

OIL AND GAS CONSERVATION COMMISSION



NATURAL RESOURCES
OF COLORADO

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

NOTE: Application for Permit to Drill was submitted by Rolland Wonderly and Exeter Drilling Northern, Inc.

RECEIVED
SEP 14 1976

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. RESRV. Other _____

2. NAME OF OPERATOR
Beren Corporation

3. ADDRESS OF OPERATOR
2160 First of Denver Plaza, 633-17th Street, Denver, Co. 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface
1980' FWL & 660' FSL (SENW) Sec. 19, T3S, R50W
At top prod. interval reported below
same
At total depth
same

14. PERMIT NO. 76-465 DATE ISSUED 76-465

5. LEASE DESIGNATION AND SERIAL NO

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Friend

9. WELL NO.

#1

10. FIELD AND POOL, OR WILDCAT

Wildcat Rush-Willadel

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

19-3S-50W

12. COUNTY Washington 13. STATE Colorado

15. DATE SPUDDED 6-16-76 16. DATE T.D. REACHED 6-20-76 17. DATE COMPL. (Ready to prod.) 7-12-76 (Plug & Abd.) 18. ELEVATIONS (DF, REB, RT, GR, ETC.) 4852' KB 19. ELEV. CASINGHEAD 4570'

20. TOTAL DEPTH, MD & TVD 4065' 21. PLUG, BACK T.D., MD & TVD 3970 22. IF MULTIPLE COMPL., HOW MANY -- 23. INTERVALS DRILLED BY -- 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) 3916'-3920' ("D" Sand) 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"	24	215	12 1/4"	200 SX	None
4 1/2"	10.5	4064	7 7/8"	150 SX	None

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	3948	

31. PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

INTERVAL	SIZE	AMOUNT AND KIND OF MATERIAL USED
4000'-4002'	2 jspf, 50 gr	
3916'-3920'	2 jspf, 50 gr	
4000'-4002'		75 sx cement

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
8-12-76	Pumping, 1 1/2" insert pump	Producing

DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
9-8-76	24	-		13	TSTM	3	-

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
-	-		13	TSTM	3	24

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Used for fuel TEST WITNESSED BY Gene Masters

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED [Signature] TITLE Division Engineer DATE 9-10-76

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.

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
"D" Sand	3910	3925	<u>Sample Desc.</u> Ss-f.g., lt. tan-brn. oil stn., subrnd, gd. sorting, fr.-gd. por., gd. brt. Fluor., gd. cut on crushed sample DST. 3910-22' op 15"; 5130"; op 180"; SI 60" Rec.: 85' oil; 105' wtr. Pressures: FP: (PREFLOW) 74-50# (FLOW) 74-99# SIP: 707-658# HP: 2106-2045#	Niobrara	3040	
				Fort Hays	3434	
				Carlile	3494	
"J" Sand	3950	3970	<u>Sample Desc.</u> Ss-f.g., gray w/ clay infill, tr oil stain., carb. material, v. low porosity, spotty fluor.	Greenhorn	3620	
				Bentonite	3818	
	3980	4010	Ss. - f.g., wh., subrnd, fr. sorting, fair por., spotty - solid stn., gd. fluor. and cut. DST. 3984-3992' op. 5"; SI 30"; op 60"; SI 30" Rec.: 3' oil, 1042' wtr. Pressures: FP: (PREFLOW) 161-161# (FLOW) 199-484# SIP: 757-757# HP: 2094-2045#	"D" Sand	3902	
				"J" Sand	3951	
	4014	4065	Ss, fine to medium grain, white, with arkosic appearance, clay infill, low porosity, no show			