

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

API NO. 15- 137-20,393 -00-00

County Norton

NE . NE. NW. Sec. 28 Twp. 5 Rge. 22W E

330 Feet from S (circle one) Line of Section

2390 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-28A Well # 1

Field Name _____

Producing Formation L/KC

Elevation: Ground 2239 KB 2244

Total Depth 3670 PSTD 3640

Amount of Surface Pipe Set and Cemented at 258 Feet

Multiple Stage Cementing Collar Used? X Yes _____ No

If yes, show depth set 1824 Feet

If Alternate II completion, cement circulated from 1824 ✓

feet depth to surface w/ 290 sx cmt.

Drilling Fluid Management Plan Not II Done 12-95
(Data must be collected from the Reserve Pit)

Chloride content 900 ppm Fluid volume 534 bbls

Dewatering method used evaporation

Location of fluids _____ site: 3-11-97

Operator Name _____

Lease Name _____ Licen MAR 11 1997

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

Operator: License # 4767

Name: Ritchie Exploration, Inc.

Address: 125 N. Market, Suite 1000

City/State/Zip Wichita, KS 67202

Purchaser: Texaco

Operator Contact Person: Lisa Thimmesch

Phone (316) 267-4375

Contractor: Name: White & Ellis

License: 5420

Wellsite Geologist: R. Milford

Designate Type of Completion _____
X New Well _____ Re-Entry _____ Workover

X Oil _____ SWD _____ SIOW _____ Temp. Abd.
_____ Gas _____ ENHR _____ SIGW
_____ Dry _____ Other (Core, WSM, 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. _____

9-15-94 9-22-94 10-27-94
Spud Date Date Reached TD Completion Date

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.

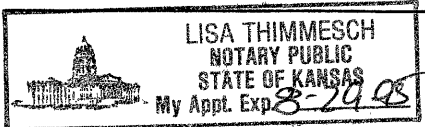
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature [Signature]
Title President Date 1/3/95

Subscribed and sworn to before me this 3rd day of December, 19 95.

Notary Public [Signature]

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 _____
 KGS _____ Plug _____ Other _____
STATE CORPORATION COMMISSION
JAN 0 4 1995
DIVISION
WICHITA, KANSAS

1-4-95

Operator Name Ritchie Exploration, Inc. Lease Name White 28A Well # 1

Sec. 28 Twp. 5 Rge. 22W East West County Norton

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

List All E.Logs Run:
 Radiation Guard Log

See attached sheet

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"	28#	258	60/40 poz	200	2% gel 3% CC
production	7 7/8"	4 1/2"	10.5#	3666	common ASC	150	5% Gilsonite
						1655x	

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	3630'-3632' L/KC 220' zone		
3	3600'-3603' L/KC 180' zone	500 gal 28% & 500 gal 15%	180' zone

PLEASE KEEP THIS INFORMATION CONFIDENTIAL

TUBING RECORD 2 3/8" Set At 3634' Packer At NA Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 10-27-94 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil 4.64 Bbls. Gas Mcf Water 20.04 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.

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

#1 White-28A
NE NE NW
Section 28-5S-22W
Norton County, Kansas
API# 15-137-20,393
Elevation: 2239' G.L. 2244' K.B.

CONFIDENTIAL

ELECTRIC LOG TOPS

Anhydrite	1850' (+ 394)
B/Anhy	1880' (+ 364)
Topeka	3210' (- 966)
Heebner	3409' (-1165)
Toronto	3436' (-1192)
Lansing	3455' (-1211)
B/KC	3640' (-1396)
LTD	3668' (-1424)

DST #1 from 3403' to 3445' (Toronto). Recovered 10' of mud with oil spots in tool.

IFP:29-29#/30"; ISIP:760#/30";
FFP:38-38#/30"; FSIP:663#/30".

DST #2 from 3445' to 3496' (Top & 35' zone). Recovered 5' of oil and mud cut water (20% oil, 25% mud, 55% water) and 420' of slightly oil spotted muddy water (25% mud, 75% water).

IFP:52-112#/45"; ISIP:1092#/45";
FFP:164-194#/45"; FSIP:1009#/45".

DST #3 from 3491' to 3526' (50', 70' and 90' zones). Recovered 45' muddy water with oil spots, and 60' muddy water.

