

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-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: NA
Operator Contact Person: Jeff Christian
Phone: (316)267-4375

Contractor: Name: Murfin Drilling Company, Inc.
License: 30606
Wellsite Geologist: K. Kessler

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD S1OW 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 PBDT
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____
08-20-92 08-26-92 08-26-92
Spud Date Date Reached TD Completion Date

API NO. 15- 1377 20,384 -00-00

County Norton

SW - SW - NW Sec. 21 Twp. 5S Rge. 22 X E

2970 Feet from S (circle one) Line of Section

4950 Feet from E (circle one) Line of Section

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

Lease Name White 21B Well # 1

Field Name _____

Producing Formation _____

Perforation: Ground 2241' KB 2246'

Total Depth 3670' PBDT NA'

Amount of Surface Pipe Set and Cemented at 208 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 BLT 2 RPD 10-28-92
(Data must be collected from the Reserve Pit)

Chloride content 1500 ppm Fluid volume 687 bbls

Dewatering method used evaporation
Location of fluid disposal if hauled offsite: 9-18-92

Operator Name _____

Lease Name _____
CONSERVATION DIVISION
WICHITA, KS

Quarter 10-12-94 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. **CEMENTING TICKETS MUST BE ATTACHED.** Submit CP-4 form with all plugged wells. Submit CP-11 form with 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.

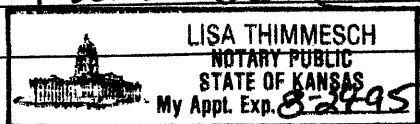
Signature [Signature]

Title President Date 9-17-92

Subscribed and sworn to before me this 17 day of September 1992

Notary Public Lisa Thimmesch

Date Commission Expires _____



FROM CONFIDENTIAL
PLEASE KEEP THIS INFORMATION CONFIDENTIAL

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

Operator Name Ritchie Exploration, Inc. Lease Name White 21B Well # 1

Sec. 21 Twp. 5S 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 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 Datums Sample
 Name Top Datum

SEE ATTACHED SHEET

R.A. Guard Log

CASING RECORD <input checked="" 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#	208'	60/50	160	2%Gel 3%CC

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

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

#1 White 21B
SW SW NW
Section 21-5S-22W
Norton County, Kansas
API# 15-137-20,384

SEP 18

CONFIDENTIAL

ELECTRIC LOG TOPS

Anhydrite	1871' (+ 376)
B/Anhydrite	1902' (+ 345)
Topeka	3220' (- 973)
Heebner	3418' (-1171)
Toronto	3443' (-1196)
Lansing	3460' (-1213)
B/KC	3647' (-1400)
LTD	3668' (-1421)

DST #1 3410' to 3460' (Toronto). Recovered 10' mud with oil spots.

IFP:52-52#/30"; ISIP:601#/30";
FFP:52-63#/30"; FSIP:601#/30".

DST #2 3501' to 3520' (50' zone). Recovered 565' muddy water, no show of oil.

IFP:134-307#/30"; ISIP:875#/30";
FFP:365-432#/30"; FSIP:759#/30".

DST #3 3518' to 3535' (90' zone). Recovered 70' gassy mud, no show of oil.

IFP:86-86#/30"; ISIP:1076#/30";
FFP:96-96#/30"; FSIP:1019#/30".

DST #4 3558' to 3620' (140' - 180' zones). Recovered 30' gassy mud, no show of oil.

IFP:76-76#/30"; ISIP:1085#/45";
FFP:86-86#/30"; FSIP:961#/45".

RECEIVED
KANSAS CORPORATION COMMISSION

SEP 18 1992

CONSERVATION DIVISION
WICHITA, KS

PLEASE KEEP THIS INFORMATION
CONFIDENTIAL

RELEASED

OCT 12 1994

FROM CONFIDENTIAL

Russell, Kansas
 5861, Great Bend, Kansas
 SEP 18
 CONFIDENTIAL *New*

Phone Plainville 913-434-2812
 Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31
 Russell, Kansas 67665

2110

Date	8-20-92	Sec.	21	Twp.	5 ^s	Range	22 ^w	Called Out	4:40 P.M.	On Location	6:45 P.M.	Job Start	7:45 P.M.	Finish	8:15 P.M.
Lease	White 21B		Well No.	1		Location			Hill City 14 N 2 E 2 N 1 W E		County	Norton		State	KS.
Contractor	Murkin D & G Co.			Rig #			8			Owner	Same				
Type Job	Set Surface Pipe														
Hole Size	12 1/4"			T.D.	209'										
Csg.	8 7/8"			Depth	208'										
Tbg. Size				Depth											
Drill Pipe				Depth											
Tool				Depth											
Cement Left in Csg.	12'			Shoe Joint											
Press Max.				Minimum	-										
Meas Line				Displace	X										
Perf.															

