

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 18207  
Wichita, KS 67218  
City/State/Zip

Purchaser Koch Oil Co.

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

Contractor: License # 5131  
Name Thunderbird Drilling, Inc.

Wellsite Geologist Stanton S. Cox, Jr.  
Phone (316) 684-4144

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

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

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
1/14/85 1/22/85 2/1/85  
Spud Date Date Reached TD Completion Date  
3632  
Total Depth PBTD  
Amount of Surface Pipe Set and Cemented at 339 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set 1732 w/ ASD SX feet  
if alternate 2 completion, cement circulated  
from 0 feet depth to 339' w/ 250 SX cmt

API NO. 15-163-22-579-00-00  
County Rooks  
NE SE SW Sec. 3 Twp. 7S Rge. 20  East  West

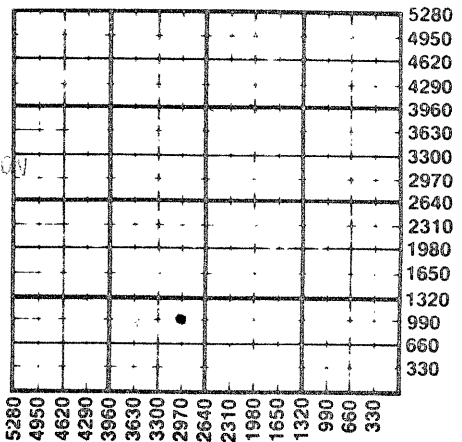
990 Ft North from Southeast Corner of Section  
2970 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Lease Name Ross Well # 4

Field Name PROBASCO

Producing Formation Lansing-KC

Elevation: Ground 2160 KB 2165  
Section Plat



WATER SUPPLY INFORMATION  
Disposition of Produced Water:  Disposal  Repressuring  
Docket #

Questions on this portion of the ACO-1 call:  
Water Resources Board (913) 296-3717

Source of Water:  
Division of Water Resources Permit #  
 Groundwater Ft North from Southeast Corner (Well) Ft West from Southeast Corner of Sec Twp Rge  East  West  
 Surface Water Ft North from Southeast Corner (Stream, pond etc) Ft West from Southeast Corner Sec Twp Rge  East  West  
 Other (explain) Purchased from Cecil Roy (purchased from city, R.W.D. #)

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. Rule 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

Title Vice-President Date 2/18/85

Subscribed and sworn to before me this 18th day of February 1985

Notary Public

Gloria DeJesus

Date Commission Expires 3-25-88

K.C.C. OFFICE USE ONLY  
 Letter of Confidentiality Attached  
 Wireline Log Received  
 Drillers Timelog Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other (Specify)

sec 3 Twp 7 Rge 20

**SIDE TWO**

Operator Name Thunderbird Drilling, Inc. Lease Name Ross Well # 4

Sec. 3 Twp. 7S Rge. 20  East  West County Rooks

**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, 3266-3310/30-45-60-45, rec. 600' sw, FP 53-286#, BHP 1046-1046#	Anhydrite	1723+	442
DST #2, 3373-3395/30-45-60-45, rec. 45' gip, 5' co, 140' sw, FP 21-88#, BHP 650-639#	B/Anhydrite	1754+	411
DST #3, 3404-3450/30-45-60-45, rec. 330' gip, 150' co, 800' osmw, FP 44-425#, BHP 1141-1099#	Heebner	3342-	1177
DST #4, 3452-3477/30-45-60-45, rec. 90' gip, 90' co, 510' osmw, FP 53-265#, BHP 383-372#	Toronto	3364-	1199
DST #5, 3520-3565/30-45-60-45, rec. 470' gip, 350' co, 120' mo, FP 63-191#, BHP 244-244#	Lansing-Kansas City	3378-	1213
DST #6, 3603-3632/30-45-60-45, rec. 5' ocm, FP 31-31#, BHP 85-42#	BKC	3581-	1416
	Arbuckle	3622-	1457
	RTD	3632-	1467
	LTD	3633-	1468

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 Production	12 1/4	8 5/8" 4 1/2"	24# 14#	339' 3630'	com	250 125	2% gel, 3% cc
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	3527-3534						
2	3542-51			2500 gal M.A. + 50 ball sealers		3527-3551 OA	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production	Producing Method						
2/3/85	<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....						
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
120 Bbls	None	MCF	None	Bbls	CFPB		

**METHOD OF COMPLETION** Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) ..... 3527-3551 OA  
 Used on Lease  Dually Completed .....  
 Commingled .....

Thunderbird Drilling, Inc.  
Ross #4

<u>Description</u>	<u>From</u>	<u>To</u>
Surface Hole	0	349
Shale	349	1240
Sand	1240	1450
Shale	1450	1465
Shale & Red Bed	1467	1725
Anhydrite	1725	1756
Shale	1756	2510
Shale & Lime	2510	2760
Shale & Strks of lime	2760	2975
Shale & Lime	2975	3155
Lime & Shale	3155	3300
Lime	3300	3632
R.T.D.	3632	

RECEIVED  
STATE CORPORATION COMMISSION

MAR 06 1985

CONSERVATION DIVISION  
Topeka, Kansas