

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

API NO. 15- 025-21119-0000

ORIGINAL

County Clark

SW SE- 680 719 Sec. 23 Twp. 30S Rge. 22W

Operator: License # 4767

CONFIDENTIAL

Feet from SW (circle one) Line of Section

Name: Ritchie Exploration

Feet from SW (circle one) Line of Section

Address 125 N. Market, Suite 1000

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

City/State/Zip Wichita, KS 67202

Lease Name Blau Well # 1

Purchaser: N/A

Field Name _____

Operator Contact Person: Jeff Christian

Producing Formation N/A

Phone (316) 267-4375

Elevation: Ground 2347 KB 2356

Contractor: Name: Murfin Drilling Co., Inc

Total Depth 5400 PBTD _____

License: 30606

Amount of Surface Pipe Set and Cemented at 597 Feet

Wellsite Geologist: J. Christian

Multiple Stage Cementing Collar Used? _____ Yes _____ No

Designate Type of Completion

New Well _____ Re-Entry _____ Workover _____

If yes, show depth set _____ Feet

_____ Oil _____ SWD _____ SLOW _____ Temp. Abd.

If Alternate II completion, cement circulated from _____

Gas _____ ENHR _____ SIGW _____
 Dry _____ Other (Core, WSW, Expl., Cathodic, etc)

feet depth to _____ w/ _____ sx cmt.

If Workover:

Drilling Fluid Management Plan D&A 894 10-20-95
(Data must be collected from the Reserve Pit)

Operator: RELEASED

Chloride content 62,000 ppm Fluid volume 2,000 bbls

Well Name: _____

Dewatering method used hauled

Comp. Date _____ Old Total Depth 1111 15 1996

Location of fluid disposal if hauled offsite: **PLEASE KEEP THIS INFORMATION CONFIDENTIAL**

_____ Deepening _____ Re-perf. _____ Conv. to _____ SWD
_____ Plug Back _____ PABTD
_____ Commingled _____ Docket No. _____
_____ Dual Completion _____ Docket No. _____
_____ Other (SWD or Inj?) _____ Docket No. _____

Operator Name KBW Oil & Gas

10-20-94 10-30-94 10-30-94
Spud Date Date Reached TD Completion Date

Lease Name Harmon License No. 5993

NW Quarter Sec. 11 Twp. 33 S Rng. 20W E/W

County Comanche Docket No. 98,329

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 11/21/94

Subscribed and sworn to before me this 21 day of November, 1994.

Notary Public [Signature]

Date Commission Expires _____

K.C.C. OFFICE USE ONLY		
F	<input checked="" type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input checked="" type="checkbox"/>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/>	KCC	_____ SWD/Rep
_____	KGS	_____ Plug
_____		_____ NGPA
_____		_____ Other
(Specify)		

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

Rec'd 11-23-94

Operator Name Ritchie Exploration, Inc.

Lease Name Blau

Well # 1

Sec. 23 Twp. 30S Rge. 22W

East
 West

County Clark

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 sheet

List All E.Logs Run: Dual Induction Log
Dual Compensated Porosity Log

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	24 #	597'	180 Lite 125 Class A	205	3% CC 2% gel

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

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 <u>N/A</u> Bbls.	Gas <u>N/A</u> Mcf	Water <u>N/A</u> Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas: **METHOD OF COMPLETION** Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled

(If vented, submit ACO-18.) Other (Specify) _____

PLEASE KEEP THIS INFORMATION CONFIDENTIAL

ALLIED CEMENTING CO., INC.

