common, 200, 3%cc, 2% gel

Table with 5 columns: Purpose, Depth Top Bottom, Type of Cement, #Sacks Used, Type and Percent Additives. Purpose includes Perforate, Protect Casing, Plug Back TD, Plug Off Zone.

Table with 4 columns: 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. Includes 'RECEIVED APR 21 2005 KCC WICHITA' stamp.

TUBING RECORD table with columns: Size, Set At, Packer At, Liner Run [] Yes [] No

Table with columns: Date of First, Resumerd Production, SWD or Enhr., Producing Method [] Flowing [] Pumping [] Gas Lift [] Other (Explain)

Table with columns: Estimated Production Per 24 Hours, Oil Bbls., Gas Mcf, Water Bbls., Gas-Oil Ratio, Gravity

Disposition of Gas METHOD OF COMPLETION Production Interval
[] Vented [] Sold [] Used on Lease [] Open Hole [] Perf. [] Dually Comp. [] Commingled
(If vented, Submit ACO-18.) [] Other (Specify)

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#1 Farm & Ranch 4A
900' FNL & 1200' FEL
Section 4-6S-23W
Graham County, Kansas
API# 15-065-23029-00-00
Elevation: 2,411' GL, 2,416' KB

Sample Tops			Ref. Well
Anhydrite	2047'	+369	-9
B/Anhydrite	2078'	+338	-9
Topeka	3372'	-956	-2
Heebner	3567'	-1151	flat
Toronto	3591'	-1175	+1
Lansing	3608'	-1192	flat
Lansing 'C' zone	3640'	-1224	-2
Lansing 'D' zone	3655'	-1239	flat
Muncie Shale	3710'	-1294	-2
LKC 'J' zone	3753'	-1337	-2
Stark Shale	3762'	-1346	-3
LKC 'K' zone	3772'	-1356	-1
BKC	3796'	-1380	-2
Arbuckle	3846'	-1530	-16
RTD	4400'	-1594	

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ALLIED CEMENTING CO., INC. 19056

ORIGINAL

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

SERVICE POINT:
Oakley

KCC
APR 20 2005

DATE <u>2-8-05</u>	SEC <u>4</u>	TWP <u>6S</u>	RANGE <u>23W</u>	CALLED OUT	ON LOCATION <u>6:00 PM</u>	JOB START <u>6:50 PM</u>	JOB FINISH <u>10:00 PM</u>
LEASE <u>Fairing Ranch 4A</u>	WELL# <u>1</u>	LOCATION <u>Hill city 12N 2W 2N</u>			COUNTY <u>Graham</u>	STATE <u>Ks</u>	
OLD OR NEW (Circle one) <u>NEW</u>							

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CONTRACTOR Murfin Drlg Rigs OWNER same

TYPE OF JOB PTA

HOLE SIZE 7 7/8 T.D. 4000' CEMENT AMOUNT ORDERED 215 sks 60/40 Poz 630 Gel 1/4 Plo Seal

CASING SIZE _____ DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH 3924'

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT _____

EQUIPMENT

PUMP TRUCK CEMENTER Dean

373-281 HELPER Andrew

BULK TRUCK _____

218 DRIVER Larry

BULK TRUCK _____

_____ DRIVER _____

REMARKS:

1st Plug 3924' w/ 253 sks

2nd Plug 2060' w/ 253 sks

3rd Plug 1271' w/ 100 sks

4th Plug 343' w/ 40 sks

5th Plug 40' w/ 10 sks

153 sks in Rat Hole

COMMON 129 sks @ 9.55 1231.95

POZ MIX 86 sks @ 4.50 387.00

GEL 113 sks @ 13.00 1469.00

CHLORIDE _____ @ _____

ASC _____ @ _____

Plo Seal 54# @ 1.60 86.40

_____ @ _____

RECEIVED _____ @ _____

_____ @ _____

APR 21 2005 _____ @ _____

_____ @ _____

KCC WICHITA _____ @ _____

HANDLING 226 sks @ 1.50 339.00

MILEAGE 88.5 @ .055 \$/mile 1093.84

TOTAL 3281.19

SERVICE

DEPTH OF JOB 3924

PUMP TRUCK CHARGE 750.00

EXTRA FOOTAGE _____ @ _____

MILEAGE 88 miles @ 4.50 396.00

MANIFOLD _____ @ _____

_____ @ _____

_____ @ _____

TOTAL 1146.00

CHARGE TO: Ritchie Exploration Inc

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

8 7/8 Dry Hole Plug @ 35.00

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL 35.00

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.

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE Kurt Van Riet

PRINTED NAME

CONFIDENTIAL

ALLIED CEMENTING CO., INC.

19145

ORIGINAL

KCC

APR 20 2005

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

SERVICE POINT: Oakley KS

Table with columns: DATE, SEC, TWP, RANGE, CALLED OUT, ON LOCATION, JOB START, JOB FINISH, LEASE, WELL#, LOCATION, COUNTY, STATE, OLD OR NEW.

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CONTRACTOR: Murphy #3
TYPE OF JOB: SURFACE
HOLE SIZE: 12 1/4" I.D. 293'
CASING SIZE: 8 5/8" 290cc DEPTH: 293'
TUBING SIZE: DEPTH
DRILL PIPE: DEPTH
TOOL: DEPTH
PRES. MAX: MINIMUM
MEAS. LINE: SHOE JOINT
CEMENT LEFT IN CSG: 15'
PERFS.
DISPLACEMENT: 17.3
EQUIPMENT
PUMP TRUCK CEMENTER: Fuzzy #102 HELPER: Walt
BULK TRUCK #218 DRIVER: Larry

OWNER: SAME
CEMENT AMOUNT ORDERED: 200 SKS COM
390cc 290cc

COMMON: 200 @ 9.55 1910.00
POZMIX @
GEL: 4 @ 13.00 52.00
CHLORIDE: 7 @ 36.00 252.00
ASC @

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HANDLING: 211 @ 1.50 316.50
MILEAGE: 1055 YSK x mile 1021.68
TOTAL: 3552.18

REMARKS:

Cement 8 5/8" csg with 200 SKS
Com 390cc 290cc
Displace plug to within 15' of bottom
Cement did circulate
Plug down @ 11:15pm
Thanks - Fuzzy

SERVICE

DEPTH OF JOB: 293'
PUMP TRUCK CHARGE: 675.00
EXTRA FOOTAGE @
MILEAGE: 88 @ 4.50 396.00
MANIFOLD @

CHARGE TO: Ritchie Exploration Inc
STREET
CITY STATE ZIP

TOTAL: 1021.00

PLUG & FLOAT EQUIPMENT

1 - 8 5/8" plug @ 55.00

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

TAX
TOTAL CHARGE
DISCOUNT IF PAID IN 30 DAYS

SIGNATURE: Keith Van Pelt

PRINTED NAME