

★ 81

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 Robert B. Thompson
Phone (316) 267-2672

PURCHASER NCRA

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

9/26/84 Spud Date 10/5/84 Date Reached TD 10/19/84 Completion Date

3532 Total Depth PBTB

Amount of Surface Pipe Set and Cemented at 1092' 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 1092' w/ 450 SX cmt

API NO. 15 - 165-21,218
County Rush
NE NE SW Sec 1 Twp 16S Rge 17W 14W East West

2310 Ft North from Southeast Corner of Section
2970 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

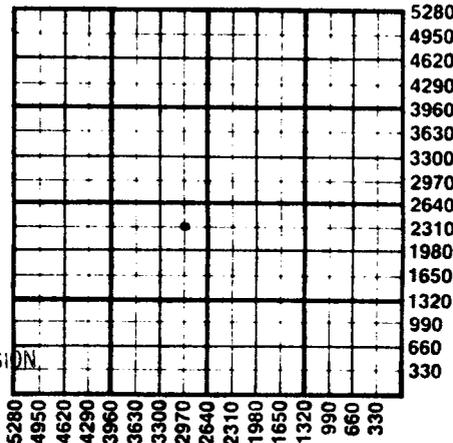
Lease Name STRAMEL Well# 1

Field Name STEGMAN NE

Producing Formation Arbuckle

Elevation: Ground 1930' KB 1935'

Section Plat



RECEIVED
STATE CORPORATION COMMISSION

NOV 09 1984

CONSERVATION DIVISION
Wichita, Kansas

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 Floris Dome (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.

SIDE TWO

Operator Name Thunderbird Drilling, Inc. Lease Name STRAMEL Well# 1 SEC 1 TWP. 16S RGE. 17W 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, 2941-3134/30-45-60-45, rec. 905' gip, 120' o&wcm, FP 180-204#, BHP 880-864#	Anhydrite (Sample)	1072+ 863
DST #2, 3122-3225/30-30-30-30, rec. 55' mw, FP 90-106# BHP 955-806#	B/Anhydrite (Sample)	1106+ 829
DST #3, 3214-3269/30-45-60-45, rec. 490' gip, 120' ocgm, 120' mgo, 240' gcwm. FP 122-237#, BHP 930-894#	Topeka	2955-1020
DST #4, 3267-3300/30-45-60-45, rec. 1350' gip, 360' gfo, FP 93-147#, BHP 947-897#	Heebner	3180-1245
DST #5, 3297-3331/30-45-60-45, rec. 120' gip, 10' hocm, 120' mw, FP 73-90#, BHP 938-822#	LKC	323-1297
DST #6, 3336-3388/30-30-30-30, rec. 10' mud, FP 65-65#, BHP 65-65#	BKC	3455-1520
DST #7, 3383-3465/30-45-60-45, rec. 1950' cgo, GP 221-582#, BHP 1192-1127#	Arbuckle	3526-1591
DST #8, 3460-3532/30-45-60-45, rec. 300' gip, 1460' cgo, FP 20-557#, BHP 1105-938#	LTD	3529-1594
	RTD	3532-1597

Description	From	To
Surface hole	0	475
Sand	475	692
Shale & Red bed	692	1072
Anhydrite	1072	1106
Sand & Shale	1106	1735
Shale	1735	2055
Lime & Shale	2055	2220
Lime & Shale strks	2220	2440
Shale & Lime	2440	2650
Lime & Shale	2650	3300
Lime	3300	3532
R T D		

TUBING RECORD size _____ set at _____ packer at _____		Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First Production 10/5/84	Producing method <input type="checkbox"/> flowing <input checked="" type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain) _____		
Estimated Production Per 24 Hours	Oil 120 Bbls	Gas none MCF	Water none Bbls
			Gas-Oil Ratio CFPB

Disposition of gas: vented open hole perforation sold other (specify) _____ **PRODUCTION INTERVAL** 3527-3532 OH used on lease

Production	24#	1090'	com	450	2% gel, 3% cc
	5 1/2"	3527'		150	

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 500 Gal.	Open hole 3527-3532.