

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☒ DEEPEN ☐ PLUG BACK ☐		5. LEASE DESIGNATION AND SERIAL NO. Jicarilla 70
b. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache
2. NAME OF OPERATOR American Fuels Corporation		7. UNIT AGREEMENT NAME NA
3. ADDRESS OF OPERATOR 2921 Carlisle NE, Albuquerque, New Mexico 87110		8. FARM OR LEASE NAME NMC
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*) At surface NW 1/4 NE 1/4 Sec 33, T24N, R4W, Rio Arriba County At proposed prod. zone 1190' N 1455' E		9. WELL NO. #2
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* NA		10. FIELD AND POOL, OR WILDCAT S. Lindy 1/4 Gal-Dak Ext Development
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1190' FNL 1455' FEL		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 33, T24N, R4W
16. NO. OF ACRES IN LEASE approx 2560		12. COUNTY OR PARISH 13. STATE Rio Arriba NM
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. NA		17. NO. OF ACRES ASSIGNED TO THIS WELL 160
19. PROPOSED DEPTH 7300'		20. ROTARY OR CABLE TOOLS Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7032.0' GR		22. APPROX. DATE WORK WILL START* upon approval

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8"	32.3	300'	100 sxs
7 7/8"	5 1/2"	10.0	7000'	475 sxs

Blow out preventors will be installed and tested daily.

Objective will be to drill, test and log the Mesa Verde, Gallup and the Dakota formations. All shows of Hydrocarbons will be tested.



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 Agent DATE 1/29/74

(This space for Federal or State office use)

PERMIT NO. 24 APPROVAL DATE FEB 6 1974
APPROVED BY [Signature] TITLE Agent DATE FEB 6 1974
CONDITIONS OF APPROVAL, IF ANY:

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

NEW MEXICO OIL CONSERVATION COMMISSION

WELL LOCATION AND ACERAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section

Operator AMERICAN FUELS CORPORATION			Lease NMC		Well No. 2
Unit Letter B	Section 33	Township 24 NORTH	Range 4 WEST	County RIO ARriba	
Actual Footage Location of Well: 1190 feet from the NORTH line and 1455 feet from the EAST line Ground Level Elev. 7032.0 Producing Formation Dakota Pool: S. Lindrih Gal-Dall ext. Wildcat Dedicated Acreage: NE 1/4 160 Acres					

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty), **NA**
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc? **NA**

() Yes () No If answer is "yes," type of consolidation

If answer is "no," list the owners and tract descriptions which have actually consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non standard unit, eliminating such interests, has been approved by the Commission.

CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

C. R. Robinson
Name

C. R. Robinson
Position

Agent
Company

American Fuels Corporation

Date

1/29/74

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

