

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK
DRILL ☒ DEEPEN ☐

b. TYPE OF WELL
IL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

NAME OF OPERATOR Bonneville Fuels Corporation

3. ADDRESS AND TELEPHONE NO.
1660 Lincoln St. Suite 2200 Denver, CO 80264 (303) 376-2564

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface 1650' FSL & 1650' FWL
At proposed prod. zone Unit 6

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approx 2.5 mi. West of Incorporated Limit of City of Carlsbad, NM.

10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 1650'

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2,311'

16. NO. OF ACRES IN LEASE ±1,009 ac

17. NO. OF ACRES ASSIGNED TO THIS WELL 324.26ac

19. PROPOSED DEPTH 11,375'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) GR 3,573' (est fin. grade)

22. APPROX. DATE WORK WILL START* December 26, 1998

PROPOSED CASING AND CEMENTING PROGRAM

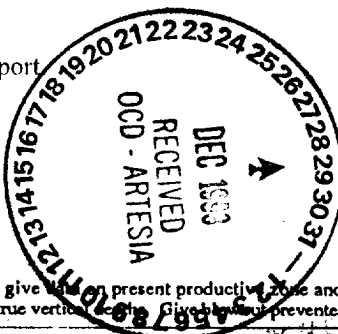
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
26"	20" H-40 PE	94#	140'	14 yards Redi-Mix. Cmt.
17-1/2"	13-3/8" J-55	54.5#	1750' WITNESS	250 sx 'C' + 370 sx Lite Cmt. to Surf
12-1/4"	9-5/8" J-55	40#	12,250'	250 sx 'C' + 430 sx Lite Cmt. To 13 3/8" csg
7-7/8"	5-1/2" N-80/K-55/L-80	17#	±11,200	1 st Stg: 730 sx. Super H + 60 sx Super H 2 nd Stg: 200 sx 50/50 H + 1,050 sx Lite H:

We propose to drill and test the Morrow and intermediate formations. Approximately 40' of conductor will be set if needed for structural stability. ±750' of surface casing well be set to protect fresh water resources. ±2,360' of intermediate casing will be set for well control, and to isolate salts.

If commercial: ±11,375 of 5 1/2" casing will be set.

Attached:

13 Pt Surface Use Plan w/ Archaeology Report
8 Pt Drilling Plan
H₂S Safety Plan



OFFICIAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED R.A. Schwering, P.E. TITLE Operations Manager: SE New Mexico DATE 11/24/98

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
CONDITIONS OF APPROVAL, IF ANY:

Acting Assistant Field Office Manager,
Lands and Minerals

APPROVED BY _____ TITLE _____ DATE _____

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED
NOV 30 98

BLM
ROSWELL, NM

