

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: license # 5131
name Thunderbird Drilling, Inc.
address P.O. Box 18407
City/State/Zip Wichita, KS 67218

Operator Contact Person Burke Krueger
Phone (316) 685-1441

Contractor: license # 5131
name Thunderbird Drilling, Inc.

Wellsite Geologist Mark Thompson
Phone (316) 267-2672

PURCHASER Koch Oil Company

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover

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

If WFO: old well info as follows:

Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method: ☒ Mud Rotary ☐ Air Rotary ☐ Cable

10/6/84 10/13 10/26/84
Spud Date Date Reached TD Completion Date

3665
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 345' feet

Multiple Stage Cementing Collar Used? ☐ Yes ☒ No

If Yes, Show Depth Set feet

If alternate 2 completion, cement circulated
from 0 feet depth to 345' w/ 225 SX cmt

API NO. 15 - 163-22,509

County Rocks State Geological Survey WICHITA BRANCH

SE SW SW Sec 3 Twp 7S Rge 20W East West
(location)

330 Ft North from Southeast Corner of Section
4290 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

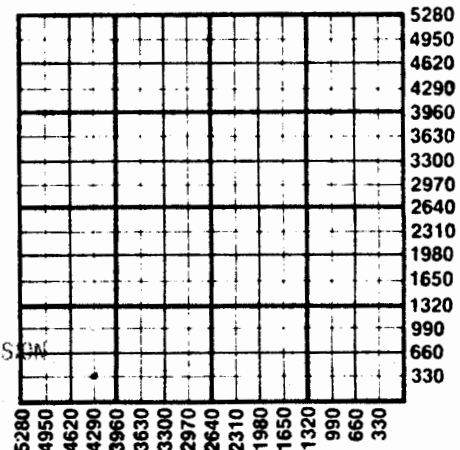
Lease Name ROSS Well# 2

Field Name

Producing Formation Lansing-KC

Elevation: Ground 2147 KB 2152

Section Plat



RECEIVED
STATE CORPORATION COMMISSION

NOV 13 1984

CONSERVATION DIVISION
Wichita, Kansas

WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit #

☐ Groundwater Ft North From Southeast Corner and
(Well) Ft West From Southeast Corner of
Sec Twp Rge ☐ East ☐ West

☐ Surface Water Ft North From Southeast Corner and
(Stream, Pond etc.) Ft West From Southeast Corner
Sec Twp Rge ☐ East ☐ West

☐ Other (explain) Purchased from landowner
(purchased from city, R.W.D.#)

Disposition of Produced Water:

☐ Disposal
☐ Repressuring

TUBING RECORD

size

set at

packer at

Liner Run

☐ Yes☐ No

Date of First Production

10/26/84

Producing method

☐ flowing☒ pumping☐ gas lift☐ Other (explain)

Estimated Production
Per 24 Hours

Oil
85

Bbls

Gas
none

MCF

Water
none

Bbls

Gas-Oil Ratio

CFPB

Gravity

SIDE TWO

Operator Name **Thunderbird Drilling, Inc.** Lease Name **Ross** Well# **2** SEC **3** TWP **7S** RGE **20W** ☐ East ☐ West

WELL LOG

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

Samples Sent to Geological Survey

Cores Taken

☒ Yes ☐ No
☒ Yes ☐ No
☐ Yes ☒ No

Formation Description

☒ Log ☐ Sample

DST #1, 3364-3385/30-45-60-45, rec. 135' **mw**, FP 19-126#, BHP 962-933#
 DST #2, 3511-3550/30-30-30-30, rec. 1520' **gip**, 1250' **co**, FP 87-475#, BHP 647-704#
 DST #3, 3637-3665/30-30-30-30, rec. 190' **mw w/few oil spkes.**, FP 38-107#, BHP 924-886#

Name

Top

Bottom

Anhydrite	1714+	438
B/Anhydrite	1745+	407
Topeka	3122-	970
Heebner	3327-	1175
Toronto	3349-	1197
LKC	3363-	1211
BKC	3573-	1421
Rew Arb	3621-	1469
Arbuckle	3631-	1479
RTD	3665-	1513
LTD	3661-	1509

METHOD OF COMPLETION

☐ open hole ☒ perforation
☐ other (specify)

PRODUCTION INTERVAL

3514-38 OA

☐ Dually Completed.
☐ Commingled

Description

From

To

Surface Hole	0	345
Shale	345	1225
Sand	1225	1442
Shale & Red bed	1442	1715
Anhydrite	1715	1747
Shale	1747	1960
Shale & lime strks	1960	2215
Shale	2215	2460
Shale & Lime	2460	2710
Lime & shale strks	2710	2895
Lime & Shale	2895	3235
Lime & shale strks	3235	3370
Lime	3370	3665
RTD	3665	

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".....	24#.....	345'.....	com.....	225.....	2% gel, 3% cc.
Production.....		4 1/2".....	14#.....	3661.....		125.....	

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth
2.....	3514-3524.....		
2.....	3530-3538.....	A 1000. gal. M.A.....	3514-38 OA