

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

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

Contractor: license # 5131 name Thunderbird Drilling, Inc.

Wellsite Geologist Mark Thompson Phone (316) 267-2672

PURCHASER

Designate Type of Completion [X] New Well [ ] Re-Entry [ ] Workover

- [ ] Oil [ ] SWD [ ] Temp Abd [ ] Gas [ ] Inj [ ] Delayed Comp. [X] 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: [X] Mud Rotary [ ] Air Rotary [ ] Cable 6/21/84 6/27/84 6/27/84 Spud Date Date Reached TD Completion Date

3550 Total Depth PBSD

Amount of Surface Pipe Set and Cemented at 302 feet

Multiple Stage Cementing Collar Used? [ ] Yes [X] No

If Yes, Show Depth Set feet

If alternate 2 completion, cement circulated from 0 feet depth to 302' w/ 200 SX cmt

API NO. 15-165-21,192-0000

County Rush

SE NW SE Sec 17 Twp 16S Rge 16W East West

1650 Ft North from Southeast Corner of Section 1650 Ft West from Southeast Corner of Section (Note: locate well in section plat below)

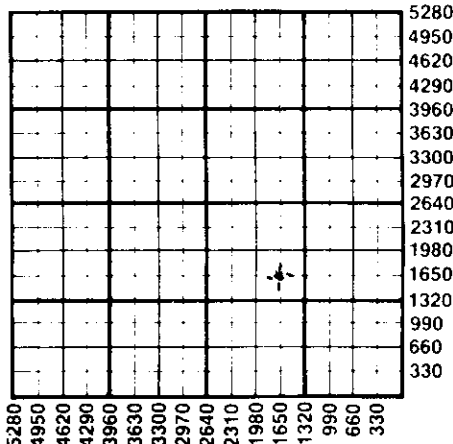
Lease Name Dome "A" Well# 1

Field Name WC

Producing Formation

Elevation: Ground 1944 KB 1949

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 landowner (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 Burke Krueger Title Vice-President Date 7/19/84

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

Notary Public Gloria De Jesus Date Commission Expires 3-25-88

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

K.C.C. OFFICE USE ONLY F [ ] Letter of Confidentiality Attached C [ ] Wireline Log Received C [ ] Drillers Timelog Received Distribution [X] KCC [X] KGS [ ] SWD/Rep [ ] Plug [ ] NGPA [ ] Other (Specify)

STATE CORPORATION COMMISSION JUL 20 1984 CONSERVATION DIVISION Wichita, Kansas

Sec. 17, Twp. 16, Rge. 16W

SIDE TWO

Operator Name Thunderbird Drilling, Inc. Lease Name Dome 'A' Well# 1 SEC 17 TWP 16S RGE 16W  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. No Log Run

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, 3320-3350/30-30-30-30, rec. 15' mud, FP 32-32#, BHP 549-344#	Surface hole	0	302
	Shale	302	500
	Sand	500	715
DST #2, 3420-3470/30-30-30-30, rec. 5' mud, All press. 42#	Shale	715	1085
	Anhydrite	1085	1115
	Shale	1115	2490
DST #3, 3500-3550/30-30-30-30, rec. 15' thin wtry mud, FP 53-63#, BHP 1141-1141#	Shale & Lime	2490	2670
	Lime & Shale	2670	3095
	Lime	3095	3550
	R.T.D.	3550	

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#	302'	com	200	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			
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			

Disposition of gas:  vented  
 sold  
 used on lease

METHOD OF COMPLETION  open hole  perforation  
 other (specify) \_\_\_\_\_  
 Dually Completed.  
 Commingled

PRODUCTION INTERVAL

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