

CONFIDENTIAL**ORIGINAL**

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

Operator: License # 4767Name: Ritchie Exploration Inc.Address 125 North Market, Suite 1000City/State/Zip Wichita, Kansas 67202Purchaser: TexacoOperator Contact Person: Lisa ThimmeschPhone (316) 267-4375Contractor: Name: Duke Drilling Co., Inc.License: 5929Wellsite Geologist: Rocky MilfordDesignate Type of Completion
☒ New Well ☐ Re-Entry ☐ Workover

☒ Oil ☐ SWD ☐ SIOW ☐ Temp. Abd.
☐ Gas ☐ ENHR ☐ SIGW
☐ Dry ☐ Other (Core, VSW, 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. _____

02-14-96 02-23-96 3-17-96
Spud Date Date Reached TD Completion Date

API NO. 15- 135-23925 0000County Ness County, KansasNE -NE -NE Sec. 31 Twp. 19S Rge. 21 XXV^E400 Feet from S(N) (circle one) Line of Section400 Feet from E(W) (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)Lease Name Lyle Schaben Well # 2Field Name SchabenProducing Formation MississippianElevation: Ground 2270' KS 2279'Total Depth 4500' PSTD _____Amount of Surface Pipe Set and Cemented at 324.06 FeetMultiple Stage Cementing Collar Used? ☒ Yes ☐ NoIf yes, show depth set 1462.5 FeetIf Alternate II completion, cement circulated from 1462.5feet depth to surface w/ 185 sx cmt.Drilling Fluid Management Plan alt II 6-14-96
(Data must be collected from the Reserve Pit) EWChloride content 44,000ppm Fluid volume 692 bblsDewatering method used evaporationLocation of fluid disposal see note

Operator Name _____

Lease Name _____ License No. _____

Quarter Sec. _____ Twp. _____ Range _____ E/W _____

County _____ Docket No. _____

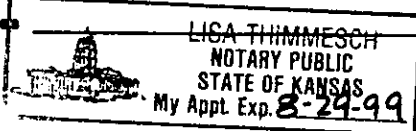
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on 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. 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 4/29/96Subscribed and sworn to before me this 29th day of April19 96Notary Public: Lisa Thimmesch

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	<input type="checkbox"/> SWD/Rep
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug
		<input type="checkbox"/> NGPA
		<input type="checkbox"/> Other
		(Specify)

SIDE TWO

Operator Name Ritchie Exploration Inc.Lease Name Lyle Schaben "P" Well # 2Sec. 31 Twp. 19S Rge. 21 ☐ East
☒ WestCounty Ness County, Kansas

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 ☐ NoCores Taken ☒ Yes ☐ NoElectric Log Run ☒ Yes ☐ No
(Submit Copy.)

List All E.Logs Run:

Borehole Compensated Sonic Integrated Transit Time Log
 Array Induction Shallow Focused Electric Log
 Spectral Gamma Ray Log, Compensated Neutron Compensated Photo-Density Log
 Gamma Ray Correlation Log

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#	324.06'	60/40 Poz	180	3%cc 2%gel
Production	7-7/8"	5-1/2"	14#	4494'	EA-2	160	18%salt

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	4400'-4404'	250 gal 7.5 INS dbl FE same

TUBING RECORD	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2 7/8"	4386'	NA		
Date of First, Resumed Production, SWD or Inj.	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)				
3-15-96					
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	53.00		97.00		

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) _____

CONFIDENTIAL

ORIGINAL

#2 Lyle Schaben "P"
400' FNL & 400' FEL NE/4
Section 31-19S-21
Ness County, Kansas
API# 15-135-23,925
Elevation: 2270' GL 2279' KB

15-135-23925-00-00

Log Tops

Anhydrite 1494' (+ 785)
B/Anhy 1529' (+ 750)
Heebner 3757' (-1478)
Lansing 3804' (-1525)
B/KC 4114' (-1835)
Pawnee 4220' (-1941)
Fort Scott 4304' (-2025)
Cherokee 4322' (-2043)
Mississippi 4390' (-2111)
LTD 4500' (-2205)

RELEASED

SEP 16 1998

FROM CONFIDENTIAL

APR 30

CONFIDENTIAL

DST #1 from 4318' to 4401' with straddle packers (Mississippi). Recovered 30' mud with an oil scum.

