

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, Kansas 67218

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

Contractor: license # 5131  
name Thunderbird Drilling, Inc.

Wellsite Geologist Stanton Cox  
Phone (316) 685-4144

PURCHASER Getty

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

8/21/85 8/29/84 9/6/84  
Spud Date Date Reached TD Completion Date

3774  
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 1059 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 1059' w/ .425 SX cmt

API NO. 15-145-21-152-0000

County Pawnee

NW NW NE Sec 36 Twp 20S Rge 16 East West

4950 Ft North from Southeast Corner of Section  
2310 Ft West from Southeast Corner of Section  
(Note: locate well in section plat below)

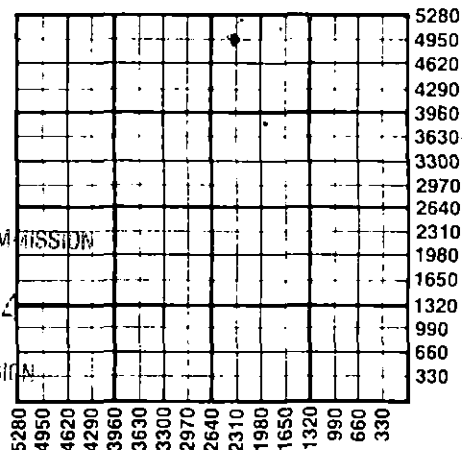
Lease Name SCHMITT Well# 1

Field Name PAWNEE ROCK

Producing Formation Arbuckle

Elevation: Ground 2929' KB 2034'

Section Plat



WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit #

Groundwater Ft North From Southeast Corner and  
(Well) Ft. West From Southeast Corner of  
Sec Twp Rge  East  West

Surface Water Ft North From Southeast Corner and  
(Stream, Pond etc.) Ft West From Southeast Corner  
Sec Twp Rge  East  West

Other (explain) Purchased from Mill Feeding  
(purchased from city, R.W.D.#)

Disposition of Produced Water:  Disposal  Repressuring

Docket #

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. Rules 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 [Handwritten Signature]

Title Vice-President Date 10/12/84

Subscribed and sworn to before me this 12th day of October 19 84

Notary Public Gloria De Jesus

Date Commission Expires 3-25-88

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)

Sec. 36 Twp. 20S Rge. 16W

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

SIDE TWO

Operator Name Thunderbird Drilling, Inc. Lease Name SCHMITT Well# 1 SEC 36 TWP 20S RGE 16  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

DST #1 3727-3774/30-45-60-45, gts 25%, stab @ 8.8  
 MCF/D. Rec. 570' g&ocm (50% oil) FP 640-1122#,  
 BHP 1122-1133#

NO LOG

Formation Description  
 Log  Sample

Name	Top	Bottom
Anhydrite	1030+1004	
B/Anhydrite	1059+ 975	
Heebner	3361-1321	
Toronto	3378-1344	
Doug	3390-1356	
Lansing-KC	3462-1428	
BKC	3693-1659	
Arbuckle	3770-1736	
RTD	3374-1740	
Surface Hole	0	880
Shale	880	1030
Anhydrite	1030	1059
Shale	1059	1655
Shale & Lime	1655	1995
Lime & Shale	1995	2282
Shale & Lime	2282	2330
Lime & Shale	2330	2420
Shale & Lime	2420	2635
Lime & Shale	2635	2855
Shale & Lime	2855	3070
Lime	3070	3395
Lime & Shale	3395	3585
Lime	3585	3774
R.T.D.	3774	

CASING RECORD <input 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#	1059'	com	425	2% gel, 3% cc
Production		5 1/2"	14#	3772'		75	
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
shots per foot		specify footage of each interval perforated		(amount and kind of material used)			Depth
				A. 250 Gal. M.A. .... Open Hole			3772-3774
TUBING RECORD				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)			
9/7/84							
Estimated Production Per 24 Hours		Oil	Gas	Water	Gas-Oil Ratio	Gravity	
60		Bbls	MCF	9	Bbls	CFPB	

Disposition of gas:  vented  
 sold  
 used on lease

METHOD OF COMPLETION  
 open hole  perforation  
 other (specify) .....

PRODUCTION INTERVAL

3772-3774

Dually Completed.  
 Commingled

NO LOG