

065-22,394 -0000 4

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

3

API NO. 15.....
County.....Graham
SE NW NW Sec. 2 Twp. 7 Rge. 21 East West

Operator: License # 5131
Name Thunderbird Drilling, Inc.
Address P.O. Box 780407
City/State/Zip Wichita, KS 67278

4290 Ft North from Southeast Corner of Section
4290 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Purchaser.....NCRA

Lease Name.....Pruitt B Well #.....3

Operator Contact Person Burke Krueger
Phone 316 685-1441

Field Name.....WG PRUITT

Contractor: License # 5145
Name Dreiling Oil, Inc.

Producing Formation.....Lansing-Kansas City

Wellsite Geologist Steve Parker
Phone 316 263-5172

Elevation: Ground.....2223' KB.....2228'

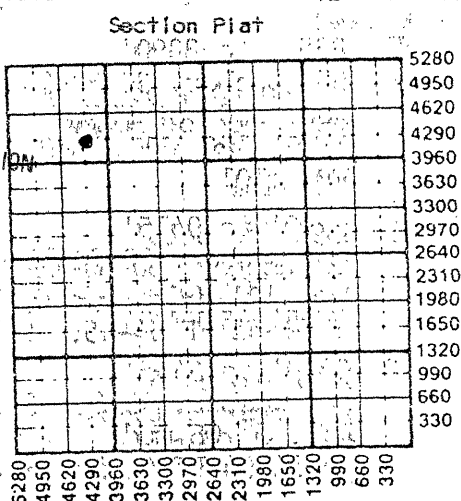
Designate Type of Completion
 New Well Re-Entry Workover

RECEIVED
STATE CORPORATION COMMISSION

MAY 16 1988

CONSERVATION DIVISION
Wichita, Kansas

5-16-88



Oil Gas Dry
 SWD Inj Other (Core, Water Supply etc.)
 Temp Abd Delayed Comp.

If CWFO: old well info as follows:
Operator.....
Well Name.....
Comp. Date.....Old Total Depth.....

WATER SUPPLY INFORMATION

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

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
8-1-87 8-7-87 8-24-87
Spud Date Date Reached TD Completion Date
3775' 3650'
Total Depth PBTD

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 33 Twp 6 Rge 21 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 city, R.W.D. #)

Amount of Surface Pipe Set and Cemented at 416 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set.....feet
If alternate 2 completion, cement circulated
from 3374' feet depth to Surface 450' SX cmt
Cement Company Name Halliburton
Invoice # 418707
5-23-88

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]
Title Vice-President Date 8/13/87

Subscribed and sworn to before me this 13th day of August 1987.
Notary Public Gloria DeJesus
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)
5-16-88

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

Operator Name Thunderbird Drilling, Inc. Lease Name Pruitt B. Well # 3
 Sec. 2 Twp. 7 Rge. 21 East West County Graham

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		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Formation Description		
Samples Sent to Geological Survey		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	<input type="checkbox"/> Sample	
Cores Taken		<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Name	Top	Bottom
D.S.T. #1	3354' to 3390'			Anhydrite	1850+	378
	36' anchor, 30-30-30-30			B/Anhydrite	1882+	346
	Rec. 660' of SOCMW			Topeka	3220-	992
	IF 73-183 FF 238-329 ISI 1101			Heebner	3425-	1197
	FSI 1101			Toronto	3446-	1218
D.S.T. #2	3393' to 3415'			LKC	3459-	1231
	22' anchor, 30-30-15-30			BKC	3651-	1423
	Rec. 10' drlg. mud w/show of oil			Arbuckle	3694-	1466
	IF 54-45 FF 54-45, ISI 1000 FSI 1009			RTD	3775-	1547
D.S.T. #3	3418' to 3455'			LTD	3776-	1548
	37' anchor, 15-30-15-30					
	Rec. 5' OS mud					
	IF 54-54 FF 64-54 ISI 975 FSI 917					
D.S.T. #4	3457' to 3480'					
	23' anchor, 45-30-45-30, 240' gip					
	Rec. 180' oil, IF 36-54#, FF 91-91					
	ISI 256 FSI 256#					

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"		416'	60/40 port.	225	
Production	7 7/8"	5 1/2"		3774'	super flush	500	gals.
					econolite	300	
					EA2	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
2	3696-3722			A 1000 gal. 15% MA			3696-3722
	3463-3470			A 500 M.A. 2500 15% NE			3463-3470
TUBING RECORD: Size <u>2 3/8"</u> Set At <u>3685</u> Packer at				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Producing Method					
8/24/87		<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	Gas	Water	Gas-Oil Ratio		Gravity
		45	None	15			
		Bbls	MCF	Bbls	CFPB		

METHOD OF COMPLETION Production Interval

Disposition of gas: Vented Open Hole Perforation
 Solid Other (Specify) 3463-3470
 Used on Lease Dually Completed
 Commingled