

ORIGINAL

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

Operator: License # 4767
Name: Ritchie Exploration, Inc.
Address 125 N. Market, Ste. 1000
City/State/Zip Wichita, KS 67202

Purchaser: _____
Operator Contact Person: Jeff Christian
Phone (316) 267-4375

Contractor: Name: Murfin Drilling Company, Inc.
License: 30606

Wellsite Geologist: Jeff Christian **KCC**

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:

Operator: _____
Well Name: _____
Comp. Date _____ Old Total Depth _____
 Deepening Re-perf. Conv. to Inj/SWD
 Plug Back _____ PSTD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____
04-22-93 04-27-93 04-27-93
Spud Date Date Reached TD Completion Date

API NO. 15- 065-22706 60-00
County Graham
NE - NE - SE Sec. 21 Twp. 6S Rge. 23

2310 Feet from S (circle one) Line of Section
330 Feet from E (circle one) Line of Section

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

Lease Name Schaben 21-D Well # 1
Field Name wildcat

Producing Formation _____
Elevation: Ground 2389' KS 2394'

Total Depth 3835' PSTD _____
Amount of Surface Pipe Set and Cemented at 246 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 OK 6-30-93
(Data must be collected from the Reserve Pit)

Chloride content 1200 ppm Fluid volume 900 bbls
Dewatering method used evapo **RELEASED**

Location of fluid disposal if hauled offsite:
JUL 26 1995
7-26-95

Operator Name _____
Lease Name _____ License No. _____
County _____
PLEASE KEEP FROM CONFIDENTIAL
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 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 6-22-93
Subscribed and sworn to before me this 22 day of June
19 93
Notary Public [Signature]
Date Commission Expires _____

LISA THIMMESCH
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 8-29-95

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution: XCC SWD/Rep KGS Plug
RECEIVED
JUN 23 1993
6-23-93
KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
Wichita, Kansas

ORIGINAL

SIDE TWO

Operator Name Ritchie Exploration, Inc.

Lease Name Schaben 21-D

Well # 1

Sec. 21 Twp. 6S Rge. 23

East
 West

County Graham

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"	28#	246'	60/40	180	2%Gel 3%CC

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose: <input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			

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		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)				
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 _____

RITCHIE EXPLORATION, INC.

125 N. Market - Suite 1000

Wichita, Kansas 67202-1775

316-267-4375 FAX 316-267-3026

ORIGINAL

#1 Schaben 21-D

NE NE SE

Section 21-6S-23W

Graham County, Kansas

API# 15-065-22,706

Elevation: 2389' G.L., 2394' K.B.

Sample Tops

Anhydrite	2059' (+ 335)
B/Anhydrite	2091' (+ 303)
Topeka	3392' (- 998)
Heebner	3591' (-1197)
Toronto	3618' (-1224)
Lansing	3634' (-1240)
B/KC	3816' (-1422)
RTD	3835' (-1441)

DST #1 from 3625' to 3645' (L/KC Top zone).

Recovered 2' of oil and 10' of mud with oil spots.

IFP:47-47#/30"; ISIP:124#/30";

FFP:47-47#/30"; FSIP: 66#/30".

DST #2 from 3644' to 3688' (L/KC 35' and 50' zones). Recovered 810' of muddy water.

IFP:104-190#/30"; ISIP:725#/30";

FFP:295-353#/30"; FSIP:715#/30".

DST #3 from 3757' to 3835' (L/KC 180', 200', and 220' zones). Recovered 15' of oil spotted mud.

IFP:66-57#/30"; ISIP:849#/30";

FFP:66-57#/30"; FSIP:791#/30".

PLEASE KEEP THIS
INFORMATION
CONFIDENTIAL

RELEASED

JUL 26 1995

FROM CONFIDENTIAL

RECEIVED
STATE CORPORATION COMMISSION
JUN 23 1995
CONSERVATION DIVISION
Wichita, Kansas

2027, Russell, Kansas

Phone Plainville 913-434-2812

Phone 316-793-5861, Great Bend, Kansas

Phone Ness City 913-798-3843

ORIGINAL ALLIED CEMENTING CO., INC.

