RELEASED
9-9-92
ORIGINAL
SEP 09 1992
FROM CONFIDENTIA

SIDE ONE

KCC
AUG 13
CONFIDENTIAL

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

API NO. 15- 163-23,170-00-00

County Rooks

90' E of NW NW NE Sec. 19 Twp. 6S Rge. 20 X East West

4950 Ft. North from Southeast Corner of Section

2220 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Operator: License # 4767

Name: Ritchie Exploration, Inc.

Address 125 N. Market, Suite 1000

City/State/Zip Wichita, KS 67202

Purchaser: n/a

Operator Contact Person: Leah Kasten

Phone (316) 267-4375

Contractor: Name: Murfin Drilling Co.

License: 30606

Wellsite Geologist: Jeff Christian

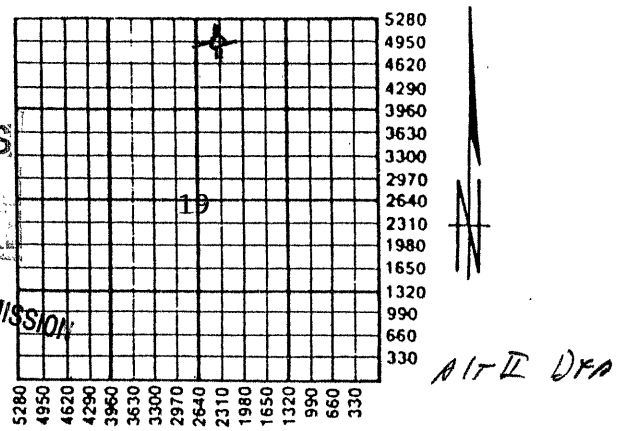
Lease Name Wyrill-19A Well # 2

Field Name Todd NE

Producing Formation n/a

Elevation: Ground 2286' KB 2291'

Total Depth 3830' PBTD n/a



PLEASE KEEP THIS INFORMATION CONFIDENTIAL

RECEIVED
KANSAS CORPORATION COMMISSION
SEP 16 1991
9-16-91
CONSERVATION DIVISION
WICHITA, KS

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

____ Oil ____ SWD ____ Temp. Abd.
____ Gas ____ Inj ____ Delayed Comp.
X Dry ____ Other (Core, Water Supply etc.)

If OWWO: old well info as follows:
Operator:

Well Name:

Comp. Date ____ Old Total Depth ____

Drilling Method:
X Mud Rotary ____ Air Rotary ____ Cable

6/03/91 Spud Date
6/10/91 Date Reached TD
6/10/91 Completion Date

Amount of Surface Pipe Set and Cemented at 207' Feet

Multiple Stage Cementing Collar Used? ____ Yes X No

If yes, show depth set n/a Feet

If Alternate II completion, cement circulated from 207'

feet depth to surface w/ 170 sx cmt.

Alt II DFA

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 8/14/91

Subscribed and sworn to before me this 14th day of August, 19 91.

Notary Public Linda K. Rice

LINDA K. RICE
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 6-7-92

Date Commission Expires

K.C.C. OFFICE USE ONLY
F ✓ Letter of Confidentiality Attached
C ✓ Wireline Log Received
C ✓ Drillers Timelog Received

Distribution
✓ KCC ____ SWD/Rep ____ NGPA
____ KGS ____ Plug ____ Other (Specify)

Form ACO-1 (7-89)

P1

SIDE TWO

Operator Name Ritchie Exploration, Inc. Lease Name Wyrill-19A Well # 2

Sec. 19 Twp. 6S Rge. 20W ☐ East ☒ West County Rooks

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 (Attach Additional Sheets.) ☒ Yes ☐ No

Samples Sent to Geological Survey ☒ Yes ☐ No

Cores Taken ☐ Yes ☒ No

Electric Log Run (Submit Copy.) ☒ Yes ☐ No

(See attached page).

PLEASE KEEP THIS INFORMATION CONFIDENTIAL

Formation Description

☒ Log ☐ Sample

Name Top Bottom

(See attached page).

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	12½"	8-5/8"	28#	207'	60/40 poz	170	2%gel, 3%CC

PERFORATION RECORD

Shots Per Foot	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 Production 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:

☐ Vented ☐ Sold ☐ Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION

☐ Open Hole ☐ Perforation ☐ Dually Completed ☐ Commingled

☐ Other (Specify) _____

Production Interval

_____

_____

RELEASED

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

KCC
AUG 13
CONFIDENTIAL

ORIGINAL
SEP 09 1992
FROM CONFIDENTIA

#2 Wyrill-19A
90' E of NW NW NE
Section 19-6S-20W
Rooks County, Kansas
API# 15-163-23,170
License #4767

ACO-1 form
Page 2

PLEASE KEEP THIS
INFORMATION
CONFIDENTIAL

DRILL STEM TESTS

DST #1 from 3442' to 3465' (Oread). Recovered 310' of salt water.
IFP:67-105#/30";ISIP:980#/30";
FFP:134-153#/30";FSIP:932#/30".

DST -#2 from 3494' to 3555' (Toronto & Top zone). Recovered 5' of mud with few oil spots.
IFP:76-76#/30";ISIP:576#/30";
FFP:76-76#/30";FSIP:548#/30".

DST #3 from 3555' to 3620' (35'-90' zones). Recovered 330' of muddy water, few spots of oil on top.
IFP:67-105#/30";ISIP:1209#/45";
FFP:144-182#/30";FSIP:1200#/45".

DST #4 from 3701' to 3756' (L/KC 220' & Marmaton). Recovered 7' of mud.
IFP:67-67#/30";ISIP:490#/30";
FFP:67-67#/30";FSIP:327#/30".