15-025-2119-0000

0825

CONFIDENTIAL

ORIGINAL

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Medicine Lodge

DATE <u>10/20/94</u>	SEC <u>23</u>	TWP. <u>30S</u>	RANGE <u>22W</u>	CALLED OUT <u>8:00 PM</u>	ON LOCATION <u>12:00 AM</u>	JOB START <u>6:00 AM</u>	JOB FINISH <u>7:15 AM</u>
LEASE <u>Blau</u>	WELL # <u>1</u>	LOCATION <u>160+34 Jct 8N 3W 7 1/2 N E 15</u>			COUNTY <u>Clark</u>	STATE <u>KS</u>	

OLD OR NEW (Circle one)

CONTRACTOR <u>MURFIN Drilling #21</u>	OWNER <u>same</u>
TYPE OF JOB <u>CMT 8 3/4 Surface CSY</u>	CEMENT
HOLE SIZE <u>12 1/2</u>	T.D. <u>600</u>
CASING SIZE <u>8 3/4 24"</u>	DEPTH <u>596</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM <u>45</u>
MEAS. LINE	SHOE JOINT <u>45</u>
CEMENT LEFT IN CSG.	
PERFS.	

AMOUNT ORDERED			
<u>180 SKS 65/35 1.690 gel</u>	<u>37 cacl² 4# Flo-seal</u>		
<u>125 SKS Class A + 290 gel</u>	<u>370 cacl²</u>		
COMMON <u>125</u>	@ <u>5.75</u>		<u>718.75</u>
POZMIX	@		
GEL <u>2</u>	@ <u>9.00</u>		<u>18.00</u>
CHLORIDE <u>9</u>	@ <u>25.00</u>		<u>225.00</u>
<u>FLO-SEAL 45#</u>	@ <u>1.10</u>		<u>49.50</u>
<u>LETE-LATE 180</u>	@ <u>5.20</u>		<u>936.00</u>
	@		
	@		
	@		
HANDLING <u>305</u>	@ <u>1.00</u>		<u>305.00</u>
MILEAGE <u>305 x 80</u>	<u>.04</u>		<u>976.00</u>

EQUIPMENT

PUMP TRUCK # <u>266</u>	CEMENTER <u>Max Ball</u>
	HELPER <u>Justin Hart</u>
BULK TRUCK # <u>258</u>	DRIVER <u>Larry Dreiling</u>
BULK TRUCK #	DRIVER

JUL 15 1996

TOTAL \$ 3228.25

REMARKS: FROM CONFIDENTIAL SERVICE

CMT 8 3/4 Surface CSY with 180 SK 65/35 1.690 gel 37 cacl² 4# Flo-seal + 125 SKS Class A + 290 gel 370 cacl² Prop Plug Displace 35 MBL Land Plug close in Head cement did circulate

DEPTH OF JOB <u>596</u>		
PUMP TRUCK CHARGE <u>0-300'</u>		<u>430.00</u>
EXTRA FOOTAGE <u>296'</u>	@ <u>.39</u>	<u>115.44</u>
MILEAGE <u>80 mi</u>	@ <u>2.25</u>	<u>180.00</u>
PLUG <u>8 3/4 Rubber</u>	@ <u>83.00</u>	<u>83.00</u>
	@	
	@	

TOTAL \$ 809.44

CHARGE TO: Ritchie Exploration Co, Inc
STREET 125 N. Market Suite 100
CITY Wichita STATE Ko ZIP 67202

FLOAT EQUIPMENT

<u>1-8 3/4 Sawtooths Hoc</u>	@ <u>240.00</u>	<u>240.00</u>
<u>1-8 3/4 MaFFIc</u>	@ <u>105.00</u>	<u>105.00</u>
<u>2-8 3/4 Centralizers</u>	@ <u>61.00</u>	<u>122.00</u>
<u>1-8 3/4 Cement Basket</u>	@ <u>180.00</u>	<u>180.00</u>
	@	

TOTAL \$ 647.00

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 is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX	<u>- 0 -</u>
TOTAL CHARGE	<u>\$ 4683.69</u>
DISCOUNT	<u>\$ 936.73</u> IF PAID IN 30 DAYS

SIGNATURE

Bill [Signature]

ALLIED CEMENTING CO., INC.

