

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 Co.

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

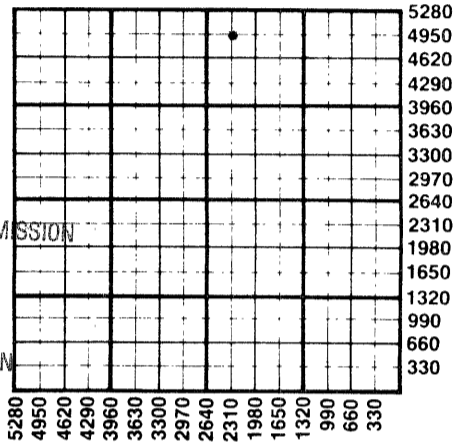
WELL HISTORY

Drilling Method: Mud Rotary Air Rotary Cable
10/14/84 10/24/84 11/2/84
Spud Date Date Reached TD Completion Date
3664
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- 22,512-00-00
County Rocks
NW NW NE Sec 10 Twp 7S Rge 20 East
(location) West
4950 Ft North from Southeast Corner of Section
2310 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

Lease Name TIMMONS Well# 1
Field Name Probasco
Producing Formation Lansing-KC
Elevation: Ground 2168' KB 2173'

Section Plat



RECEIVED
12-28-1984
DEC 28 1984
STATE CORPORATION COMMISSION
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 Terry Gottschalk (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 Burke Krueger
Title Vice-President Date 11/20/84
Subscribed and sworn to before me this 20th day of November 19 84

Notary Public Gloria DeJesus
Date Commission Expires 3-25-88 Gloria DeJesus

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. 10 Twp. 7 S. Rge. 20 W

Operator Name Thunderbird Drilling Inc. Lease Name Timmons Well# 1 SEC 10 TWP. 7S RGE. 20 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

DST #1, 3389-3410/30-45-30-45, rec. 140' mW, IFP 28-58#
 FFP 68-87#, BHP 933-886#
 DST #2, 3423-3490/30-30-30-30, rec. 10'm, IFP 34-34#,
 FFP 34-34#, BHP 571-426#
 DST #3, 3534-3580/30-45-30-45, rec. 100' vwocm + 180'
 socm, FP 87-136#, BHP 1416-1237#
 DST #4, 3636-3660/30-45-15-45, rec. 3' oil, 10' ocm,
 FP 20-28#, BHP 73-47#

Name	Top	Bottom
<u>Sample</u>		
Anhydrite	1729+	444
B/Anhydrite	1762+	411
<u>Log</u>		
Topeka	3152-	979
Heeb	3356-	1183
Tor	3379-	1206
LKC	3393-	1220
BKC	3598-	1425
Arbuckle	3632-	1459
LTD	3659-	1486
RTD	3664-	1491

CASING RECORD <input 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 Production	12 1/4	8 5/8"	24#	345'	com	225	2% gel, 3% cc.
		4 1/2"	14#	3658'		100	
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	3561-3567			A 1000 gal MA + B.S.			3561-3550 OA
2	3544-3550			A 2000 15% NE			3561-3550 OA
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
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)						
11/2/84							
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
12	Bbls	none MCF	none Bbls	CFPB			

Disposition of gas: vented
 sold
 used on lease

METHOD OF COMPLETION
 open hole perforation
 other (specify) _____
 Dually Completed.
 Commingled

PRODUCTION INTERVAL

3550-3567 OA