

SUBMIT IN TRII  
(Other instruct  
reverse side)

Notify OCD Spud & time to Witness  
8 5/8" Casing

Q/SF

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☒ DEEPEN ☐

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

2. NAME OF OPERATOR  
Bonneville Fuels Corporation

3. ADDRESS AND TELEPHONE NO.  
1700 Broadway Street, Suite 1150, Denver CO 80290 303 863-1555

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. \*)  
At Surface  
1310' FNL & 1160' FWL: Unit D  
At proposed prod. zone  
SAME.

5. LEASE DESIGNATION AND SERIAL NO.  
NM 3606

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Lake Shore 10 SC

7. UNIT AGREEMENT NAME  
Comm.: NMNM 101369

8. FARM OR LEASE NAME, WELL NO.  
Lake Shore Fed. S.C. 10 #4

9. API WELL NO.  
30-015-31569

10. FIELD AND POOL, OR WILDCAT  
Avalon Morrow

11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA  
Sec 10 T21S R26E NMPM

12. COUNTY OR PARISH  
Eddy

13. STATE  
NM

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
1.64 miles from City of Carlsbad Limit of Incorporation

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)  
45.9': Communitized In Well.  
1160': 320 ac. Unit Bdry.

16. NO. OF ACRES IN LEASE  
+/- 1,440 ac.

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

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
Prop. @ 403'

19. PROPOSED DEPTH  
11,150'

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
3212.5' Fin. Grade 3229.5' KB

22. APPROX. DATE WORK WILL START\*  
12/15/2000

PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH (MD)	QUANTITY OF CEMENT
17-1/2"	J-55, 13-3/8"	54.5	600'+	500 sx.
12 1/4"	J-55, 8-5/8"	32	2,150'	750 sx
7-7/8"	L-80/P-110, 4-1/2"	11.6	11,150'	605 sx 1st stage + 980 sx. 2nd stage

Attached find 8 pt Drilling Plan and 13 pt Surface Use Plan and their respective attachments.

8 Pt Drilling Plan		13 Pt Surface Use Plan	
Exhibit #1	BOP Equipment	Exhibit A	Topo & Vicinity Map
Exhibit #2	Choke Manifold	Exhibit B	Vicinity Map
Exhibit #3	H2S Safety Plan	Exhibit C-1	Loc Verification Map
Exhibit #3a	H2S Monitoring Layout	Exhibit C-2	C-102 Acreage Dedication Plat
		Exhibit C-3	Copy of Communitization Approval
		Exhibit D	Layout of Prod. Facilities
		Exhibit E	Lease Stips for NM13624
		Exhibit F	Cut & Fill Diagram
		Exhibit G	Pit & Pad Layout
		Exhibit H	Drilling Equipment
		Exhibit I	H2S Monitor Layout
		Exhibits J/K/L/M Archaeological Inspections of Site/Access Road/Pipeline	

Fresh Water Mud  
To Top of Delaware  
OCD  
APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM. If proposal is to deepen or plug back, 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 [Signature] TITLE Operations Mgr. SENM DATE 10/24/00

(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:

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE JAN 22 2001

\*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.