

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

COPY

Form NO. 15- 083-20349-0061

County Hodgeman

C - NE - SE - Sec. 14 Twp. 23S Rge. 23 X W

1980 Feet from S/N (circle one) Line of Section

660 Feet from E/W (circle one) Line of Section

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

Lease Name Lippoldt Well # 9 SWD

Field Name Lippoldt

Producing Formation Mississippian

Elevation: Ground 2318 KB 2323

Total Depth 4599 PBDT 4585

Amount of Surface Pipe Set and Cemented at 507 Feet

Multiple Stage Cementing Collar Used? X Yes      No     

If yes, show depth set 2253 Feet

If Alternate II completion, cement circulated from Surface

feet depth to 2253 w/ 450 sx cat.

Drilling Fluid Management Plan  
(Data must be collected from the Reserve Pit)

NA  
Chloride content      ppm Fluid volume      bbls

Dewatering method used     

Location of fluid disposal if hauled offsite:     

Operator Name     

Lease Name      License No.     

     Quarter Sec.      Twp.      S Rng.      E/W

County      Docket No.     

Operator: License # 5131

Name: Thunderbird Drilling, Inc.

Address P. O. Box 780407

City/State/Zip Wichita, KS 67278

Purchaser: NA

Operator Contact Person: Burke B. Krueger

Phone (316) 685-1441

Contractor: Name: NA

License:     

Wellsite Geologist:     

Designate Type of Completion  
     New Well      Re-Entry      X Workover

     Oil      X SWD      SLOW      Temp. Abd.

     Gas      ENHR      SIGW

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

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

Operator: Thunderbird Drilling, Inc.

Well Name: Lippoldt #9

Comp. Date 2-4-74 Old Total Depth 4599

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

     Plug Back      PBDT

     Commingled Docket No. D-26,445

     Dual Completion Docket No.     

     Other (SWD or Inj?) Docket No.     

Spud Date      Date Reached TD      Completion Date 1-14-92

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 Burke B. Krueger

Title Vice President Date 1-14-92

Subscribed and sworn to before me this 14th day of January, 19 92.

Notary Public Glenda Funk

Date Commission Expires 4-16-94

K.C.C. OFFICE USE ONLY  
F      Letter of Intent Attached  
C ✓ **RECEIVED**  
C      **KANSAS CORPORATION COMMISSION**  
C      Geologist Report Received  
Date Rec'd JAN 15 1992  
     KCC      NGPA  
     SWD/Rep      Other  
     Plug  
CONSERVATION DIVISION (If)  
WICHITA, KS

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

Operator Name Thunderbird Drilling, Inc. Lease Name Lippoldt Well # 9 SWD

Sec. 14 Twp. 23S Rge. 23  East  West  
 County Hodgeman Co.

**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 (Attach Additional Sheets.) NA	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Heebner	3858	-1531
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Lansing KC	3922	-1595
List All E.Logs Run:		Mississippian	4558	-2231

CASING RECORD <input 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 3/4	8 5/8	24#	507	Common	385	3% CaCl2
D.V. Tool	7 7/8	5 1/2	14#	2253	Common	450	
Production	7 7/8	5 1/2	14#	4597	Common	350	

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

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
4	4558-4566	Acidize 500 gal.	
4	4576-4584	Acidize w/500 gal.	

<b>TUBING RECORD</b>	Size <u>2 3/8" Duoline 4516'</u>	Set At <u>4517'</u>	Packer At <u>4517'</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
NA	NA			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

Disposition of Gas:  Vented  Sold  Used on Lease  Open Well  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

(If vented, submit ACO-18.)

METHOD OF COMPLETION \_\_\_\_\_

Production Interval \_\_\_\_\_