

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

ORIGINAL

API NO. 15- 137-20,378 ⁻⁰⁶⁻⁰⁰ ~~MAR 0 9~~

County Norton

SW SE SW Sec. 28 Twp. 5S Rge. 22W E

330 Feet from S/N (circle one) Line of Section
3630 Feet from E/W (circle one) Line of Section

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

Lease Name White 28B Well # 1

Field Name unknown

Producing Formation NA

Elevation: Ground est 2360' KB 2365'

Total Depth 3805 PBDT NA

Amount of Surface: 248 Feet

Multiple Stage Cementing Collar: Yes X No

If yes, show depth set NA Feet

If Alternate II completion, cement circulated from 248

feet depth to surface w/ 180 sx cmt.

Drilling Fluid Management Plan NA (Data must be collected from the Reserve Pit)

Chloride content 2,000 ppm Fluid volume 238 bbls

Dewatering method used evaporation

Location of fluid disposal if hauled offsite: NA

Operator Name _____

Lease Name _____ License No. _____

Quarter _____ S Rng. _____ E/W _____

County _____ Docket No. _____

Operator: License # 4767

Name: Ritchie Exploration, Inc.

Address 125 N. Market, Suite 1000
Wichita, Kansas 67202

City/State/Zip _____

Purchaser: NA

Operator Contact Person: Jeff Christian

Phone (316) 267-4375

Contractor: Name: Murfin Drilling Company, Inc.

License: 30606

Wellsite Geologist: Kevin Kessler

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

_____ Oil _____ SWD _____ SLOW _____ Temp. Abd.
_____ Gas _____ ENHR _____ SIGW
X Dry _____ Other (Core, WSW, Exp. _____)

If Workover/Re-Entry: old well info as follows:

Operator: _____ MAR 10 1992

Well Name: _____ 3-10-92

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. _____

1-25-92 1-31-92 2-1-92
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 _____
Title President Date 3-10-92

Subscribed and sworn to before me this 10th day of March, 19 92

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)
7 1994

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

RELEASED
4-7-94
FROM CONFIDENTIAL

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

Sec. 28 Twp. 5S 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

SEE ATTACHED PAGE

List All E.Logs Run:

RA Gua

**PLEASE KEEP THIS
 INFORMATION
 CONFIDENTIAL**

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#	248'	60/40 POZ	180	2% gel 3% CC

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
<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

TUBING RECORD Size Set At Packer At Liner Run Yes No

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

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
 (If vented, submit ACO-18.)
 Open Hole Perf. Dually Comp. Commingled
 Other (Specify) _____

ORIGINAL

KCC

MAR 09

CONFIDENTIAL

ACO-1 - PAGE 2

#1 White 28B
SW SE SW
Section 28-5S-22W
Norton County, Kansas
API # 15-137-20,378

RELEASED

APR 7 1994

FROM CONFIDENTIAL

PLEASE KEEP THIS
INFORMATION
CONFIDENTIAL

LOG TOPS

Anhydrite	1990' (+ 381)
B/Anhydrite	2020' (+ 351)
Topeka	3348' (- 977)
Heebner	3544' (-1173)
Toronto	3578' (-1199)
Lansing	3588' (-1217)
B/KC	3770' (-1399)
LTD	3803' (-1432)

DST #1 from 3540' to 3615'
(Toronto & Top zone).
Recovered 30' of oil spotted
mud.

IFP:15-17#/45"; ISIP:1137#/45";

FFP:17-19#/45"; FSIP:1103#/45".

NOTE: Pipe strap at 3615'
indicates a 6.5' uphole
correction. No correction made.

DST #2 from 3609' to 3630' (35'
zone). Recovered 375' of muddy
water, no show of oil.

IFP:32-104#/30"; ISIP:1075#/30";

FFP:131-181#/30"; FSIP:975#/30".

NOTE: Pipe strap at 3630'
indicates a 3.5' uphole
correction. No correction made.

DST #3 from 3627' to 3660' (50'
& 90' zones). Recovered 10' of
mud with few oil spots.

IFP:23-23#/30"; ISIP:1107#/30";

FFP:23-23#/30"; FSIP:1055#/30".

DST #4 from 3716' to 3745'

(180' zone). Recovered 90' of muddy water with few specks of oil.

IFP:26-43#/45"; ISIP:276#/60";

FFP:47-60#/45"; FSIP:271#/60".

RECEIVED
KANSAS CORPORATION COMMISSION

MAR 10 1992

CONSERVATION DIVISION
WICHITA, KS

Russell, Kansas
93-5861, Great Bend, Kansas

ORIGINAL

KCC

Phone Plainville 913-434-2812

Phone Ness City 913-798-3843

New

MAR 09

CONFIDENTIAL

ALLIED CEMENTING CO., INC.

