

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/>		5 LEASE DESIGNATION AND SERIAL NO. <b>NM13624</b>	
b TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6 IF INDIAN, ALLOTTEE OR TRIBE NAME	
2 NAME OF OPERATOR <b>Bonneville Fuels Corporation</b>		7 UNIT AGREEMENT NAME	
3 ADDRESS AND TELEPHONE NO. <b>1660 Lincoln Street, Suite 2200, Denver CO 80264 303 863-1555</b>		8 FARM OR LEASE NAME, WELL NO. <b>Avalon 1 Federal #2 25726</b>	
4 LOCATION OF WELL. (Report location clearly and in accordance with any State requirements *) At Surface <b>2686 FSL 1999' FEL (Lot 31)</b> At proposed prod. zone <b>1900' FSL 1800' FEL (Lot 34)</b>		9 API WELL NO. <b>30-015-31104</b>	
14 DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* <b>2.5 miles</b>		10 FIELD AND POOL, OR WILDCAT <b>Foster Draw Delaware Gas</b>	
15 DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT (Also to nearest drlg. unit line, if any) <b>Surf. (Unorthodox) 37'</b> <b>Bottom Hole Orthodox 660'</b>		11 SEC., T., R., M., OR BLK AND SURVEY OR AREA <b>Sec 1 T21S R26E NMPM</b>	
16 NO. OF ACRES IN LEASE <b>406.3</b>		12 COUNTY OR PARISH <b>Eddy</b>	
17 NO. OF ACRES ASSIGNED TO THIS WELL <b>160</b>		13 STATE <b>NM</b>	
18 DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT <b>Surf. 2887'</b> <b>Orthodox</b> <b>B.H. 2233'</b>		20 ROTARY OR CABLE TOOLS <b>Rotary</b>	
21 ELEVATIONS (Show whether DF, RT, GR, etc.) <b>3191 GR</b> <b>3207 DF</b>		DATE WORK WILL START* <b>5/01/2000</b>	
23 PROPOSED CASING AND CEMENTING PROGRAM			

**SUBJECT TO  
LIKE APPROVAL  
BY STATE**

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	700' - 600' /	540 sx
12 1/4"	J-55 8 5/8"	32	2300 MD	860 sx
7 7/8"	J-55 5 1/2"	15.5	4113' MD	440 sx

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 Requirements	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 #4	Directional Drill Plan	Exhibit D	Layout of Prod. Facilities
		Exhibit E	Lease Stips for NM13624
		Exhibit F	Pipeline ROW plat
		Exhibit G	Cut & Fill Diagram
		Exhibit H-1	Pad Layout
		Exhibit H-2	Rig Equipment
		Exhibit I	H2S Monitor Layout
		Exhibit J	Berm & Catchment
		Exhibit K	Arch. Inspection

**APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS**

**ATTACHED NSL-4425(CNSBHL)**

**Notify OCD at SPUD & TIM  
to witness cementing the  
8 3/8" casing.**

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 R. A. Schwering, P.E. TITLE Operations Mgr. DATE 3/8/00

(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

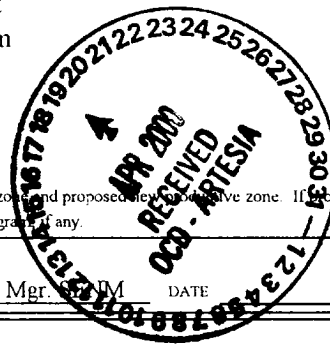
TITLE

**Assistant Field Manager,  
Lands And Minerals**

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

MAR 10 '00

2141  
ROSWELL, NM