

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISIONWELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: license # 5131
name Thunderbird Drilling, Inc.
address P.O. Box 18407City/State/Zip Wichita, Ks. 67218Operator Contact Person Burke Krueger
Phone (316) 685-1441Contractor: license # 5131
name Thunderbird Drilling, Inc.Wellsite Geologist Robert B. Thompson
Phone (316) 267-2672

PURCHASER

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 ☐ Cable9/6/84 9/13/84 9/13/84
Spud Date Date Reached TD Completion Date3865
Total Depth PBTDAmount of Surface Pipe Set and Cemented at 303' feetMultiple Stage Cementing Collar Used? ☐ Yes ☐ No

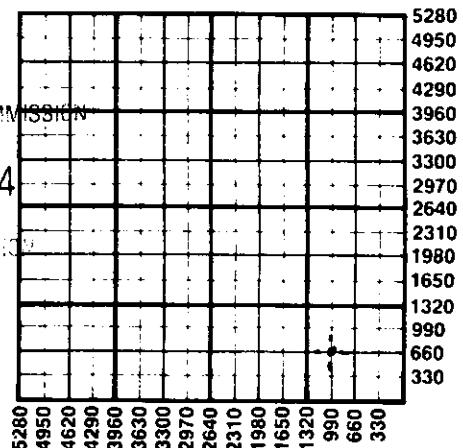
If Yes, Show Depth Set _____ feet

If alternate 2 completion, cement circulated
from 0 feet depth to 303' w/ 180 SX cmtAPI NO. 15 - 165-21,227-0000County RushW/2 SE SE Sec 2 Twp 19S Rge 17 East
(location) X West660 Ft North from Southeast Corner of Section
990 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)Lease Name BIZEK Well# 1Field Name WC

Producing Formation _____

Elevation: Ground 2093' KB 2098'

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 _____

Title Vice-President Date 9/28/84Subscribed and sworn to before me this 28th day of September 19 84

Notary Public _____

Date Commission Expires 3-25-88GLORIA 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

☒ KCC ☐ SWD/Rep ☐ NGPA
☒ KGS ☐ Plug ☐ Other
(Specify) _____

Form ACO-1 (7-84)

Sec. 2, Twp. 19, Rge. 17

SIDE TWO

Operator Name Thunderbird Drilling, Inc. Lease Name BIZEK Well# 1 SEC. 2 TWP. 19S RGE. 17 ☐ 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

No Log

Formation Description
☐ Log ☒ Sample

DST #1, 3815-3865/30-45-60-45, rec. 570' MW, IFP
83-119#, FFP 175-285#, BHP 1198-1180#

Name	Top	Bottom
Anhydrite	1198+	900
B/Anhydrite	1228+	870
Heebner	3427	1329
LKC	3479	1381
BKC	3749	1651
Arb	3854	1756
RTD	3865	1767

Description	From	To
Surface Hole	0	303
Shale w/snd strks	303	593
Sand	593	720
Shale	720	751
Sand	751	820
Shale	820	1198
Anhydrite	1198	1228
Shale	1228	1950
Shale & Lime	1950	2580
Lime	2580	3865
R.T.D.	3865	

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 1/4	8 5/8"	24#	303'	com	180	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

size set at packer at Liner Run ☐ Yes ☐ No

Date of First Production	Producing method ☐ flowing ☐ pumping ☐ gas lift ☐ Other (explain)			
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio
	Bbls	MCF	Bbls	CFPB

METHOD OF COMPLETION

PRODUCTION INTERVAL

Disposition of gas: ☐ vented
☐ sold
☐ used on lease

☐ open hole ☐ perforation
☐ other (specify)

☐ Dually Completed.
☐ Commingled