

## OIL AND GAS CONSERVATION COMMISSION

DEPARTMENT OF NATURAL RESOURCES

## OF THE STATE OF COLORADO

File in triplicate for Patented and Federal lands.  
File in quadruplicate for State lands.

RECEIVED

5. LEASE DESIGNATION AND SERIAL NO.

MAR 20 1978

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
OIL & GAS CONSERV. COMM.

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Krieger

9. WELL NO.

#3

10. FIELD AND POOL, OR WILDCAT

Jubilee

11. SEC., T., R., M., OR BLOCK AND SURVEY  
OR AREA

Sec. 12-2N-55W

12. COUNTY

Morgan

13. STATE

Colorado

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☒ Other \_\_\_\_\_

b. TYPE OF COMPLETION:

NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other P & A

2. NAME OF OPERATOR

Beren Corporation

3. ADDRESS OF OPERATOR

633-17th Street,

2160 First of Denver Plaza, Denver, Co. 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface

720' FSL &amp; 1980' FSL, Section 12, T2N, R55W

At top prod. interval reported below

same

At total depth

same

14. PERMIT NO.

771308

DATE ISSUED

12-15-77

15. DATE SPUDDED

3-6-78

16. DATE T.D. REACHED

3-10-78

17. DATE COMPL. (Ready to prod.)

3-11-78

(Plug &amp; Abd.)

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)

4523' KB

19. ELEV. CASINGHEAD

4510' GR

20. TOTAL DEPTH, MD &amp; TVD

5080'

21. PLUG, BACK T.D., MD &amp; TVD

-

22. IF MULTIPLE COMPL.,

HOW MANY

-

23. INTERVALS

DRILLED BY

ROTARY TOOLS

0-TD

CABLE TOOLS

None

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)

None

25. WAS DIRECTIONAL  
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

IES, FDC-GR

27. WAS WELL CORED YES ☐ NO ☒ (Submit analysis)DRILL STEM TEST YES ☒ NO ☐ (See reverse side)

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	23#	134.8' KB	12 1/4"	120 sx	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

-

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
—		—				P & A	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
—			→				
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		→					

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Geological Report



00075516

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

J. Roy White

TITLE Western Prod. &amp; Engng Manager DATE March 16, 1978

See Spaces for Additional Data on Reverse Side

**37. SUMMARY OF POROUS ZONES:**  
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.

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
SEE ATTACHED COPY OF GEOLOGICAL REPORT.			

**38. GEOLOGIC MARKERS**

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH



G E O L O G I C A L   R E P O R T

BEREN CORP - #3 KRIEGER

NW $\frac{1}{4}$ SW $\frac{1}{4}$  Section 12, T 2 N - R 55 W

MORGAN COUNTY, COLORADO

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MAR 20 1978

COLD. OIL & GAS CONS. COMM.



MISCELLANEOUS DATA

Commenced: 3-6-78  
Completed: 3-10-78  
Status: D & A  
Elevation: 4510' Gr., 4523' K.B.  
Surface Casing: 8-5/8" @ 134' K.B. with 120 sacks  
Cores: None  
Drillstem Tests: 1: Lynes  
Logs: Schlumberger: IES & GR-Density  
Contractor: Exeter Drilling, Rig #13

FORMATION TOPS - ELECTRIC LOG

Niobrara 4138'  
Pt. Hays 4468'  
Carlile 4521'  
Greenhorn 4617'  
Bentonite 4847'  
"D" Sand 4937' (-414)  
"J" Sand 5010' (-487)  
Total Depth 5080' (5070' Driller)

BIT RECORD

<u>No.</u>	<u>Size</u>	<u>Make</u>	<u>Type</u>	<u>From</u>	<u>To</u>
1	7-7/8"	HTC	OSC3J	134'	2669'
2	7-7/8"	Smith	DTJ	2669	4951
3	7-7/8"	HTC	OSC3J	4951	5020
4	7-7/8"	HTC	OW4J	5020	5070

SAMPLE DESCRIPTION

4900-4937' Shale, black, fissile.

4937-4948' Sandstone, white, very fine grained, angular, silty, tight, no shows.

4948-4952' Sandstone, white, fine grained, angular, slightly quartzitic and clay filled, no shows.

4952-4960' Shale, black.

4960-4962' Sandstone, white, fine grained, tight, traces stain and fluorescence.

4962-4965' Sandstone, tan, fine and medium grained, clean, friable, soft, uniform good stain and fluorescence.

4965-4974' Siltstone, dark gray.

4974-5010' Shale, black.

5010-5014' Sandstone, white, fine and medium grained, quartzitic, glauconitic, no shows.

5014-5020' Siltstone, gray.

5020-5025' Sandstone, white, fine and medium grained, some clay filling, traces fluorescence.

5025-5028' Siltstone, gray.

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COLO. OIL &amp; GAS CONS. COMM.

5028-5033' Sandstone, white, fine grained, quartzitic, tight, no shows.

5033-5039' Shale, black, silty.

5039-5044' Sandstone, tan, fine and medium grained, subround, considerable clay, no shows.

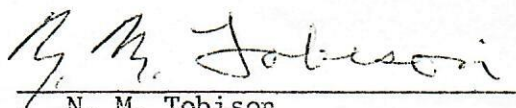
5044-T.D. Sandstone, as above, cleaner, no shows.

#### DRILLSTEM TESTS

#1: 4961-66 (Log measurements). Open 15 min. weak blow, increased to fair, shut in: 30 min., opened 2 hours, no blow first 5 minutes, then began with good blow, increased to bottom of bucket in 15 min. after 20 minutes blow began surging, weakened after 40 minutes into period, continued with weak surges through remainder, recovered 103' muddy water, 197' slightly gas cut water, FP #1: 91-79#, ISI: 889#, FP #2: 127-166#, 60 min. FSI: 874#, Hyd: 3389-2569#, pressure below bottom packer bled to 1201#, sampler volume: 2150 cc, recovered 1500 cc water, trace gas; water was 8500 ppm.

#### REMARKS

Structural position of this well was poor. Shows were present in samples of the lower member of the "D", but only water was recovered on test.

  
N. M. Tobison  
Petroleum Geologist