ELECTRIC LOG TOPS

Anhydrite	1884'(+ 407)
B/Anhydrite	1918'(+ 373)
Topeka	3286'(- 995)
Heebner	3492'(-1201)
Toronto	3515'(-1224)
Lansing	3531'(-1240)
B/KC	3720'(-1429)
Cong. sand	3764'(-1473)
Arbuckle	3775'(-1484)
LTD	3828'(-1537)

RECEIVED
KANSAS CORPORATION COMMISSION
SEP 16 1991
CONSERVATION DIVISION
WICHITA, KS

DST #5 from 3750' to 3770' (Congl. sand). Recovered 15' of free oil and 90' of watery mud (65% mud, 35% water).
IFP:67-76#/45";ISIP:490#/60";
FFP:86-96#/45";FSIP:461#/60".

DST #6 from 3769' to 3781' (Arbuckle). Recovered 10' of free oil and 80' of oil cut watery mud (5% oil, 60% mud, 35% water).
IFP:57-57#/45";ISIP:480#/60";
FFP:76-76#/45";FSIP:461#/60".

Phone 31[illegible]-793-5861, Great Bend, Kansas

Phone Ness C[illegible]

ALLIED CEMENTING CO., INC.

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

RECEIVED ORIGINAL SEP 0[illegible]

New

AUG 1 5

FROM CONFIDENTIAL

Date	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
6-3-91	19	6 S	20 W CONFIDENTIAL	4:00 PM	6:45 PM	9:15 PM	9:30 PM

Lease	Well No.	Location	County	State
Wy Rill 19-A	#2	OLD 24 HWY + LOGAN RD	ROOKS	KANSAS

Contractor MURFIN DRLG. CO. Rig # 6

Type Job SURFACE

Hole Size	12¼	T.D.	208'
Csg.	8 5/8 28#	Depth	207
Tbg. Size		Depth	
Drill Pipe		Depth	
Tool		Depth	
Cement Left in Csg.	15'	Shoe Joint	
Press Max.		Minimum	
Meas Line	✓	Displace	✓ 12 BBL
Perf.			

PLEASE KEEP THIS INFORMATION CONFIDENTIAL

Owner 5N 2W ½N ½E 4N int

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 # 1000

City Wichita State KANSAS

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

Purchase Order No.

X

EQUIPMENT

Pumptrk #177 No.	Cementer	Shane
	Helper	Will
Pumptrk No.	Cementer	
	Helper	
Bulktrk #213	Driver	Joe
Bulktrk	Driver	

CEMENT

Amount Ordered 170 sk 60/40 2% gel 3% cc

Consisting of

Common	102 @ 5.25	535.50
Poz. Mix	68 @ 2.25	153.00
Gel.	3 @ N/C	N/C
Chloride	5 @ 21.00	105.00
Quickset		
	Sales Tax	
Handling	170 @ 1.00	170.00
Mileage	4¢/sk/Mile	244.80
36	Sub Total	
	Total	1208.30

Floating Equipment

DEPTH of Job

Reference:	Pump Truck chrg.	380.00
	2.00 per mile	72.00
1-8 5/8	Wooden Wiper Plug	42.00
	Sub-Total	
	Tax	
	Total	494.00

Remarks:

Cement Circulated

Thanks

RECEIVED
KANSAS CORPORATION COMMISSION

SEP 16 1991

CONSERVATION DIVISION
WICHITA, KS

JUN 10 1991

Phone 316-793-5861, Great Bend, Kansas

Phone Ness City 913-

ORIGINAL

ALLIED CEMENTING CO., INC.

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

RELEASED
No. 21
SEP 09

AUG 15

CONFIDENTIAL

FROM CONFIDENTIAL

Date	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
6-10-91	19	6	20	10:00 AM	2:00 PM	5:30 PM	9:15 P

Lease Wyrill-A Well No. #2 Location Damar 8N 1E 5N 2W 1/2N 1/2E County Rooks State Kansas

Contractor Murfin Drlg Rig 8

Type Job Plug

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.

Hole Size	7 7/8"	T.D.	3830'
Csg.	8 5/8"	Depth	208'
Tbg. Size		Depth	
Drill Pipe		Depth	
Tool		Depth	
Cement Left in Csg.		Shoe Joint	
Press Max.		Minimum	
Meas Line		Displace	
Perf.			

PLEASE KEEP THIS INFORMATION CONFIDENTIAL

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 Ruth J. Wyrill

EQUIPMENT

#191 Pumptrk No.	Cementer	M Kaufman
	Helper	Wayne M.
Pumptrk No.	Cementer	
	Helper	
#155 Bulktrk	Driver	Jason C.
Bulktrk	Driver	

CEMENT

Amount Ordered 225 sks 60/40 Poz 6% Gel

Consisting of

Common	135	sks @	5.25	708.75
Poz. Mix	90	sks @	2.25	202.50
Gel.	8	sks @	6.75	54.00
Chloride				
Quickset				
			Sales Tax	
Handling	1.00 per sk			225.00
Mileage	4¢ per sk/mi			324.00
36 mile			Sub Total	
			Total	1,514.25
Floating Equipment				

RECEIVED
KANSAS CORPORATION COMMISSION
SEP 16 1991
CONSERVATION DIVISION
WICHITA, KS

DEPTH of Job

Reference:		
#	Pump Trk	380.00
	1-8 5/8" Plug	21.00
	2.00 per mile	72.00
	Sub Total	
	Tax	
	Total	473.00

Remarks:
25 sks @ 3764
25 sks @ 1910'
100 sks @ 1190'
40 sks @ 260'
10 sks @ 40
15 sks in Rat Hole
10 sks in Mouse Hole

JUN 13 1991

PRINTED

SIGNATURE

PAGE 1

7-91