2392

Home Office P. O. Box 31

Russell, Kansas 67665

Date	2-1-92	Sec.	28	Twp.	5 ^s	Range	22 ^w	Called Out	5:00 A.M.	On Location	6:30 A.M.	Job Start	10:00 A.M.	Finish	12:30 P.M.
Lease	White 28-"B"	Well No.	1	Location				Hill City 14N2E1N½E	County	Norton	State	Ks.			

Contractor	Martin Drilling Co.	Rig #8	
Type Job	Plug		
Hole Size	7 7/8"	T.D.	3805'
Csg.	8 7/8"	Depth	248'
Tbg. Size		Depth	
Drill Pipe		Depth	
Tool		Depth	
Cement Left in		Shoe Joint	
Press Max.		Minimum	
Meas Line		Displace	
Perf.			

PLEASE KEEP THIS INFORMATION CONFIDENTIAL

EQUIPMENT		
No.	Cementer	
Pumptrk 191	Helper	Gary H. Wayne Mo.
Pumptrk	Helper	
Bulktrk #218	Driver	Mark D.
Bulktrk	Driver	

DEPTH of Job		
Reference:		
#8	Pump truck - plug	# 380.00
#13	mileage @ 2.00/mi.	104.00
	1-8 7/8" dry hole plug	21.00
	Sub Total	# 505.00
	Tax	
	Total	

copy of this 2/06/92 JS

Remarks:
 1st plug @ 2010' w/25 sks.
 2nd plug @ 1215' w/100 sks.
 3rd plug @ 300' w/40 sks.
 8 7/8" plug @ 40' w/10 sks to surface.
 Plugged rat hole w/15 sks.

Owner	Same
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.	
X	<i>[Signature]</i>

CEMENT	
Amount Ordered	190 sks @ 40 goz 68 gel with
Consisting of	1/4 # of Floseal/sk.
Common	114 sks @ 5.25/sk. # 598.50
Poz. Mix	76 sks @ 2.25/sk. 171.00
Gel.	7 sks @ 6.25/sk. (used 10 sks) 49.25
Chloride	
Quickset	
	Floseal - 48 # @ 1.00/16. 48.00
Sales Tax	
Handling	@ 1.00/sk. (190 sks) 190.00
Mileage	@ 0.44/sk./mi (52 mi.) 395.20
Sub Total	# 1449.95
Total	

Floating Equipment
RECEIVED Thanks
 KANSAS CORPORATION COMMISSION

MAR 10 1992
 CONSERVATION DIVISION
 WICHITA, KS
 RELEASED
 APR 7 1994
 FROM CONFIDENTIAL

FEB 5 1992

ALLIED CEMENTING CO., INC.

2386

Home Office P. O. Box 31

Russell, Kansas 67665

Date	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
1-25-92	28	S ⁵	22 ^W	5:00 P.M.	8:00 P.M.	8:45 P.M.	9:15 P.M.
Lease White 28-B		Well No. 1	Location Hill City 14N2E1N½E		County Norton	State Ks.	
Contractor MunRu Dng. Co.				Rig # 8		Owner Same	

Type Job	Set Surface Pipe		
Hole Size	12 1/4"	T.D.	249'
Csg.	8 7/8"	Depth	248'
Tbg. Size		Depth	
Drill Pipe		Depth	
Tool		Depth	
Cement Left in Csg.	15'	Shoe Joint	
Press Max.		Minimum	
Meas Line	X	Displace	
Perf.			

PLEASE KEEP THIS INFORMATION CONFIDENTIAL EQUIPMENT

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 Exploratory, 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]*

CEMENT	
Amount Ordered	180 sks 60/40 poz 26 gel, 36 c.c.
Consisting of	
Common	108 sks @ 5.25/sk. \$567.00
Poz. Mix	72 sks @ 2.25/sk. 162.00
Gel.	3 sks N/C
Chloride	5 sks @ 21.00/sk. 105.00
Quickset	

No.	Cementer	Helper
Pumptrk 191	Gary H.	Manly K.
No.	Cementer	Helper
Pumptrk		
	Driver	
Bulktrk #212	Joe S.	
Bulktrk	Driver	
Bulktrk		

Handling	21.00/sk. (180 sks)	180.00
Mileage	2.04 @ 1/sk./mi. (52 mi.)	374.40
Sub Total		1388.40
Total		

DEPTH of Job		
Reference #1	Pump truck-surface	\$380.00
#13	mileage @ 2.00/mi.	104.00
	1-8 7/8" rubber plug	73.00
	Sub Total	\$557.00
	Tax	
	Total	

Remarks: Cement Circulated.

copy to file 1-28-92 SRS

Floating Equipment RECEIVED Ks RELEASED
 KANSAS CORPORATION COMMISSION
 APR 7 1994
 MAR 10 1992
 CONSERVATION DIVISION WICHITA, KS
 FROM CONFIDENTIAL
 JAN 28 1992