

ORIGINAL SIDE ONE

Rec'd
02-22-91

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

API NO. 15-193-20,540-00-00
County, Thomas
100 E of
SW SE NW Sec. 35 Twp. 9S Rge. 36 East West

Operator: License # 4767
Name: Ritchie Exploration, Inc.
Address 125 N. Market, Suite 1000
City/State/Zip Wichita, KS 67202

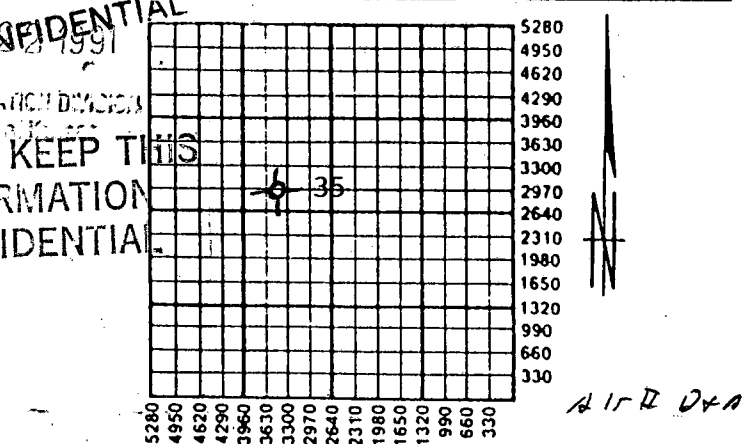
2970' Ft. North from Southeast Corner of Section
3530' Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Lease Name Kistler Well # 1
Field Name Shalz

Purchaser: n/a
Operator Contact Person: Bob Mathiesen
Phone (316) 267-4375

Producing Formation n/a
Elevation: Ground 3414' KB 3419'
Total Depth 4900' PBTD n/a

Contractor: Name: White & Ellis Drilling
License: 5420
Wellsite Geologist: Bob Mathiesen



Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp. Abd.
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply, etc.)

RELEASED
CONFIDENTIAL
PLEASE KEEP THIS INFORMATION CONFIDENTIAL

If OWO: old well info as follows:
Operator: _____
Well Name: _____
Comp. Date _____ Old Total Depth _____

Amount of Surface Pipe Set and Cemented at 298' Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

Drilling Method:
 Mud Rotary Air Rotary Cable
1/30/91 2/10/91 2/10/91
Spud Date Date Reached TD Completion Date

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.

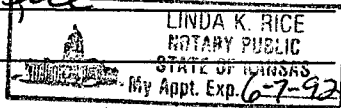
Signature _____

Title President Date 2/19/91

Subscribed and sworn to before me this 19th day of February, 1991.

Notary Public Linda K. Rice

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)

P1

SIDE TWO

Operator Name Ritchie Exploration, Inc.

Lease Name Kistler

Well # 1

Sec. 35 Twp. 9S Rge. 36

East

County Thomas

West

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.)

(See attached page).

Formation Description

Log Sample

Name

Top

Bottom

(See attached page).

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#	297'	60/40 poz	185	

PERFORATION RECORD

Shots Per Foot Specify Footage of Each Interval Perforated

Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth

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:

METHOD OF COMPLETION

Production Interval

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

Open Hole Perforation Dually Completed Conmingled

Other (Specify) _____

ORIGINAL
RITCHIE EXPLORATION, INC.

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

RECEIVED
STATE OF KANSAS
RELEASED

Ritchie Exploration, Inc.
#4767
#1 Kistler
100' E of SW SE NW
Section 35-9S-36W
Thomas County, KS
API# 15-193-20,540-00-00
ACO-1 form
Page 2

FFR 22 1990 3 0 1993

CONFIDENTIAL
FROM CONFIDENTIAL

PLEASE KEEP THIS
INFORMATION
CONFIDENTIAL

DRILL STEM TESTS:

ELECTRIC LOG TOPS

DST #1 from 4249' to 4281' (L/KC "E" & "F" zones). Recovered 140' of muddy water.
IFP:19-29#/45"; ISIP:1256#/45";
FFP:59-68#/45"; FSIP:1236#/45".

DST #2 from 4348' to 4406' (L/KC "I" & "J" zones). Recovered 5' of mud.
IFP:66-66#/45"; ISIP:255#/45";
FFP:66-66#/45"; FSIP:200#/45".

DST #3 from 4456' to 4572' (Pleasanton - Altamont "B" zone). Recovered 6' of mud.
IFP:88-88#/30"; ISIP:477#/30";
FFP:88-88#/30"; FSIP:433#/30".

DST #4 from 4611' to 4762' (Myrick Station - Cher. Johnson zone). Recovered 15' of mud with few oil specks.
IFP:77-77#/30"; ISIP:687#/30";
FFP:88-88#/30"; FSIP:555#/30".

Anhydrite	2835' (+ 584)
B/Anhydrite	2863' (+ 556)
Topeka	3933' (- 514)
Heebner	4143' (- 724)
Lansing	4181' (- 762)
Stark	4402' (- 983)
B/KC	4462' (-1043)
Marmaton	4490' (-1071)
Pawnee	4587' (-1168)
Myrick Station	4624' (-1205)
Ft. Scott	4649' (-1230)
Cherokee	4683' (-1264)
Morrow Upper sd.	4783' (-1364)
Morrow Lwr. sd.	4800' (-1381)
Mississippian	4891' (-1472)
LTD	4902' (-1483)

TELEPHONE:
AREA CODE 913 483-2627

ORIGINAL ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31
RUSSELL, KANSAS 67665

2003 FEB 91

1003094

15-193-20540-00-00

ck
Bob

TO: Ritchie Exploration Inc.
125 N. Market #1000
Wichita, Kansas 67202

INVOICE NO. 58748
PURCHASE ORDER NO. _____
LEASE NAME W-4111001
Kistler #1
DATE Feb. 10, 1991

SERVICE AND MATERIALS AS FOLLOWS:

PLEASE KEEP THIS
INFORMATION
CONFIDENTIAL

Common 114 sks @\$6.10	695.40
Pozmix 76 sks @\$2.40	182.40
Gel 7 sks @\$6.75	47.25
Flo seal 2 sks @\$25.00	<u>50.00</u>
Handling 190 sks @\$1.00	190.00
Mileage (33) @\$0.04¢ per sk per mi	250.80
Plugging	380.00
Mi @\$2.00 pmp. trk.	66.00
1 plug	<u>21.00</u>

STATE OF KANSAS	COMMISSION
FEB 22 1991	
CONSERVATION DIVISION	
Wichita, Kansas	\$ 975.05
	<u>907.80</u>
Total	\$ 1,882.85

25 sks. @2850'
100sks. @1964'
40 sks. @ 330'
10 sks. @ 40'
15 sks. in R. H.

THANK YOU

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1½% Charged Thereafter.

RELEASED

23 0 1993

FROM CONFIDENTIAL