

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
Wichita, Kansas 67218
City/State/Zip

Purchaser

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

Contractor: License # 5131
Name Thunderbird Drilling, Inc.

Wellsite Geologist Mark Thompson
Phone (316) 267-6153

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover

☐ Oil ☐ SWD ☐ Temp Abd
☐ Gas ☐ Inj ☐ Delayed Comp.
☒ Dry ☐ Other (Core, Water Supply etc.)
If OMWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method: ☐ Mud Rotary ☐ Air Rotary ☐ Cable
11/29/85 12/8/85 12/8/85
Spud Date Date Reached TD Completion Date
3575
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 1090 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 1090 w/ 450 SX cmt
Cement Company Name Allied Cementing
Invoice # 45156

API NO. 15-165-21,335-0000

County Rush

NW NE NW Sec 7 Twp 16S Rge 16 East
West

4950
3630
Ft North from Southeast Corner of Section
Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

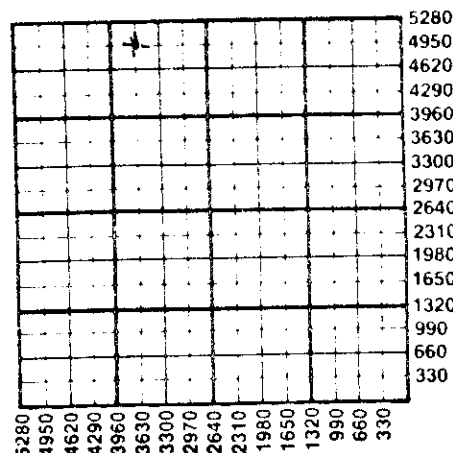
Lease Name KISNER "I" Well # 1

Field Name WC

Producing Formation

Elevation: Ground 1950 KB 1955

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: ☐ Disposal
Docket # ☐ Repressuring

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 Floris Dome
(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 Burke Krueger

Title Vice-President Date 1/6/86

Subscribed and sworn to before me this 6th day of January 1986

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 Time Log Received		
Distribution			
☒	KCC	☐ SWD/Rep	☐ NGPA
☒	KGS	☐ Plug	☐ Other
(Specify)			

Form ACO-1 (7-84)

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

SIDE TWO

Operator Name Thunderbird Drilling, Inc. Lease Name Kisner "I" Well # 1Sec. 7 Twp. 16S Rge. 16 ☐ East
☒ West County Rush

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

Description	From	To
Surface hole	0	495
Sand	495	715
Shale & Red Bed	715	1079
Anhydrite	1079	1121
Shale	1121	2270
Shale & Lime	2270	2435
Shale	2435	2630
Shale & Lime	2630	2820
Lime & Shale	2820	2990
Lime	2990	3575
R.T.D.	3575	

Name	Top	Bottom
Anhydrite	1087+	868
B/Anhydrite	1119+	836
Topeka	2976-	1021
Heebner	3202-	1247
Toronto	3218-	1263
LKC	3254-	1299
BKC	3477-	1522
Arbuckle	3536-	1581
LTD	3573-	1681
RTD	3573-	1681

DST #1, 2960-3000/30-45-30-45, rec. 14' mud, FP 32-48#, BHP 68-58#

DST #2, 3231-3285/30-45-30-45, rec. 60' mud, FP 68-78#, BHP 1039-1010#

DST #3, 3286-3340/30-30-30-30, rec. 15'm, FP 48-58# BHP 471-704#

DST #4, 3340-3427/30-45-30-45, rec. 60'm, FP 48-58# BHP 571-407#

DST #5, 3427-3460/30-30-30-30, rec. 5' m All Press. 29#

DST #6, 3460-3540/30-45-30-45, rec. 15'm, FP 48-58#, BHP 146-79#

DST #7, 3477-3544/30-45-30-45, rec. 70' osm, FP 62-78#, BHP 116-97#

DST #8, 3542-3562/30-45-60-45, rec. 95' o&gcm (42% oil) FP 38-62#, BHP 145-112#

CASING RECORD ☒ New ☐ 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#	1090'	com	450	2%gel, 3%cc

PERFORATION RECORD

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth

TUBING RECORD	Size	Set At	Packer at	Liner Run	☐ Yes ☐ No
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Date of First Production	Producing Method
	☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (explain).....

Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio CFPB	Gravity

METHOD OF COMPLETION

Production Interval

Disposition of gas: ☐ Vented
☐ Sold
☐ Used on Lease

☐ Open Hole ☐ Perforation
☐ Other (Specify)

☐ Dually Completed
☐ Conmingle