IFP:41-41#/30";ISIP:416#/30";

FFP:41-41#/30";FSIP:343#/30".

33003



15-135-23925-00-00

DALLAS, TX 75395-1046

HALLIBURTON

ORIGINAL

INVOICE NO.	DATE		
915145	02/24/1996		
WELL LEASE NO./PROJECT	WELL/PROJECT LOCATION	STATE	OWNER
SCHABEN "P" 2	NESS	KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE
	DUKE DRILLING #4	CEMENT PRODUCTION CASING	02/24/1996
CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA
BENNIE DILLS			COMPANY TRUCK
			FILE NO.
			04259

CONFIDENTIAL

15-135-23925
DIRECT CORRESPONDENCE TO:

RITCHIE EXPLORATION INC
125 N MARKET STE 1000
WICHITA, KS 67202

P O BOX 428
HAYS KS 67601
913-625-3431

FEB 96

1015098

INVOICE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
ING AREA - MID-CONTINENT		108 MI		2.85	307.80
-117 MILEAGE CEMENTING ROUND TRIP		1 UNT			1,670.00
-016 CEMENTING CASING		4500 FT		1,670.00	
-016 CEMENTING PLUG SW ALUM TOP		1 UNT			60.00
GUIDE SHOE - 5 1/2" 8RD THD		5 1/2 IN		60.00	
5.205 INSERT FLOAT VALVE - 5 1/2" 8RD		1 EA		121.00	121.00
5.19251 FILL-UP UNIT 5 1/2"-6 5/8"		1 EA		110.00	110.00
15.19313 CENTRALIZER-5-1/2 X 7-7/8		1 EA		69.00	69.00
06.60022 BASKET-CMT-5 1/2 CSG X 17"OD-		6 EA		60.00	360.00
06.71430 CASING SWIVEL W/O WALL CLEANER		1 EA		110.00	110.00
9-241 SUPER FLUSH		1 JOB		185.00	185.00
8-317 PORT COLLAR "B"		40 SK		100.00	1,000.00
13.0141 SALT		1 EA		1,350.00	1,350.00
2-968 CEMENT - STANDARD		300 LB		.15	45.00
4-308 SALT		160 SK		9.57	1,531.20
9-968 CAL SEAL 60		1250 LB		.15	187.50
8-127 HALAD-322		8 SK		25.90	207.20
7-775 D-AIR 1, POWDER		75 LB		7.00	525.00
7-970 BULK SERVICE CHARGE		38 LB		3.25	123.50
0-207 MILEAGE CMTG. MAT DEL OR RETURN		190 CFT		1.35	256.50
0-306		464.481 TMI		.95	441.26

INVOICE SUBTOTAL

6560.800
6200.970

4149.31

8,659.96

***** CONTINUED ON NEXT PAGE *****

TERMS: If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.

15-135-23925-00-00
ALLIED CEMENTING CO., INC.

1111

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

ORIGINAL

SERVICE POINT: Near City

DATE <u>2-29-96</u>	SEC <u>31</u>	TWP. <u>19</u>	RANGE <u>21</u>	CALLED OUT <u>7:00 AM</u>	ON LOCATION <u>9:30 AM</u>	JOB START <u>10:50 AM</u>	JOB FINISH <u>11:45 AM</u>
LEASE <u>Schoben</u>		WELL # <u>2</u>	LOCATION <u>Bayme 6S-E-Sinto</u>			COUNTY <u>Neosho</u>	STATE <u>KS</u>
OLD OR NEW (Circle one) <u>NEW</u>							

CONFIDENTIAL

CONTRACTOR <u>Plans</u>	
TYPE OF JOB <u>Port Collar</u>	
HOLE SIZE <u>7 3/8"</u>	T.D.
CASING SIZE <u>5 1/2"</u>	DEPTH
TUBING SIZE <u>2 3/8"</u>	DEPTH
DRILL PIPE	DEPTH
TOOL <u>Port Collar</u>	DEPTH <u>1462'</u>
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	

