

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-031-20393

5. LEASE DESIGNATION AND SERIAL NO.

NM #9646

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

7. UNIT AGREEMENT NAME

NA

8. FARM OR LEASE NAME

NMD (Shell Oil Co.)

9. WELL NO.

#2

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREANE 1/4 SW 1/4, T19N,  
R12W, Sec. 27

12. COUNTY OR PARISH 13. STATE

McKinley

NM

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL  
WELL ☒GAS  
WELL ☐

OTHER

SINGLE  
ZONE ☒MULTIPLE  
ZONE ☐

2. NAME OF OPERATOR

American Fuels Corporation

3. ADDRESS OF OPERATOR

2921 Carlisle NE, Albuquerque, New Mexico 87110

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

T19N, R12W, NE 1/4 SW 1/4 Sec. 27, McKinley County, NM

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

NA

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest adg. unit line, if any)

2028' FSL

2000' FWL

16. NO. OF ACRES IN LEASE

2569.52

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

NA

19. PROPOSED DEPTH

3500'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6359.0' 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"	8 5/8"	24.0	100'	100 sxs
6 1/4"	4 1/2"	10.5	3400'	125 sxs

Blowout preventors will be tested daily.

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

RECEIVED

JAN 25 1974

U. S. GEOLOGICAL SURVEY  
WASHINGTON, D. C.

RECEIVED

JAN 28 1974

OIL CON. COM.

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

TITLE

Agent

DATE

1/23/74

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

# NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACERAGE DEDICATION PLAT

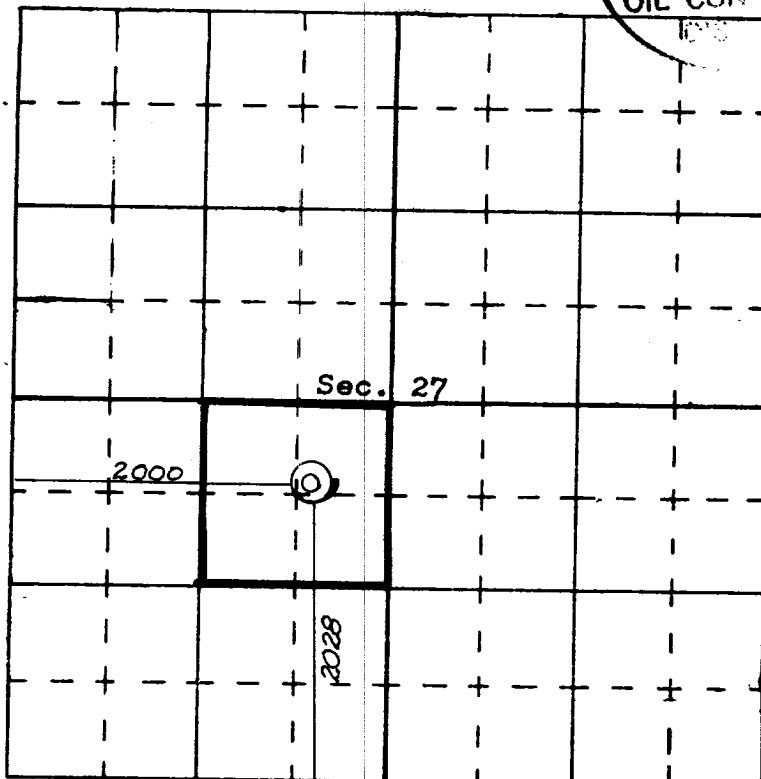
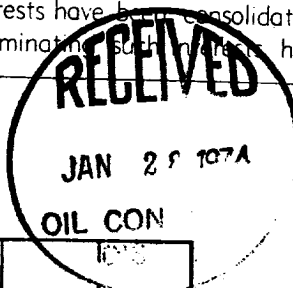
All distances must be from the outer boundaries of the Section

Operator <b>AMERICAN FUELS CORPORATION</b>		Lease		Well No. <b>2</b>	
Unit Letter <b>K</b>	Section <b>27</b>	Township <b>19 NORTH</b>	Range <b>12 WEST</b>	County <b>MCKINLEY</b>	
Actual Footage Location of Well: <b>2028</b> feet from the <b>SOUTH</b> line and <b>2000</b> feet from the <b>WEST</b> line Ground Level Elev. <b>6359.0</b> Producing Formation <b>Entrada</b> Pool <b>3500'</b> <b>WC</b> Dedicated Acreage: <b>NE 1/4 SW 1/4 40 Acres</b>					

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 interest, 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.

[Signature]  
 Name  
 Agent  
 Position  
**American Fuels Corporation**  
 Company  
**1/23/74**  
 Date

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.

**9 January, 1974**  
 Date Surveyed  
[Signature]  
 Registered Professional Engineer  
 and/or Land Surveyor  
**JAMES P. LEBSE**  
**1469**  
 Certificate No.

