

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

Purchaser Koch Oil Company

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

Contractor: License # 5131
Name Thunderbird Drilling, Inc.

Wellsite Geologist Stanton Cox
Phone (316) 684-4144

Designate Type of Completion
 New Well Re-Entry Workover

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

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

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable

2/20/77 3/2/77 3/8/77
Spud Date Date Reached TD Completion Date

4234'
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 382 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 382' w/ 250' 5X cmt

API NO. 15-15-063-20,333-00-00

County Gove

SW NE SE Sec. 18 Twp 14S Rge. 28 East West

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

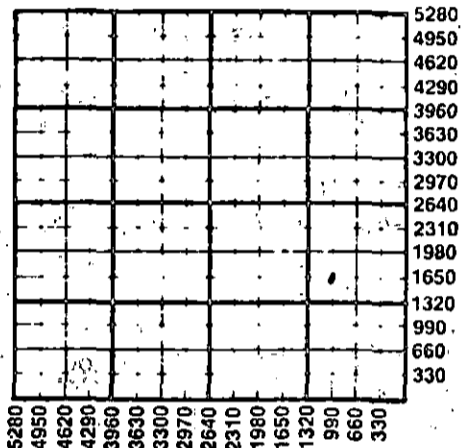
Lease Name SMITH "H" Well # 2

Field Name Mabel L

Producing Formation Pawnee

Elevation: Ground 2681 KB 2686

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket #

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 Twp Rge East West

Other (explain) Purchased from R.S. Coberly (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]

Vice President

GLORIA DE JESUS Date 8/23/85

NOTARY PUBLIC STATE OF KANSAS

Y APPT. EXP. 23rd August

Notary Public Gloria De Jesus

Date Commission Expires 3-25-88

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

RECEIVED STATE CORPORATION COMMISSION Form ACO-1 (7-84)

AUG 26 1985
8-26-85
CONSERVATION DIVISION
Wichita, Kansas

sec 18 Twp 14 Rge 28 W

Operator Name Thunderbird Drilling, Inc. Lease Name Smith 'H' Well # 2

Sec. 18 Twp. 14S Rge. 28 East West County Gove

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

ST #1, 3905-3922/45-45-45-45, rec. 80' vsocm + 120' mdy wtr, FP 69-112#, BHP 1125-1107#
 ST #2, 3962-4000/45-45-45-45, rec. 15' mud, FP 52-61#, BHP 138-78#
 ST #3, 3995-4030/45-45-45-45, rec. 15' mud, BHP 52-61#, BHP 112-104#
 ST #4, 4027-4049/45-45-45-45, rec. 150' wtry mud, tr oil, FP 43-104#, BHP 1194-1176#
 ST #5, 4058-4090/45-45-45-45, rec. 60' gip, 60' mo, 450' wtr, FP 69-242#, BHP 1159-1159#
 ST #6, 4121-4210/45-45-45-45, rec. 140' vsocm, FP 87-112#, BHP 1003-813#
 ST #7, 4218-4234/45-45-45-45, gts 27", rec. 2400' cgo, FP 138-865#, BHP 865-865#

Name	Top	Bottom
Anhydrite	2132 + 554	
B/Anhydrite	2174+ 512	
Heebner	3775-1089	
Toronto	3796-1110	
LKC	3814-1128	
BKC	4124-1438	
Marmaton	4153-1467	
Pawnee	4223-1537	
RTD	4234-1548	

see attachment for driller's log.

CASING RECORD <input type="checkbox"/> New <input checked="" 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 3/4	8 5/8	24#	382'	com	250	2% gel, 3% cc
Production		4 1/2		4224'	com	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	
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).....					
Estimated Production Per 24 Hours		Oil	Gas	Water	Gas-Oil Ratio	Gravity	
225 Bbls			MCF	None Bbls	CFPB		

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify).....
 Used on Lease Dually Completed Commingled

4224-4234