OWNER <u>Same</u>	CEMENT <u>(ALW)</u>
AMOUNT ORDERED <u>300 SKs 65/35 670 gal 4 1/2</u>	<u>5 gal on Side</u>
<u>110 gal 185 SKs</u>	<u>Sent per SIC</u>
COMMON <u>185 ALW</u>	@ <u>5.65</u> <u>1045.25</u>
POZMIX	@
GEL <u>5</u>	@ <u>9.50</u> <u>47.50</u>
CHLORIDE	@
<u>Flo Seal 46</u>	@ <u>1.15</u> <u>52.90</u>
HANDLING <u>300</u>	@ <u>1.05</u> <u>315.00</u>
MILEAGE <u>18</u>	@ <u>2.35</u> <u>42.30</u>
TOTAL <u>\$1676.65</u>	

EQUIPMENT

PUMP TRUCK # <u>181</u>	CEMENTER <u>Mike</u>	RELEASED <u>SEP 16 1998</u>
BULK TRUCK # <u>199</u>	HELPER <u>J. D.</u>	
BULK TRUCK #	DRIVER <u>B. I.</u>	FROM CONFIDENTIAL
BULK TRUCK #	DRIVER	

REMARKS:

Pressure casing to 1000' - Opened Port Collar - Mixed 55 Skagel - Then mixed 185 SKs cement - Cement circulated - Shut port collar - Pressure to 1000' - Held to 1000' - Checked tubing - Run to 1000' - Closed tubing again.
Thank you
Allied Cementing
Mike, J. D. B. II

DEPTH OF JOB <u>1462'</u>	
PUMP TRUCK CHARGE	<u>550.00</u>
EXTRA FOOTAGE	@
MILEAGE <u>18</u>	@ <u>2.35</u> <u>42.30</u>
PLUG	@
TOTAL	<u>\$592.30</u>

CHARGE TO: Ritchie Exploration
 STREET 125 N. Market Suite #1000
 CITY Wichita STATE Ks ZIP 67202

FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	
TOTAL		

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 Bennie Rice

TAX - 0 -
 TOTAL CHARGE \$2268.95
 DISCOUNT \$453.79 IF PAID IN 30 DAYS

Net \$1815.16

ALLIED CEMENTING CO., INC.

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

CONFIDENTIAL

ORIGINAL

SERVICE POINT

Neas

DATE 2-14-96 SEC. 31 TWP. 19 RANGE 21 CALLED OUT 3:00 PM ON LOCATION 4:15 PM JOB START 7:00 AM JOB FINISH 7:30 PM
LEASE Schoen WELL # 2nd LOCATION Bigeye 65-1E-Santa COUNTY Neas STATE KS
OLD OR NEW (Circle one)

CONTRACTOR Dyke
TYPE OF JOB Surface
HOLE SIZE 12 1/4" T.D. 324'
CASING SIZE 8 1/2" DEPTH 324'
TUBING SIZE 2 3/8" DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG. 15'
PERFS.

OWNER Same
CEMENT
AMOUNT ORDERED 180 60/40 2 3/8" 370 cc

COMMON 108 @ 6.10 658.80
POZMIX 72 @ 3.15 226.80
GEL 3 @ 9.50 28.50
CHLORIDE RELEASED @ 28.00 140.00

SEP 16 1998

FROM CONFIDENTIAL

HANDLING 180 @ 1.05 189.00
MILEAGE 18 @ 7.20 129.60

TOTAL \$1372.70

EQUIPMENT

PUMP TRUCK CEMENTER Mike
224 HELPER Bob
BULK TRUCK
199 DRIVER Bill
BULK TRUCK
DRIVER

REMARKS:

Ran 324' 10 1/2" 28# Casings. Broke
circulation with rig. Cemented with
180 60/40 2 3/8" Displaced with 195 BDI
fresh H₂O. Cement did circulate.

Thank you
Allied Cementing
Mike, Bob, Bill

DEPTH OF JOB 324'
PUMP TRUCK CHARGE 0-300' 445.00
EXTRA FOOTAGE 24' @ .41 9.84
MILEAGE 18 @ 2.35 42.30
PLUG TWP @ 45.00 45.00

TOTAL \$542.14

CHARGE TO: Ritchie Exploration
STREET 125 N. Market Suite #1000
CITY Wichita STATE KS ZIP 67202

FLOAT EQUIPMENT

TOTAL

TAX - 0 -
TOTAL CHARGE \$1914.84
DISCOUNT \$382.97 IF PAID IN 30 DAYS

Net \$1531.87

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 Rich Wheeler