IFP:37-44#/45"; ISIP:1236#/45";
FFP:52-67#/45"; FSIP:1213#/45".

DST #4 from 3582' to 3615' (180' zone). Recovered 515' gas in pipe, 230' clean gassy oil (15% gas, 85% oil), and 120' gassy heavy oil cut mud (10% gas, 40% oil, 50% mud). 350' total fluid.

IFP:86-105#/30"; ISIP:895#/45";
FFP:144-163#/30"; FSIP:798#/45".

RELEASED

MAR 11 1997

FROM CONFIDENTIAL

PLEASE KEEP THIS
INFORMATION
CONFIDENTIAL

RECEIVED
STATE OIL AND GAS COMMISSION

JAN 04 1995

REGISTRATION DIVISION
WICHITA, KANSAS

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

CONFIDENTIAL
 ORIGINAL

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

ALLIED CEMENTING CO., INC.

3931

Home Office P. O. Box 31

Russell, Kansas 67665

New

Date	9-21-94	Sec.	28	Twp.	5	Range	22	Called Out		On Location	1030PM	Job Start		Finish	4:00AM
Lease	White 28A	Well No.	1	Location	Hill City 13 N 1 1/2 E			County	Norton	State	Kan				

Contractor	White and Ellis	
Type Job	Prod String	
Hole Size	7 7/8	T.D. 3670'
Csg.	4 1/2	Depth 3666'
Tbg. Size		Depth
Drill Pipe		Depth
Tool	Baker Port Collar	Depth 1825'
Cement Left in Csg.	22'	Shoe Joint 22.8
Press Max.		Minimum
Meas Line	✓	Displace
Perf.		

Owner	2N 1 1/4 E	
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 Exp.	
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	[Signature]	
Amount Ordered	165 ASC 5% 6.1	

EQUIPMENT

Pumptrk	No.	Cementor	McAdoo
	153	Helper	Dave F
Pumptrk	No.	Cementor	
		Helper	
Bulktrk		Driver	Paul Davis
	160	Driver	

Consisting of		
Common	165 ASC	8.35 1377.75
Poz. Mix		
Gel.		
Chloride		
Quickset	Gel 776 #	.39 302.64
	ASF Mud Flush 500	100 500.00
Sales Tax		
Handling	RELEASED	1.00 165.00
Mileage	54m	.04 356.40
MAR 11 1997 Sub Total		
FROM CONFIDENTIAL		Total 2706.79

DEPTH of Job

Reference:	Pump Truck	980.00
	Plug	33.00
	2 25 Permille 54m	121.50
	Sub Total	1134.50
	Tax	
	Total	

Remarks:

Rotating Pipe White
 Cementing
 Float Held
 plug Rot hole w/ 15pk

Floating Equipment	Baker 4 1/2	
	Port Collar	\$ 1680.00
	G Shoe	109.00
	Insert	109.00
	6 Turbo Cent	318.00
	1 Basket	100.00
		\$ 2389.00

RECEIVED
 STATE COMMISSION
 JAN 0 1995
 DIVISION

ORIGINAL

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

Phone 913-625-5516, Hays, KS
Phone 913-672-3471, Oakley, KS

Phone 316-886-5926, Medicine Lodge, KS
Phone 913-798-3843, Ness City, KS

ALLIED CEMENTING CO., INC.

7773

Home Office P. O. Box 31

Russell, Kansas 67665

CONFIDENTIAL

New

Date	10-7-94	Sec.	21	Fwp.	5 s	Range	22 w	Called Out	5:00AM	On Location	8:40AM	Job Start	9:00AM	Finish	1:00 PM
Lease	White	Well No.	28-A-1	Location	Hill City N To Co Line			County	Norton	State	KANSAS				

Contractor	LEON'S DRIG. SERVICE	
Type Job	PORT COLLAR (CIRC. CEMENT)	
Hole Size	T.D.	
Csg.	4 1/2	Depth
Tbg. Size	2"	Depth
Tool	BAKER PORT COLLAR	Depth 1823'
Cement Left in Csg.	Shoe Joint	
Press Max.	4,000#	Minimum 300#
Meas Line	Displace RELEASED	

Owner	2 E 1 N 1 E into	
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 Kansas
The above was done to satisfaction and supervision of owner agent or contractor.		
Purchase Order No.		
X.		