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, Inc.*
 Street *125 N. Market, Suite 1000*
 City *Wichita* State *KS 67202*
 The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No. *[Signature]*
 X *[Signature]*
CEMENT

Amount Ordered *140 sks 60/40 @ 22 lbs/sk, 320 cc.*
 Consisting of
 Common *96 sks @ 5.50/sk* \$ *528.00*
 Poz. Mix *64 sks @ 2.50/sk* *160.00*
 Gel. *3 sks* *N/C*
 Chloride *5 sks @ 21.00/sk* *105.00*
 Quickset

Handling *21.00/sk (140 sks)* *160.00*
 Mileage *2.044/sk/mi (54 mi.)* *345.60*
 Sales Tax

RELEASED
 OCT 12 1994
 RECEIVED # *22860*
 KANSAS CORPORATION COMMISSION
 Sub Total #
 Total

Floating Equipment
 FROM CONFIDENTIAL *[Signature]* SEP 18 1992

CONSERVATION DIVISION
 WICHITA, KS

AUG 26 1992

EQUIPMENT

No.	Cementor	
Pumptrk 191	Helper	<i>Gary H. Bill Mc.</i>
No.	Cementor	
Pumptrk	Helper	
	Driver	<i>Joe S.</i>
Bulktrk #212		
Bulktrk	Driver	
DEPTH of Job		
Reference: #1	<i>Pumptruck-surface</i>	<i>380.00</i>
#13	<i>mileage @ 2.00/mi</i>	<i>108.00</i>
	<i>1-8 7/8" rubber plug</i>	<i>73.00</i>
	Sub Total	<i>561.00</i>
	Tax	
	Total	

Remarks: *8-20-92*
Cement did circulate.
[Signature]

Phone 913-483-2627, Russell, Kansas
 Phone 316-793-5861, Great Bend, Kansas

AUG 9 2

Phone Plainville 913-434-2812
 Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC.

1527

Home Office P. O. Box 31

Russell, Kansas 67665

New

Date	8-26-92	Sec.	21	Twp.	S 3	Range	22 W	Called Out	8:00 AM	On Location	1:15 PM	Job Start	1:30 PM	Finish	4:00 PM	
Lease	White	Well No.	#1	Location				Hill City 12N 2E	County	Norton	State	KS				
Contractor	Murfin Drilling Rig #8							Owner	3N 1E 1/2N							
Type Job	Rotary Plug							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.	3634'													
Csg.	8 5/8	Depth	240													
Tbg. Size		Depth														
Drill Pipe	4 1/2 X-H	Depth	1875'													
Tool		Depth														
Cement Left in Csg.		Shoe Joint														
Press Max.		Minimum	✓													
Meas Line		Displace														
Perf.	SEP 18															

EQUIPMENT **CONFIDENTIAL**

No.	Cementer	Diane Will
Pumptrk 177	Helper	
No.	Cementer	Soc
Pumptrk	Helper	
Bulktrk #212	Driver	
Bulktrk	Driver	

DEPTH of Job		
Reference:	Pump Truck CHRG	380 ⁰⁰
	2.00 per mile	108 ⁰⁰
	1-8 5/8 Day Hole Plug	21 ⁰⁰
	Sub Total	
	Tax	
	Total	509 ⁰⁰

Remarks:

25 sk @ 1875
 100 sk @ 1090
 40 sk @ 250
 10 sks @ 40 of WIPER Plug
 15 sks @ Rat Hole

Charge To **RITCHIE EXPLORATION INC.**
 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.
 X Roger L. Cummins

CEMENT

Amount Ordered	190 sk 60/40 6 2/3 Gel 2sk SEAL	
Consisting of		
Common	114 SKs @ 5.50	627 ⁰⁰
Poz. Mix	76 SKs @ 2.50	190 ⁰⁰
Gel.	7 SKs @ 6.75	47 ²⁵
Chloride		
Quickset		
	50# Flo-Seal @ 1.00 per	50 ⁰⁰
	Sales Tax	
Handling	1.00 per sk	190 ⁰⁰
Mileage	4¢ per sk/mile	410 ⁴⁰
	54 miles	
	Sub Total	
	RELEASED	
	Total	1,514 ⁶⁵

Floating Equipment OCT 12 1994

RECEIVED
 FROM CONFIDENTIAL CORPORATION COMMISSION
 SEP 18 1992
 CONSERVATION DIVISION
 WICHITA, KS