4278

Home Office P. O. Box 31

Russell, Kansas 67665

New

Date	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
4-22-93	21	6 ^S	23 ^W				7:00 PM
Lease Schaben	Well No. 1	Location Hill City 9N 2W 14N		County Graham	State KS		

Contractor	Murfin Drly Ry 8
Type Job	Surface
Hole Size	12 1/4
T.D.	247
Csg.	8 1/2
Depth	246
Tbg. Size	
Depth	
Drill Pipe	
Depth	
Tool	
Depth	
Cement Left in Csg.	10 1/2
Shoe Joint	
Press Max.	Minimum
Meas Line	Displace
Perf.	

Owner	W.S
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
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. *[Signature]*

X

EQUIPMENT

Hay 3	No.	Cementer	Dave
Pumptrk 153		Helper	Mark
	No.	Cementer	
Pumptrk 21		Helper	
		Driver	Mike
Bulktrk 218			
Bulktrk		Driver	

Amount Ordered	180 ⁰⁰ 3% CC 2% gel
Consisting of	
Common	108 575 621.00
Poz. Mix	22 300 216.00
Gel.	3 700 N/C
Chloride	5 2500 125.00
Quickset	RELEASED

JUL 26 1995

Handling	FROM CONFIDENTIAL 100	180.00
Mileage	47m 04	338.40
Sub Total		1480.40
Total		

DEPTH of Job	
Reference:	
Pump trk chg	430.00
225 Per mile 47m	105.75
8 1/2 wooden plug	42.00
Sub Total	577.75
Tax	
Total	

Remarks: Cement Cir

RECEIVED
STATE PREPARATION COMMISSION
APR 29 1995
CONSERVATION DIVISION
Wichita, Kansas

3-2627, Russell, Kansas

316-793-5861, Great Bend, Kansas

ORIGINAL

Phone Plainville 913-434-2812

Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC.

5727

Home Office P. O. Box 31

Russell, Kansas 67665

"New"

Date	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
4-27-93	21	6S	23W	2:00 PM	4:30 PM	5:45 PM	9:00 PM

Lease	Well No.	Location	County	State
Schaben	21-D	9N 2W 1/4 Hill City	Graham	Kan

Contractor **MURFIN DRIS Inc.**

Owner **Ritchie Exploration, Inc.**

Type Job **Plus**

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.

Hole Size **7 7/8** T.D. **3835**

Csg. Depth

Tbg. Size Depth

Drill Pipe **4 1/2** Depth

Tool Depth

Cement Left in Csg. Shoe Joint

Press Max. Minimum

Meas Line Displace

Perf.

Charge To **Ritchie Exploration, Inc.**

Street **125 N Market, Suite 1000**

City **Wichita** State **Kan** **67202**

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.

X **Roger Carwin**

CEMENT

Amount Ordered **190 skt 60/40 Poz 6% G30**

Consisting of

Common **114 skt 575 655.50**

Poz. Mix **76 skt 300 228.00**

Gel. **7 skt 700 49.00**

Chloride

Quickset

RELEASED

Sales Tax

Handling **100 190.00**

Mileage **47m 04 357.20**

Sub Total **1479.70**

Total

Floating Equipment

MAY 6 1993

EQUIPMENT

No.	Cementer	
HAYC 276		B Leikam
	Helper	
No.	Cementer	
Pumptrk 279		D. Rundle
	Helper	
	Driver	
Bulktrk 291		W madson
Bulktrk	Driver	

DEPTH of Job

Reference:		
	Pump charge	430.00
	Mileage 47m 2.25 pm	105.75
	plug	21.00
	Sub Total	556.75
	Tax	
	Total	

FROM CONFIDENTIAL

506 93 SA

Remarks:

1st plug @ 2080 w/ 25 skt
2nd plug @ 1224 w/ 100 skt
3rd plug @ 300 w/ 40 skt

4th plug @ 40' w/ 10 skt
15 skt in Ratchels

RECEIVED
STATE CORPORATION COMMISSION
Thank you JUN 23 1993
CONSERVATION DIVISION