

SIDE ONE

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

Purchaser

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

Contractor: License # 5131
Name Thunderbird Drilling, Inc.

Wellsite Geologist Steve Parker
Phone

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

11/27/84 12/7/84 12/7/84
Spud Date Date Reached TD Completion Date
3540
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 1062 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 1062 w/450 SX cmt

API NO. 15-165-21-274

County Rush

C.W/2.NW.SE Sec.1 Twp.16S Rge.17 East West

1980 Ft North from Southeast Corner of Section
2310 Ft West from Southeast Corner of Section

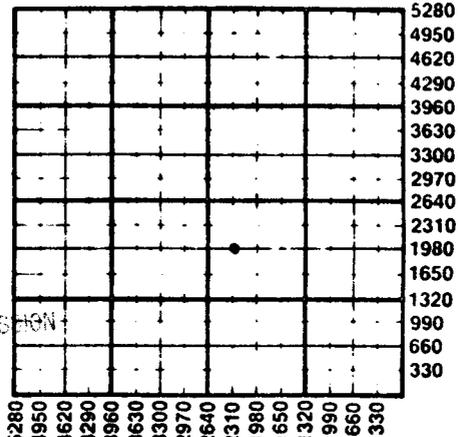
(Note: Locate well in section plat below)

Lease Name JACOBS Well # 1

Field Name

Producing Formation

Elevation: Ground 1914 KB 1922
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 Floris Dome (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.

SIDE TWO

Operator Name Thunderbird Drilling, Inc. Lease Name JACOBS Well # 1

Sec. 1 Twp. 16S Rge. 17W East West County Rush

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, 2928-2970/30-45-30-45, rec. 1110' gip, 130' o&gcwm, FP 38-64#, BHP 340-331#	Anhydrite	1057+	865
DST #2, 3199-3258/45-45-45-45, rec. 75' m, FP 58-99# BHP 895-838#	B/Anhydrite	1085+	837
DST #3, 3258-3285/30-45-30-45, rec. 15' wm, FP 39-29# BHP 523-417#	Topeka	2948-	1026
DST #4, 3285-3376/30-45-30-45, rec. 5'wm, FP 78-78# BHP 1048-1019#	Heebner	3172-	1250
DST #5, 3376-3395/30-45-45-45, rec. 70' o&gcm (25% oil) FP 48-68#, BYP 87-78#	Toronto	3190-	1268
DST #6, 3395-3429/30-45-60-45, rec. 850' gip, 120' f.o., 70' o&gcm (25% oil) FP 68-116#, BHP 242-184#	LKC	3226-	1304
DST #7, 3429-3490/30-45-30-45, rec. 10' mud, FP 68-68#, BHP 174-165#	BKC	3456-	1535
DST #8, 3430-3515/30-45-30-45, rec. 20' m, FP 68-73#, BHP 165-136#	Arbuckle	3505-	1583
	LTD	3539-	1617
	RTD	3540-	1626
	Surface hole	0	1062
	Anhydrite	1062	1081
	Shale	1081	2105
	Lime & Shale	2105	2460
	Shale & Lime	2460	2840
	Lime & Shale	2840	2970
	Lime	2970	3540
	R.T.D.	3540	

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
	12 1/4	8 5/8	24#	1062'	com	450	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

TUBING RECORD			
Size	Set At	Packer at	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First Production _____ Producing Method Flowing Pumping Gas Lift Other (explain).....