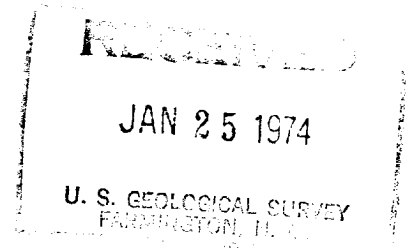
# American Fuels Corporation

TELEPHONES  
(505) 345-3507  
(505) 345-5518

SUITE 200  
2921 CARLISLE BOULEVARD, N. E.  
ALBUQUERQUE, NEW MEXICO 87110

January 23, 1974

Mr. Phil McGrath  
District Engineer, U.S.G.S.  
Petroleum Club Plaza  
P.O. Box 959  
Farmington, New Mexico 87401



Re: Application for Permit to Drill  
AFCo NMD #2  
Sec. 27, T19N, R12W

Dear Mr. McGrath:

In compliance with the new "12 Point" Environmental Inspection requirements, the following information is submitted:

1. See Exhibit "A". (The U.S.G.S. topographic map for the quadrangle in which this location lies is not as yet in print.)
2. See Exhibit "A". It will be necessary to construct approximately 150 feet of new road to the Drill Site which will be 15 feet in width.
3. See Exhibit "B".
4. See Exhibit "A".
5. See Exhibit "C".
6. Water will be hauled from Largo Water Hole, T24N, R4W, SE $\frac{1}{4}$  Section 9.
7. See Exhibit "D". Waste disposal will be buried in the burn pit, latrine, or reserve pit as applicable.
8. NA
9. NA


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Mr. Phil McGrath  
"12 Point" Environmental Inspection Requirements

10. See Exhibit "D".
11. We will restore the Drill Site location to as near its original condition as possible. Particular emphasis will be placed upon the prevention of any erosion potential.
12. Our field representative will be Mr. Donald Burton, Burton Drilling Company, P.O. Box 407, Farmington, New Mexico, (505) 325-5363.

If any additional information is needed, please do not hesitate to contact me.

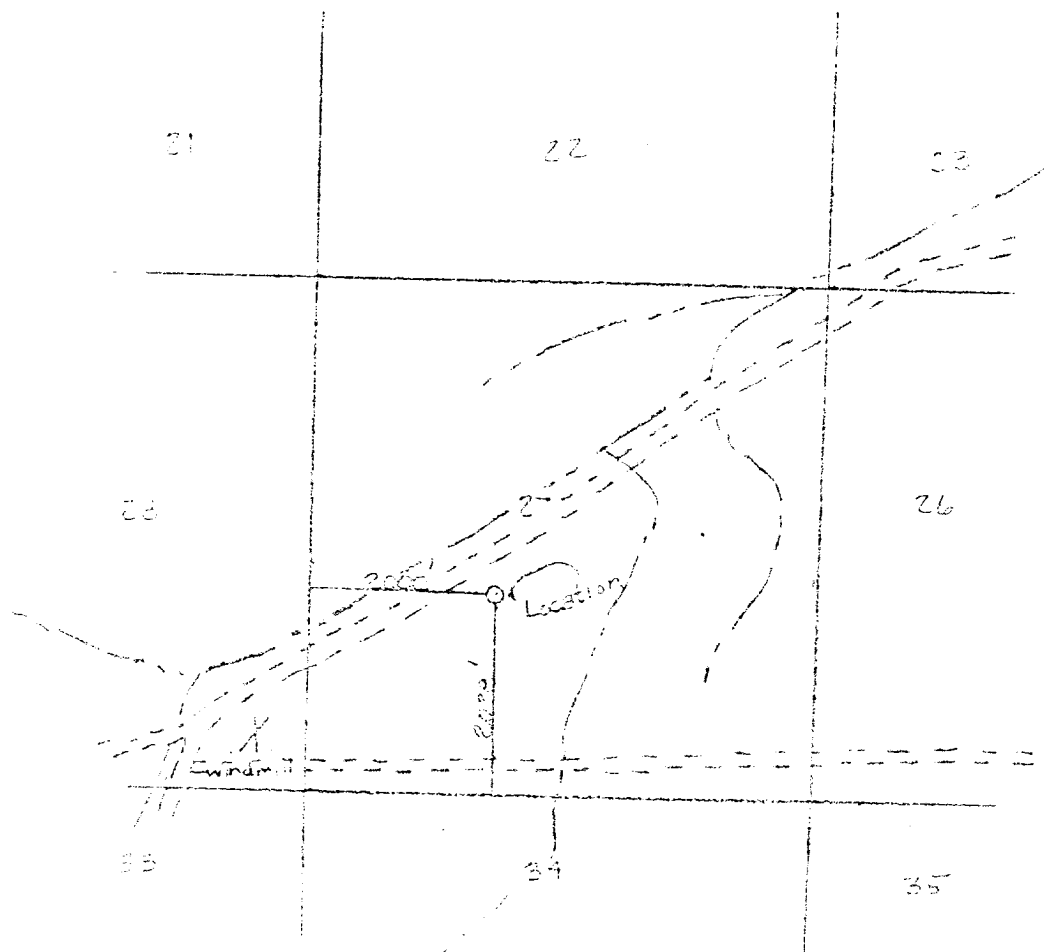
Very truly yours,



C. R. Robinson  
Agent

CRR/bac

Enclosures (4)

