

KANSAS

WELL COMPLETION REPORT AND DRILLER'S LOG

State Geological Survey WICHITA BRANCH

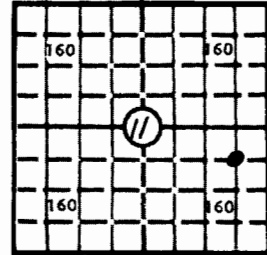
S. 11 T. 31S R. 9W E W

Loc. C NE SE

API No. 15 - 077 - 20,727 County Number

County Harper

640 Acres N



Locate well correctly

Elev.: Gr. 1664

DF KB 1677

Operator Beren Corporation

Address 970 Fourth Financial Center, Wichita, Kansas 67202

Well No. 1 Lease Name DUNCAN-MILLER

Footage Location feet from (N) (S) line feet from (E) (W) line

Principal Contractor BEREDCO INC. Geologist Bob Lewellyn

Spud Date 9/14/81 Date Completed 9/22/81 Total Depth 4466 P.B.T.D.

Directional Deviation Oil and/or Gas Purchaser

CASING RECORD

Report of all strings set — surface, intermediate, production, etc.

Table with 8 columns: Purpose of string, Size hole drilled, Size casing set (in O.D.), Weight lbs/ft., Setting depth, Type cement, Sacks, Type and percent additives. Rows include Surface and Production data.

LINER RECORD

PERFORATION RECORD

Tables for LINER RECORD and TUBING RECORD. LINER RECORD has columns: Top, ft., Bottom, ft., Sacks cement. TUBING RECORD has columns: Size, Setting depth, Packer set at.

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Table with 2 columns: Amount and kind of material used, Depth interval treated.

INITIAL PRODUCTION

Table for INITIAL PRODUCTION with fields: Date of first production, Producing method, RATE OF PRODUCTION PER 24 HOURS (Oil, Gas, Water, Gas-oil ratio), Disposition of gas, Producing interval (s).

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209.

Operator  
Beren Corporation

DESIGNATE TYPE OF COMP.: OIL, GAS,  
DRY HOLE, SWDW, ETC.:

Well No.  
1

Lease Name  
DUNCAN-MILLER

Oil

S 11 T 31 S R 9 W E  
W

**WELL LOG**

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN,  
OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Red bed	0	40		
Red bed and sand	40	295		
Red bed and shale	295	1563		
Lime and shale	1563	4451		
Mississippi	4451	4461		
Lime	4461	4466		
RTD	4466			

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received

*Don Beauchamp*  
Signature

Don Beauchamp - Geologist

Title

November 2, 1981

Date

DRILLERS LOG

11-31-9W

PI  
Junk

Duncan-Miller #1  
Harper County  
C NE SE  
Sec. 11-31S-9W

State Geological Survey  
WICHITA BRANCH

Company: BEREN CORPORATION

Contractor: BEREDCO INC.

Comm: 9/14/81

Comp.: 9/22/81

Casing: 7 jts. of 279' New 20#, 8-5/8" set @ 295' w/275 sks 60-40 Pozmix, 2% Gel, 3% CC. Did Circulate 30 sks. PD 11:45 P.M. 9/15/81 by Halliburton. 95 jts. of 4466' new 10.5# of 4 1/2" set @ 4465' w/200 sks 60-40 Pozmix, 10% Salt-10# Gilsonite per sack. 3/4 of 1° ZFR2. PD 8:00 A.M. 9/22/81 by Halliburton

<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>
Red Bed	0'	40'
Red Bed & Sand	40'	295'
Red Bed & Shale	295'	1563'
Lime & Sahle	1563'	4451'
Mississippi	4451'	4461'
Lime	4461'	4466'

Total Rotary Depth 4466'

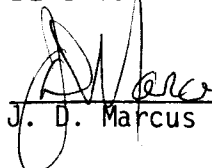
RECEIVED  
STATE CORPORATION COMMISSION  
OCT 2 1981  
CONSERVATION DIVISION  
Wichita, Kansas

STATE OF KANSAS

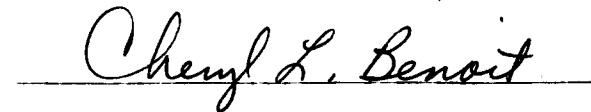
ss:  
COUNTY OF SEDGWICK

I certify that this is a true and correct copy of the above log as shown by the drilling reports.

BEREDCO

  
\_\_\_\_\_  
J. D. Marcus

Subscribed and sworn to before me this 28th day of September, 1981.

  
\_\_\_\_\_  
Cheryl L. Benoit

CHERYL L. BENOIT  
STATE NOTARY PUBLIC  
Sedgwick County, Kansas  
My Appt. Exp. 6-8-85