

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

Operator: License # 5131

Name: Thunderbird Drilling, Inc.

Address P. O. Box 780407

Wichita, KS 67278

City/State/Zip _____

Purchaser: NA

Operator Contact Person: Burke B. Krueger

Phone (316) 685-1441

Contractor: Name: _____

License: _____

Wellsite Geologist: _____

Designate Type of Completion

____ New Well Re-Entry ____ Workover

____ Oil SWD ____ SIOW ____ Temp. Abd.

____ Gas ____ ENHR ____ SIGW

____ Dry ____ Other (Core, WSW, Expl., Cathodic, etc.)

If Workover/Re-Entry: old well info as follows:

Operator: SAME

Well Name: _____

Comp. Date 1-72 Old Total Depth 4535

____ Deepening ____ Re-perf. ____ Conv. to Inj/SWD

____ Plug Back ____ PBTB

____ Commingled Docket No. _____

____ Dual Completion Docket No. _____

Other (SWD or Inj?) Docket No. D-26,085

4-15-91 4-20-91 4-25-91

Spud Date Date Reached TD Completion Date

API NO. 15- 135-20,535-0001

County Ness

NW- SE- SE- Sec. 16 Twp. 19S Rge. 25 E

990 Feet from N (circle one) Line of Section

990 Feet from W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, NW or SW (circle one)

Lease Name Dinges "B" Well # 2 SWD

Field Name Delos

Producing Formation NA

Elevation: Ground 2454 KB 2459

Total Depth 4536 PBTB 1497

Amount of Surface Pipe Set and Cemented at 316 Feet

Multiple Stage Cementing Collar Used? ____ Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 1500

feet depth to 0 w/ 450 sx cmt.

Fluid Management Plan NA --OWWO 4-15-92
Data must be collected from the Reserve Pit)

Chloride Content _____ ppm Fluid volume _____ bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name Thunderbird Drilling, Inc.

Lease Name Dinges "B" License No. 5131

SE Quarter Sec. 16 Twp. 19 S Rng. 25W E/W

County Ness Docket No. D-26,085

RECEIVED
STATE CORPORATION COMMISSION
2/14/92
FEB 14 1992
Wichita, Kansas
CONSERVATION DIVISION

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 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 geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. 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 2-13-92

Subscribed and sworn to before me this 13 day of February, 19 92.

Notary Public [Signature]

Date Commission Expires 4-16-94

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

GLENDIA FUNK
Notary Public - State of Kansas
My Appt. Expires

Operator Name Thunderbird Drilling, Inc. Lease Name Dinges "B" Well # 2 SWD
 Sec. 16 Twp. 19S Rge. 25 East West
 County Ness

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.

NA/OWWO

Drill Stem Tests Taken Yes No
 (Attach Additional Sheets.)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy.)

Log Formation (Top), Depth and Datum Sample
 Name Top Datum
 Cedar Hills 1200 +1259

List All E.Logs Run:

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	326 ^{KCC} 316 ^{TA}	Common	175	-
Production	7 7/8	4 1/2	10.5	1500	60-40 Poz	450	-

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated

Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
1	1213-1385	None	

TUBING RECORD

Size 2 3/8

Set At 1177

Packer At 1177

Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity

Disposition of Gas:

Vented Sold Used on Lease
 (If vented, submit ACO-18.)

METHOD OF COMPLETION

Open Hole Perf. Dually Comp. Commingled
 Other (Specify)

Production Interval