

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
D. OIL & GAS CONRS. 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 & 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 SPUNDED 3-6-78 16. DATE T.D. REACHED 3-10-78 17. DATE COMPL. (Ready to prod.) 3-11-78 (Plug & Abd.) 18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 4523' KB 19. ELEV. CASINGHEAD 4510' GR

20. TOTAL DEPTH, MD & TVD 5080' 21. PLUG, BACK T.D., MD & 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)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

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



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. & Engng Manager DATE March 16, 1978

See Spaces for Additional Data on Reverse Side

DVR ✓
FJP ✓
HHH ✓
JAM ✓
JJD ✓
RLS ✓
CGM ✓

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
130' AM 5' TRAC... DEPTH... 130' AM 5' TRAC... 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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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'
Ft. 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 & 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

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Petroleum Geologist