

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 780407  
City/State/Zip Wichita, KS 67278

Purchaser.....

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

Contractor: License # 5145  
Name Dreiling Oil, Inc.

Wellsite Geologist Steve Parker  
Phone (316) 263-5172

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

If OMWO: old well Info as follows:  
Operator.....  
Well Name.....  
Comp. Date.....Old Total Depth.....

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
9-4-87 9-10-87 9-10-87  
Spud Date Date Reached TD Completion Date  
3932'  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 281 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set.....feet  
If alternate 2 completion, cement circulated  
from.....feet depth to.....281' w/ 175 SX cmt  
Cement Company Name Allied Cementing  
Invoice # 48616

API NO. 15-165-21,385-000  
County Rush  
NW SW SE Sec. 23 Twp. 17 Rge. 19 East West

990 Ft North from Southeast Corner of Section  
2310 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

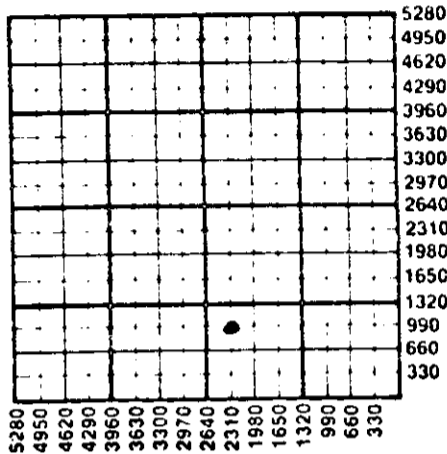
Lease Name Wilson F Well # 1

Field Name WC

Producing Formation.....

Elevation: Ground 2162' KB 2167'

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  
Docket # .....  Repressuring

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 23 Twp 17 Rge 19 East West

Other (explain).....  
(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 [Signature] Burke Krueger  
Title Vice-President Date 9-16-87

Subscribed and sworn to before me this 16th day of September 1987.  
Notary Public [Signature]

Date Commission Expires 3-25-88

GLORIA DE JESUS  
NOTARY PUBLIC  
STATE OF KANSAS  
MY APPT. EXP. 9-17-87

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)

SIDE TWO

Operator Name Thunderbird Drilling, Inc. Lease Name Wilson F Well # 1

Sec. 23 Twp. 17 Rge. 19  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

D.S.T. #1 Straddle 3856' to 3903'  
 47' anchor 15-30-15-30  
 Rec. 5' mud  
 IF 121 ISI 44  
 FF 66 FSI 44

D.S.T. #2 3534' to 3564'  
 30' anchor 15-30-15-30  
 Rec. 10' mud  
 IF 22-22 ISI none  
 FF 33-33 FSI 958

Name	Top	Bottom
Anhydrite	1336 + 832	
B/Anhydrite	1369 + 799	
Topeka	3172 -1004	
Heebner	3478 -1310	
Toronto	3496 -1328	
Lansing-KC	3524 -1356	
BKC	3798 -1630	
Arbuckle	3899 -1731	
RTD	3932 -1764	
LTD	3936 -1471	

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"		281'	60/40 poz	175	
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			
Size	Set At	Packer at					
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