

COPY 7100
CONFIDENTIAL SIDE ONE

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

API NO. 15- 193-20,568

County Thomas

SW SE SE Sec. 16 Twp. 10S Rge. 31W x East West

330 Ft. North from Southeast Corner of Section

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

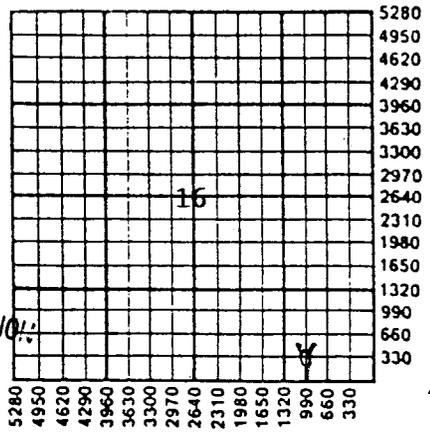
Lease Name Flipse Well # 1

Field Name unknown

Formation Cedar Hills

Elevation: Ground 2974' KB 2979'

Total Depth 4650' PBTD n/a



10-4-91

Amount of Surface Pipe Set and Cemented at 332' Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set n/a Feet

If Alternate II completion, cement circulated from 332' 2569

feet depth to surface w/ 200 430 sx cmt.

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: Bob Mathiesen

Phone (316) 267-4375

Contractor: Name: White & Ellis Drilling Co.

License: 5420

Wellsite Geologist: Kevin Kessler

Designate Type of Completion

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

If **OWWO**: old well info as follows:
Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:
 Mud Rotary Air Rotary Cable

8/29/91 9/07/91 9/28/91
Spud Date Date Reached TD Completion Date

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KANSAS CORPORATION COMMISSION
OCT 5 1991
CONSERVATION DIVISION
WICHITA, KS

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.

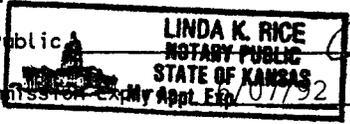
Signature [Signature]

Title President Date 10/03/91

Subscribed and sworn to before me this 3rd day of October, 1991

Notary Public Linda K. Rice

Date Commission Expires 10/17/92



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"/>	Drillers Timelog Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug
<input type="checkbox"/>		<input checked="" type="checkbox"/> NGPA
<input type="checkbox"/>		<input type="checkbox"/> Other (Specify)

79338

SIDE TWO

Operator Name Ritchie Exploration, Inc. Lease Name Flipse Well # 1
Sec. 16 Twp. 10S Rge. 31W East West
County Thomas

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.)

Formation Description
 Log Sample
Name Top Bottom

See attached page.

See attached page.

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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 Percer Additives
Surface	12 1/4"	8-5/8"	28#	332'	60/40 poz	200	2%gel, 3%CC
Production	7-7/8"	4 1/2"	10.5#	2569'	50/50 poz	430	6%gel, 1/4#/sack of Flocele

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
1 shot	2313'-2335'	n/a	

TUBING RECORD Size 2-3/8" Set At Packer At Liner Run Yes No

Date of First Production n/a Producing Method n/a Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil n/a Bbls. Gas n/a Mcf Water n/a Bbls. Gas-Oil Ratio Gravity

Disposition of Gas: n/a Vented Sold Used on Lease (If vented, submit ACO-18.)
METHOD OF COMPLETION n/a Open Hole Perforation Dually Completed Commingled
Production Interval n/a

COPY

RITCHIE EXPLORATION, INC.

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

CONFIDENTIAL

Ritchie Exploration, Inc.'s
#1 Flipse
SW SE SE
Section 16-10S-31W
Thomas County, Kansas
API# 15-193-20,568
License #4767

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ACO-1 form
Page 2

DRILL STEM TESTS

DST #1 from 4153' to 4275'
(L/KC "H"-"K" zones). Recovered
60' of mud.
IFP:102-102#/30"; ISIP:1305#/30";
FFP:102-102#/30"; FSIP:1305#/30".

DST #2 from 4274' to 4305'
(L/KC "L" zone). Recovered 3'
of mud.
IFP:51-51#/30"; ISIP:51#/30";
FFP:51-51#/30"; FSIP:51#/30".

DST #3 from 4343' to 4451'
(Marmaton-Pawnee). Recovered
10' of mud with a few oil spots.
IFP:51-51#/30"; ISIP:61#/30";
FFP:51-51#/30"; FSIP:51#/30".

DST #4 from 4440' to 4568' (Myrick Station-Johnson
zone). Recovered 120' of mud.
IFP:102-112#/30"; ISIP:1216#/45";
FFP:132-142#/45"; FSIP:1206#/45".

DST #5 from 4567' to 4588' (Conglomerate sand).
Recovered 10' of mud with a trace of oil.
IFP:51-51#/30"; ISIP:798#/30";
FFP:51-51#/30"; FSIP:397#/30".

ELECTRIC LOG TOPS

Anhydrite	2545' (+ 434)
B/Anhydrite	2574' (+ 405)
Heebner	3987' (-1008)
Lansing	4030' (-1051)
Stark	4241' (-1262)
B/KC	4304' (-1325)
Marmaton	4334' (-1355)
Pawnee	4425' (-1446)
My. Station	4458' (-1479)
Ft. Scott	4489' (-1510)
Cherokee	4517' (-1538)
Cgl. sand	4581' (-1602)
Miss.	4626' (-1647)
LTD	4650' (-1671)

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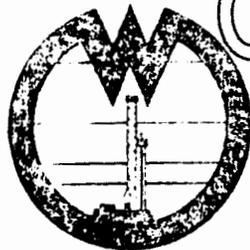
OCT 3 1991

CONSERVATION DIVISION
WICHITA, KS

ORIGINAL

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OCT 03
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WHITE

AND ELLIS DRILLING, Inc.

DRILLERS LOG

OPERATOR: Ritchie Exploration, Inc., 125 N. Market - #1000,
Wichita, KS 67202

CONTRACTOR: White & Ellis Drilling, Inc., P. O. Box 48848,
Wichita, Kansas 67201-8848

Lease Name Flipse Well No. 1
Sec. 16 T. 10S R. 31W Spot SW SE SE
County Thomas State Kansas Elev. _____

Casing Record:

Surface: 8 5/8" @ 332' with 200 sx.

Production: 4 1/2" @ 2569' with 425 sx.

Type Well: SWDW Total Depth 4650'

Drilling Commenced 8-29-91 Drilling Completed 9-8-91

Formation	From	To	Tops
Cellar	0	5	Anhydrite 2544
Sand & Shells	5	333	Heebner 3830
Shale	333	1455	Heebner/KC 4000
Shale & Sand	1455	2720	Kansas City 4085
Shale	2720	3025	Marmaton 4335
Shale & Lime	3025	3460	Pawnee 4425
Lime & Shale	3460	4650	Pawnee/ Ft. Scott 4451
			Ft. Scott/ Cherokee 4480
			Johnson 4565
			Cong. Sand 4588
			Miss 4620

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