

ORIGINAL

SIDE ONE

CONFIDENTIAL OCT 09 1991

RELEASED

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

API NO. 15- 151-22,000 FROM CONFIDENTIAL

County Pratt

NW NW SE Sec. 24 Twp. 26 Rge. 12 East West

2310 Ft. North from Southeast Corner of Section

2310 Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

Lease Name Howell Well # 1-24

Field Name \_\_\_\_\_

Producing Formation Mississippi

Elevation: Ground 1855 KB 1863

Total Depth 4200' PBTD \_\_\_\_\_

Operator: License # 3180/30224

Name: Deutsch Oil/Dominion Oil

Address: 107 North Market - Suite 1115

City/State/Zip Wichita, KS 67202

Purchaser: Texaco

Operator Contact Person: Kent Deutsch

Phone (316) 267-7551

Contractor: Name: Duke Drilling Co., Inc.

License: 5929

Wellsite Geologist: Kent Deutsch

Designate Type of Completion

New Well  Re-Entry  Workover

Oil  SWD  Temp. Abd.

Gas  Inj  Delayed Comp.

Dry  Other (Core, Water Supply, etc.)

If OWMO: old well info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

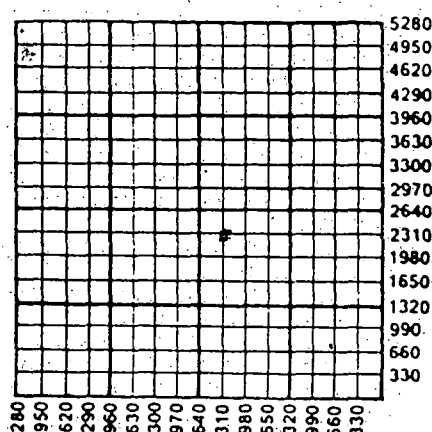
Drilling Method:

Mud Rotary  Air Rotary  Cable

7-28-90 8-2-90 9-12-90

Spud Date Date Reached TD Completion Date

RECEIVED  
STATE CORPORATION COMMISSION  
WICHITA, KANSAS  
SEP 19 1990



Amount of Surface Pipe Set and Cemented at 272' Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 Owner Date 9-18-90

Subscribed and sworn to before me this 18th day of September

Notary Public [Signature]

Date Commission Expires 10-1-93.

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)

SIDE TWO

Operator Name Deutsch Oil/Dominion Oil

Lease Name Howell

Well # 1-24

Sec. 24 Twp. 26 Rge. 12  
 East  
 West

County Pratt

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

Name	Formation Description	
	Top	Bottom
Heebner	3430	
Brn Lime	3416	
Lansing	3630	
Base K.C.	3970	
Mississippi	4052	
Kinderhook	4174	

DST No. 1 Miss. 4057-4106 30-60-60-120  
 Rec.: 750 ft. GIP, 30 ft. GCM w/Oil Sp  
 HP: 2000#-1966# IFP: 33#-33# ISIP: 300#  
 FFP: 33#-33# FSIP: 588# BHT: 117 F

CASING RECORD							
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"	20#	272'	60/40poz	145	2%gel 3%cc.
Production	7-7/8"	4 1/2"	10.5#	4194'	50/50poz	125	10%salt 2%gel 5# Gilsonite
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			Amount and Kind of Material Used			
2	4060-4096			1500 gals. 7 1/2% MCA 195500# Sand			
TUBING RECORD				Liner Run			
Size	Set At	Packer At	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
2 3/8"	4114						
Date of First Production	Producing Method						
9-13-90	<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 Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity		
	85	TSTM	100		41		

Disposition of Gas:  
 Vented  Sold  Used on Lease  
 (If vented, submit ACO-18.)

METHOD OF COMPLETION  
 Open Hole  Perforation  Dually Completed  Commingled  
 Other (Specify) \_\_\_\_\_  
 Production Interval 4060-4096