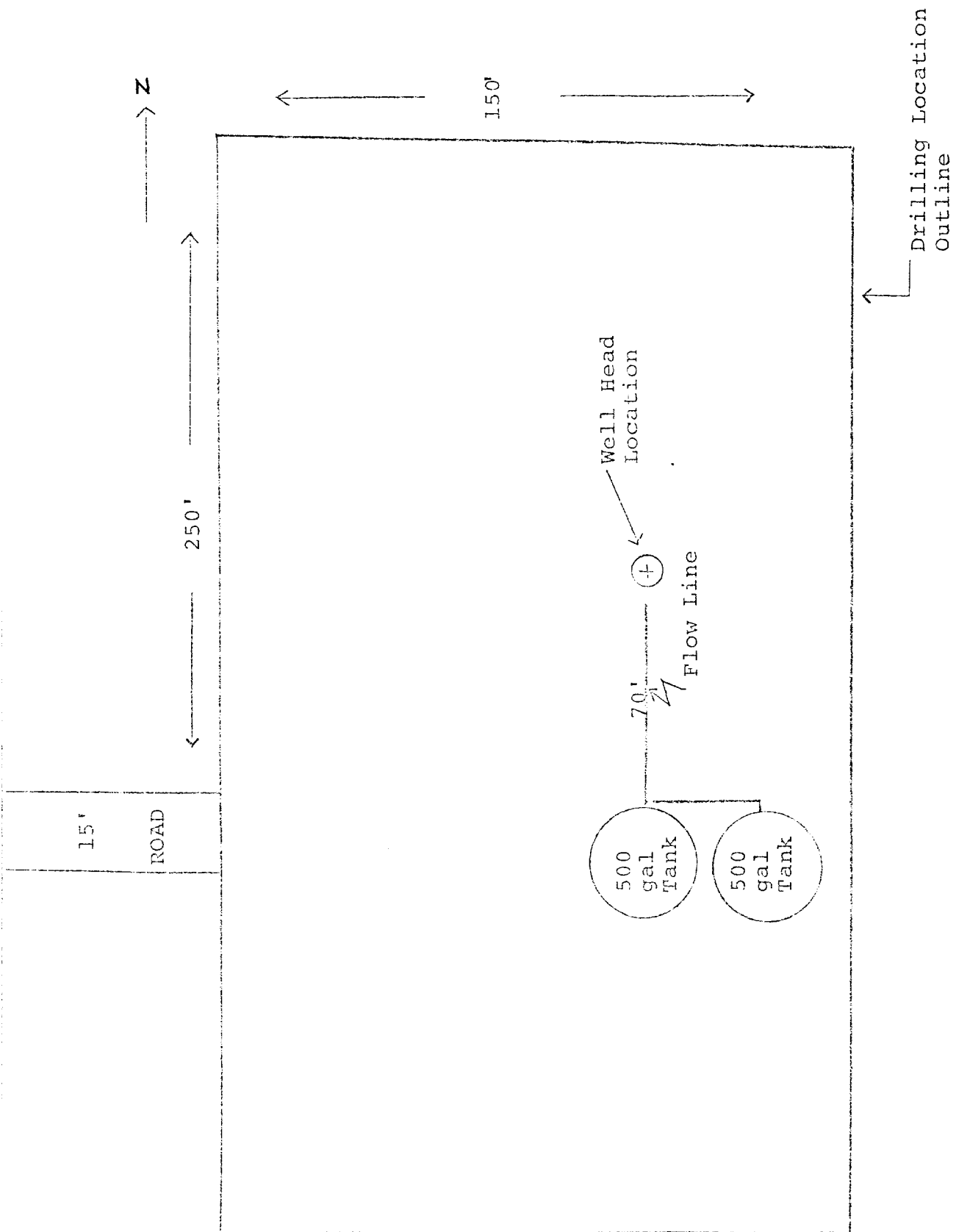


11-2-11

Survey of map for  
 American Fields Corp.  
 well located  
 in NE/4 SW/4 of Sec 27,  
 T10N, R10W, N48PH,  
 McKinley Co., N.Mex. 1-10-11

San Juan Engineering Corp.





LOCATION AND EQUIPMENT  
LAY OUT

Location Size 150' X 200'

