

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
Wichita, Ks. 67218
City/State/Zip

Purchaser

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

Contractor: License # 5131
Name Thunderbird Drilling, Inc.

Wellsite Geologist Stanton Cox
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

1/24/85 1/31/85 1/31/85
Spud Date Date Reached TD Completion Date
3616
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 261 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set...feet
If alternate 2 completion, cement circulated
from...feet depth to...feet w/.180 SX cmt

API NO. 15-163-22.618-00-00

County Rooks
C SW NE Sec. 12 Twp. 9S Rge. 20W East West

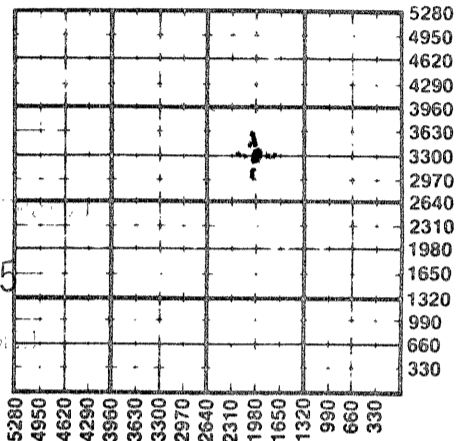
3300' Ft North from Southeast Corner of Section
1980' Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name Pittman Well # 1

Field Name WC

Producing Formation

Elevation: Ground 2087 KB 2092
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 Duane Lambert (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 Burke Krueger

Title Vice-President Date 3/1/85

Subscribed and sworn to before me this 1st day of March 1985

Notary Public Gloria DeJesus

Date Commission Expires 3-25-88

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

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

SIDE TWO

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

Sec. 12 Twp. 9S Rge. 20W County Rooks

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, 3390-3410/30-45-60-45, rec. 540' m, FP 50-255#, BHP 739-725#	Anhydrite	1534 +	558
	B/Anhydrite	1574 +	518
DST #2, 3440-90/30-30-30-30, rec. 10' m, All Press. 50#	Topeka	3074 -	982
	Heebner	3278 -	1186
DST #3, 3494-3530/30-30-30-30, rec. 20' osm, FP 57-72#, BHP 166-108#	Toronto	3300 -	1208
	LKC	3318 -	1226
DST #4, 3547-3585/30-30-30-30, rec. 20' mud, FP 36-43#, BHP 43-60#	BKC	3535 -	1443
	Arbuckle	3561 -	1469
	RTD	3616 -	1524
	LTD	3618 -	1526

Description (Con't)	From	To
Shale & Lime	2345	3055
Lime & Shale	3055	3165
Lime	3165	3616
R.T.D.	3616	

Description	From	To
Surface Hole	0	261
Shale	261	1030
Sand	1030	1240
Shale & Red Bed	1240	1537
Anhydrite	1537	1578
Shale	1578	2345

(Con't)

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#	261'	com	180	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				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production	Producing Method <input type="checkbox"/> Flowing <input 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		
	Bbls	MCF	Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease Dually Completed
 Commingled