

163

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 Robert Thompson
Phone (316) 266-5511

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 OWWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

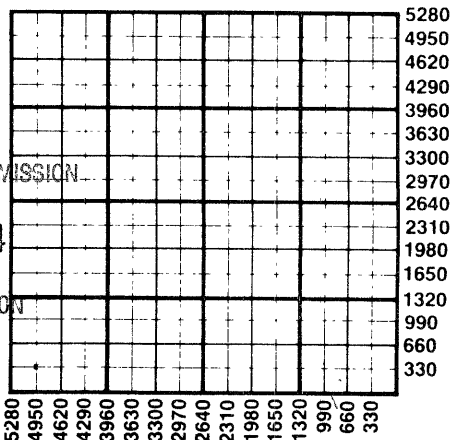
Drilling Method: Mud Rotary Air Rotary Cable
10/23/84 10/30/84 11/4/84
Spud Date Date Reached TD Completion Date
3600
Total Depth PBT
Amount of Surface Pipe Set and Cemented at 344' feet
Multiple Stage Cementing Collar Used? Yes No
If Yes, Show Depth Set 3593 feet
If alternate 2 completion, cement circulated
from 0 feet depth to 344' w/ .225 SX cmt

API NO. 15-163-22,5210000
County Rocks
SW SW SW Sec 3 Twp 7S Rge 20 East West

330 Ft North from Southeast Corner of Section
4950 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

Lease Name ROSS Well# 3
Field Name Slate, S.W.
Producing Formation Lansing-Kansas City
Elevation: Ground 2105' KB 2110'

Section Plat



RECEIVED
STATE CORPORATION COMMISSION
DEC 10 1984
CONSERVATION DIVISION
Wichita, Kansas

12/10/84

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 Keller Tank Service
(purchased from city, R.W.D.#)

Disposition of Produced Water: Disposal Repressuring
Docket #

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rules 82-3-130 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 drillers time log shall be attached with this form. 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 Vice-President Date 11/30/84
Subscribed and sworn to before me this 30th day of November 19 84
Notary Public Gloria De Jesus
Date Commission Expires 3-25-88

GLORIA DE JESUS
NOTARY PUBLIC
STATE OF KANSAS
MY APPT. EXP.

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)

Sec 3 Twp 7S Rge 20W

SIDE TWO

Operator Name Thunderbird Drilling, Inc Lease Name Ross Well# 3 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 Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

	Name	Top	Bottom
DST #1, 3324-3345/30-60-45-30, rec. 200' sw, FP 65-130# BHP 856-827#	Anhydrite	1680+	430
	B/Anhydrite	1712+	398
DST #2, 3354-3387/30-45-60-45, rec. 70' mud, FP 94-86# BHP 623-609#	Topeka	3084-	974
	Heebner	3291-	1181
DST #3, 3471-3505/30-45-60-45, rec. 744' gip, 868' cgo, FP 121-337#, BHP 550-514#	LKC	3328-	1218
	BKC	3529-	1419
DST #4, 3534-3582/30-30-30-30, rec. 7' mud, FP 79-57# BHP 144-115#	Arbuckle	3568-	1458
	LTD	3597-	1487
	RTD	3600-	1490

Description

Description	Top	Bottom
Surface hole	0	344
Shale	344	1188
Sand	1188	1410
Shale	1410	1681
Anhydrite	1681	1714
Shale w/lm strks	1714	2225
Shale & Lime	2225	2855
Lime & Shale	2855	3335
Lime	3335	3600
R.T.D.	3600	

CASING RECORD <input checked="" type="checkbox"/> new <input 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#.....	344'.....	com.....	.225.....	2% gel, .3% cc.
Production.....		4 1/2'.....		3593'.....		.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.....	3477-3487.....			A/1000. gal.....			3477-3489
2.....	3482-3489.....						..OA.....
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
size	set at	packer at					
Date of First Production	Producing method <input type="checkbox"/> flowing <input checked="" type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)						
11/4/84							
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	180 Bbls	none MCF	none Bbls		CFPB		

Disposition of gas: vented
 sold
 used on lease

METHOD OF COMPLETION
 open hole perforation
 other (specify)

PRODUCTION INTERVAL
 3477-3489 ..OA.....

Dually Completed.....
 Commingled.....