

WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY  
508 East Murdock, Wichita, Kansas

26-1-39W  
Platte & Co

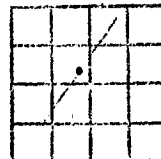
Company- BEN F. BRACK OIL CO., INC.  
Farm- Judy No. 1

SEC. 26 T. 1 R. 39W  
SE SE NW

Total Depth. 5141  
Comm. 4-7-51  
Shot or Treated.  
Contractor.  
Issued. 12-1-51

Comp. 5-21-51

County Cheyenne  
KANSAS



Elevation. 3122 KB  
3123 (sand)  
Production. dry

Figures Indicate Bottom of Formations.

surface	124
sand, shale	530
shale	1335
shale, lime	1825
sand, shale	2765
sand	2825
anhydrite, sand	2875
anhydrite, shale	2935
anhydrite, sand, red bed	3055
red bed, trace of anhydrite	3130
shale, shells	3200
sandy silt, shale	3255
soft red shale	3305
red shale, strk of dolomite	3365
shale	3375
shale, shells	3420
lime, shale	3465
shale, sand	3500
dolomite, sand	3585
lime	3670
lime, sand	3725
lime, chert, sand	3745
lime	3802
lime, sand	3850
lime, sand, shale	3904
lime	3949
lime, shale	4020
lime	4065
lime, shale, red	4095
lime	4150
lime, shale, red	4170
lime	4319
lime, chalk, soft	4328
lime	4385
lime, broken	4405
lime, shale	4455
broken lime	4540
lime	4555
soft lime, trace of Coral	4577
lime	4690
sand, lime	4706
lime	4767
lime, broken	4810
lime	5135
granite	5141
Total depth	

Tops:	
Graneros	1909-68
Morrison	2528-63
Lansing	4145
Base K. C.	4389
Marmaton	4489
Cherokee	4625
Mississippi	4855
Arbuckle	5046

WELL PROGNOSIS

WELLCAT ( X )

DEVELOPMENT ( )

Prospect/Field Judy (Calhoun)  
WELL NAME #1 Judy-Kaufman  
LOCATION NE NW, SECTION 26  
FOOTAGE (65' NW of 660 FNL & 1980' FWL)

LEASE # Kaufman  
COUNTY Cheyenne, STATE Kansas  
TOWNSHIP 1 South, RANGE 39 West  
ELEVATION CR. 3270, EST. KB. 3280  
(3265') (3275')

GEOLOGICAL REQUIREMENTS

Sample Catching: Wash clean, hang in 10 sack bundles in clean, dry place. 10' samples should be in even 100' bundles. under

30 ' samples surf. pipe to 3800 '  
10 ' samples 3800 ' to TD '

SAMPLE DISPOSITION: Kansas Geological Survey, 4150 Monroe St., Wichita, Kansas

DRILLING TIME: Drillers keep 1' drilling time from 3200 ' to TD '

LOGGING PROGRAM: WELLEX 1st Run  
1400' Niobrara IEL, GDL, NL

LOGGING PROGRAM: 2nd Run Guard Log  
caliper; Detail from 3150' to TD

DST PROGRAM: As directed by well-site geologists

MOD PROGRAM:

Mud up @ see below ', Type: \_\_\_\_\_  
\_\_\_\_\_ ; wt. \_\_\_\_\_, Vis. \_\_\_\_\_  
Waterloss \_\_\_\_\_, Oil none

Have mud in shape for possible DST @ 4000 '. Follow directions of \_\_\_\_\_ and Engineer. 1st under surf. pipe GEOLOGIST CALL DEPTH 2nd 3400', STOP DEPTH 1st 1400'; 2nd 4150'. Catch circulation samples (20"-40"-60"), call geologist if not on location.

CONTRACTOR: Murfin Drilling Company  
Rig 14, Lloyd Dellett, Toolpusher

ESTIMATED FORMATION TOPS

* Objective Horizon	FORMATION	DEPTH	DATUM
	Niobrara	(1265)	+2010
(1)	Dakota	(2135)	+1140
(2)	Cedar Hills	(3090)	+ 185
	Base Stone Coral	(3275)	0
	Base Foraker	(3850)	- 575
	Topeka	(4070)	- 795
	Oread	(4150)	- 885
	Lansing A	(4230)	- 955
	Lansing B (Main target)	(4293)	-1018
	C	(4348)	-1073
	D	(4388)	-1113
	E	(4433)	-1158
	F	(4483)	-1208
	Base Kansas City	(4533)	-1258
(3)	Marmaton	(4593)	-1318
TOTAL DEPTH: _____			

WELLSITE GEOLOGIST: Allan Hallock  
GEOLOGICAL SUPERVISION: From 4150'  
To TD

Coowners and Participants/ Pertinent Telephone Numbers: Howard C. Federer  
Office: (806) 372-9781  
Home: (806) 373-6446  
ATTN: Marshall C. Crouch  
Office & Home: (303) 985-7912  
Murfin Drilling Company  
ATTN: Jim Daniels  
Office: (316) 267-3241; Home: (316) 684-8362

REMARKS: Allan Hallock: Office: (303) 623-4925  
Home: (303) 421-0689

IN EVENT DRILLING CEASES FOR REPAIRS, ETC., CATCH CIRCULATION SAMPLES IF PRESENT  
TOTAL DEPTH IS NEAR ANY OBJECTIVE HORIZON.

MUD PROGRAM

The hole will be logged two times. The first after penetrating 150' into the Niobrara. Call Marshall Crouch so he has enough time to get loggers out to well. He needs 8 hrs. notice. Stop at 1400'. Have mud up before penetrate Niobrara. WL 5 c. or less.

- (1) Dakota shows thick, well developed sandstones from logs. Suggest treatment with LCM.
- (2) Cedar Hills is well developed. Expect 75' of sandstone. Suggest LCM treatment.
- (3) Well will most likely stop at Base Kansas City.