

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 OWWO: 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 PBD

Amount of Surface Pipe Set and Cemented at 339 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 1732' w/450' SX feet
if alternate 2 completion, cement circulated
from 0 feet depth to 339' w/250' SX cmt

API NO. 15-163-22-579-0000

County Rooks

NE SE SW Sec 3 Twp 7S Rge 20 East West

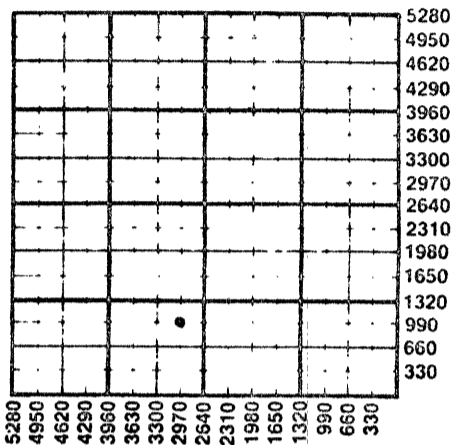
990 Ft North from Southeast Corner of Section
2970 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

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
Gloria DeJesus

Date Commission Expires 3-25-88

K.C.C. OFFICE USE ONLY

Letter of Confidentiality Attached
 Wireline Log Received
 Drillers Time Log Received

Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

RECEIVED

STATE CORPORATION COMMISSION

Form ACO-1 (7-84)

11/20/85
NOV 26 1985

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

sec 3, Twp 7 Rge 20W

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	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Formation Description <input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Cores Taken	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
ST #1, 3266-3310/30-45-60-45, rec. 600' sw, FP 53-286#, BHP 1046-1046#			Name: Anhydrite Top: 1723+ Bottom: 442
ST #2, 3373-3395/30-45-60-45, rec. 45' gip, 5' co, 140' sw, FP 21-88#, BHP 650-639#			Name: B/Anhydrite Top: 1754+ Bottom: 411
ST #3, 3404-3450/30-45-60-45, rec. 330' gip, 150' co, 800' osmw, FP 44-425#, BHP 1141-1099#			Name: Heebner Top: 3342-1177
ST #4, 3452-3477/30-45-60-45, rec. 90' gip, 90' co, 510' osmw, FP 53-265#, BHP 383-372#			Name: Toronto Top: 3364-1199
ST #5, 3520-3565/30-45-60-45, rec. 470' gip, 350' co, 120' mo, FP 63-191#, BHP 244-244#			Name: Lansing-Kansas City Top: 3378-1213
ST #6, 3603-3632/30-45-60-45, rec. 5' ocm, FP 31-31#, BHP 85-42#			Name: BKC Top: 3581-1416
			Name: Arbuckle Top: 3622-1457
			Name: RTD Top: 3632-1467
			Name: LTD Top: 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	24#	339'	com	250	2% gel, 3% cc
		4 1/2	14#	3630		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	3527-3534						
2	3542-51			2500 gal M.A. + 50 ball sealers		3527-3551 OA	
TUBING RECORD							
Size	Set At	Packer at	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).....						
2/3/85							
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