Perf. EQUIPMENT MAR 11 1997

No.	Cementer	FROM CONFIDENTIAL
Pumptrk #177	Helper	
No.	Cementer	
Pumptrk	Helper	
	Driver	Paul
Bulktrk #254	Driver	

Amount Ordered	2 SK SAND	
	290 SK 50/50	6 20 Gel 1/4 F10-SEAL 4 PER SK
Consisting of		
Common	145 @ 575	833 75
Poz. Mix	145 @ 300	435 00
Gel.	15 @ 900	135 00
Chloride		
Quicksort	2 @ 525	10 50
Flo Seal	3 @ 27 50	82 50
Sales Tax		

DEPTH of Job		
Reference:	Pump Truck CHRG	525 00
	225 Per Mile	117 00
	Sub Total	
	Tax	
	Total	642 00

Handling	@ 1 00	290 00
Mileage	4 1/2 / 56 / Mile	603 20
52		
Sub Total		
Total		2389 95
Floating Equipment		

Remarks: BRIDGE PLUG @ 3200' TUBING @ 2130', LOAD HOLE & TEST BRIDGE PLUG TO 1,000#, SPOT 2SK SAND. CAME UP TO 1823', PRESSURED CSG. TO 300' & OPENED PORT COLLAR, HAD GOOD CIRCULATION. MIXED APPROX. CEMENT, & CEMENT CIRCULATED AROUND ANNULAS. (CARL GOODRAW - STATE) DISPLACED 6 1/4" & CLOSED TOOL, PRESS UP TO 1,000# & (HELD). RAN 5 JTS CLEAN. RAN DOWN TO BRIDGE PLUG & WASHED SAND OFF.

JAN 28 1995
STATE COMMISSION
DIVISION

CONFIDENTIAL

ORIGINAL

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

Phone 913-625-5516, Hays, KS
Phone 913-672-3471, Oakley, KS

Phone 316-886-5926, Medicine Lodge, KS
Phone 913-798-3843, Ness City, KS

ALLIED CEMENTING CO., INC.

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

7024

New

Date	9-16-94	Sec.	28	Twp.	5	Range	22 ^W	Called Out	9:30 PM	On Location		Job Start		Finish	2:00 AM
Lease	White - 28A	Well No.	1	Location	Hill City 14N 1/2 E 2N			County	Norton	State	KS				
Contractor	White & Ellis Dily											Owner	IE		
Type Job	Surface														
Hole Size	12 1/4	T.D.	259												
Csg.	8 1/2	Depth	258												
Tbg. Size		Depth													
Drill Pipe		Depth													
Tool		Depth													
Cement Left in Csg.	10' 15"	Shoe Joint													
Press Max.		Minimum	RELEASED												
Meas Line	✓	Displace	MAR 11 1997												
Perf.															

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish
cement and helper to assist owner or contractor to do work as listed.

Charge To *Ritchie Exploration Inc*
Street *125 N. Market # 1000*
City *Wichita* State *Kansas*
The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.
X *Steve Kilgore*
CEMENT

Amount Ordered	<i>20% 3% cc 2% gel</i>		
Consisting of			
Common	1200	5 75	690.00
Poz. Mix	800	3 00	240.00
Gel.	400	9 00	36.00
Chloride	600	25 00	150.00
Quickset			

EQUIPMENT FROM CONFIDENTIAL

Pumptrk	No.	Cementer	<i>Dave</i>
	<i>153</i>	Helper	
Pumptrk	No.	Cementer	
		Helper	
Bulktrk		Driver	<i>Jason</i>
	<i>213</i>	Driver	

DEPTH of Job		
Reference:	<i>Pumptrk chg</i>	<i>130 00</i>
	<i>2 1/2 per mile 54m</i>	<i>121.50</i>
	<i>8 1/2 expansion plug</i>	<i>42 00</i>
	Sub Total	<i>593.50</i>
	Tax	
	Total	

Remarks:
Cement Ctr ✓

Handling	<i>@ 1 00</i>	<i>200.00</i>
Mileage	<i>4 1/2 / 50 / 4 mi 54m</i>	<i>432.00</i>
Sub Total		<i>1748.00</i>
Total		

Floating Equipment

SEP 9 4
10 SEP 20 2 5
RECEIVED
PLANNING DEPARTMENT
JAN 0 4 1995
DIVISION
WICHITA, KANSAS