

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 # 5114  
Name National Development Company  
Address 205 East Central - Suite 120  
City/State/Zip Wichita, Kansas 67202

Purchaser

Operator Contact Person Ralph R. Hamilton  
Phone 316/267-1331

Contractor: License # 5929  
Name Duke Drilling Co., Inc.

Wellsite Geologist Alan Banta  
Phone

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  Cable

5/16/84 Spud Date S-23-84 Date Reached TD 5/23/84 Completion Date

4590 Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 420 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set feet  
If alternate 2 completion, cement circulated from feet depth to w/ SX cmt  
Cement Company Name  
Invoice #

API NO. 15-101-20,980-0000

County Lane

SW SE NE Sec. 6 Twp. 17 Rge. 29 East West

2970 Ft North from Southeast Corner of Section  
990 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

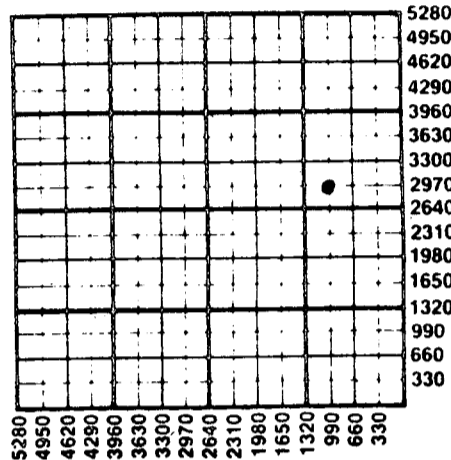
Lease Name DIFREN Well # 1

Field Name

Producing Formation

Elevation: Ground 2820 KB 2825

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  Repressuring  
Docket #

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 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 Ralph R. Hamilton  
Title Manager Date 11/27/85

Subscribed and sworn to before me this 27th day of November 1985

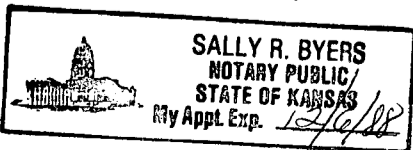
Notary Public Sally R. Byers

Date Commission Expires December 6, 1988

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)



Sec. 6 Twp. 17 Rge. 29 W

SIDE TWO

Operator Name ..... NATIONAL DEVELOPMENT COMPANY ..... Lease Name..... DIREEN ..... Well #..... 1.....

Sec..... 6..... Twp..... 17..... Rge..... 29.....  East  West County..... LOG.....

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

DST #1 4425' - 4405'  
 Open 30", Closed 30", Open 30", Closed 30"  
 1st Opening: Weak blow, died in 10 minutes, No blow, flushed tool, good surge no blow.  
 Recovered: 10' Mud with specks of oil in tool.  
 IFP: 96# - 57#  
 FFP: 115# - 67#  
 ISIP: 270#  
 FSIP: 241#

Name	Top	Bottom
Anhdrite	2228'	3919'
Heebner	3919'	3939'
Toronto	3939'	3957'
Lansing	3957'	4118'
Muncie Creek	4118'	4221'
Stark Shale	4221'	4247'
Hush. Shale	4247'	4293'
Base Ks. City	4293'	4325'
Marmaton	4325'	4355'
Altamont	4355'	4382'
Altamont "B"	4382'	4404'
Pawnee	4404'	4431'
Myric Station	4431'	4460'

Fort Scott	4460'	4485'
Lower Cherokee	4485'	4525'
Johnson Zone	4525'	4558'
Mississippi	4558'	4590'

CASING RECORD <input type="checkbox"/> New <input checked="" 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 1/2"	8-5/8"	28#	420'	60/40 Poz mix	225	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	
None				None			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
None							
Date of First Production		Producing Method					
None		<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....					
Estimated Production Per 24 Hours		Oil	Gas	Water	Gas-Oil Ratio	Gravity	
		Bbls	MCF	Bbls	CFPB		

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) .....  
 Used on Lease  Dually Completed  
 Commingled