15-025-21119-0000
0861

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Medicine Lodge, Ks

CONFIDENTIAL ORIGINAL

DATE 10-30-94	SEC. 23	TWP. 30S	RANGE 22W	CALLED OUT 1:00 P	ON LOCATION 5:00 P	JOB START 7:00 P	JOB FINISH 9:30 P
LEASE BIAU	WELL # 1	LOCATION Hwy 34, E Ashland Freder Sighn, 2 1/2 mi, N, 1/3			COUNTY CLARK	STATE KANSAS	

OLD OR (NEW) (Circle one)

CONTRACTOR Murphy Dels Bgs #21
 TYPE OF JOB KOTARY Plug
 HOLE SIZE 7 7/8 T.D. 5500
 CASING SIZE 8 5/8 DEPTH 596
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE 4 1/2 DEPTH 1390
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____

OWNER Richie Exploration
CEMENT

AMOUNT ORDERED 135 SK 60/40 6% GEL
1/4" # Flo-Cell 15K

COMMON	81	@	5.75	465.75
POZMIX	54	@	3.00	162.00
GEL	7	@	9.00	63.00
CHLORIDE		@		
<u>Cello-Flake 3H*</u>		@	1.10	37.40
		@		
		@		
		@		
		@		
HANDLING	135	@	1.00	135.00
MILEAGE	135 x 80		.04	432.00

RELEASED TOTAL \$1295.15

JUL 15 1996

SERVICE

REMARKS:

FROM CONFIDENTIAL

1st Plug 1390 w 50SK
 2nd Plug 690 w 50SK
 3rd Plug 40 w 10SK
 Kothole w 15SK
 Mousehole w 10SK
 135SK 60/40 6% GEL, 1/4" # Flo-Cell 15K

DEPTH OF JOB	1390		
PUMP TRUCK CHARGE			430.00
EXTRA FOOTAGE		@	
MILEAGE	80	@	2.25 180.00
PLUG 1-8578 Dry Hole		@	21.00 21.00
		@	
		@	

TOTAL \$631.00

CHARGE TO: Richie Exploration Inc.
 STREET 125 N. Market Suite 1000
 CITY Wichita STATE Ko ZIP 67202

FLOAT EQUIPMENT

	@		
	@		
	@		
	@		
	@		

TOTAL _____

OCT 9 4 1012910

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 is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE X David Cooper

TAX - 0 -
 TOTAL CHARGE \$1926.15
 DISCOUNT \$288.92 IF PAID IN 30 DAYS

RITCHIE EXPLORATION, INC.

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

15-025-21119-0000

ORIGINAL

2111 #1 Blau ^{719'}
~~2108'~~ FEL & ~~660'~~ FSL
 Section 23-30S-22W
 Clark County, Kansas
 API# 15-025-21,119
 Murfin Rig #21
 Elevation: 2347' G.L. 2356' K.B.

CONFIDENTIAL

RELEASED

JUL 15 1996

FROM CONFIDENTIAL

ELECTRIC LOG TOPS	Well
Heebner	4386' (-2030) +7
Lansing	4578' (-2222) +8
Stark	4920' (-2562) +10
B/KC	5023' (-2667) +11
Marmaton	5036' (-2680) +15
Cherokee	5200' (-2844) +17
B/Inola	5275' (-2919) +15
Miss Lst	5295' (-2939) +113
LTD	5398' (-3042)

DST #1 from 5005' to 5152' (Marmaton through Pawnee). Recovered 90' mud.

IFP:55-78#/30"; ISIP:1394#/45";
 FFP:67-88#/30"; FSIP:1305#/45".

DST #2 from 5273' to 5320' (Morrow through Mississippi). Gas to surface in three minutes. First open gauged 283 MCFGPD in 10" and decreased to 242 MCFGPD in 30". Second open gauged 300 MCFGPD in 10" and stabilized at 195 MCFGPD in 40". Recovered 240' gassy mud (20% gas, 80% mud).

IFP:78-78#/30"; ISIP:1493#/60";
 FFP:102-106#/60"; FSIP:1300#/90".

DST #3 from 5321' to 5335' (Mississippi). Recovered 150' gas in pipe, and 30' gas cut mud.

IFP:33-35#/30"; ISIP:178#/45";
 FFP:40-40#/30"; FSIP:245#/90".

Note: Rig broke down so final shut in period lasted 90" instead of 45".

PLEASE KEEP THIS
 INFORMATION
 CONFIDENTIAL