

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-031-20392

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, SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 31, McKinley County,
New Mexico

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 drig. unit line, if any)

660' FWL

1980' FEL

16. NO. OF ACRES IN LEASE

2552.32

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.)

6543.0' 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 $\frac{1}{4}$ "	8 $\frac{5}{8}$ "	24.0	100'	100 SKS
6 $\frac{1}{2}$ "	4 $\frac{1}{2}$ "	10.5	3400'	125 SKS

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.

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JAN 23 1974

OIL CON. COM.
DIST. 3

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JAN 25 1974

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

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**

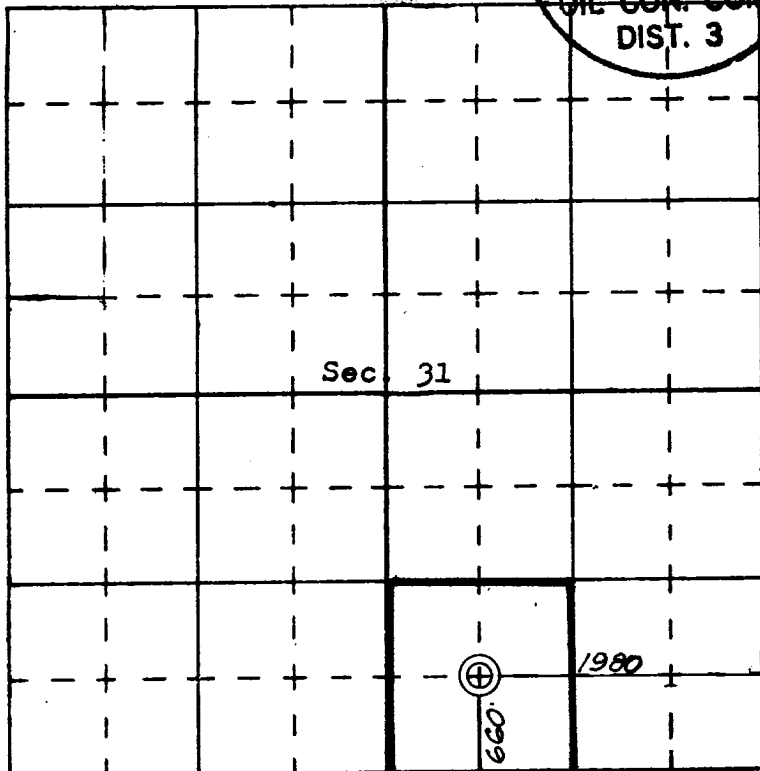
All distances must be from the outer boundaries of the Section

Operator AMERICAN FUELS CORPORATION			Lease NMD		Well No. 1
Unit Letter 9	Section 31	Township 19 NORTH	Range 12 WEST	County McKINLEY	
Actual Footage Location of Well: 660 feet from the SOUTH line and 1980 feet from the EAST line					
Ground Level Elev. 6543.0	Producing Formation Entrada	Pool 3500' WC	Dedicated Acreage: SW$\frac{1}{4}$ SE$\frac{1}{4}$ 40 Acres		

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 interests, has been approved by the Commission.



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**OIL CON. COM.
DIST. 3**

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.

January, 1974
Date Surveyed

[Signature]
Registered Professional Engineer
and Professional Surveyor
JAMES P. LEESE
Certificate No. **1463**

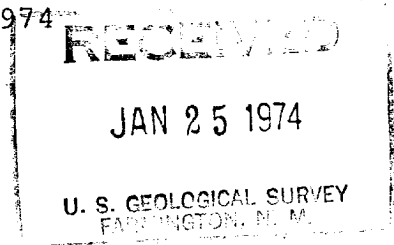
American Fuels Corporation

TELEPHONES
(505) 345-3507
(505) 345-5513

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, NM 87401



Re: Application for Permit to Drill
AFCo NMD #1
Sec. 31, T19N, R12W

Dear Mr. McGrath:

In compliance with the new "12 Point" Invironmental 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" Inviromental 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.

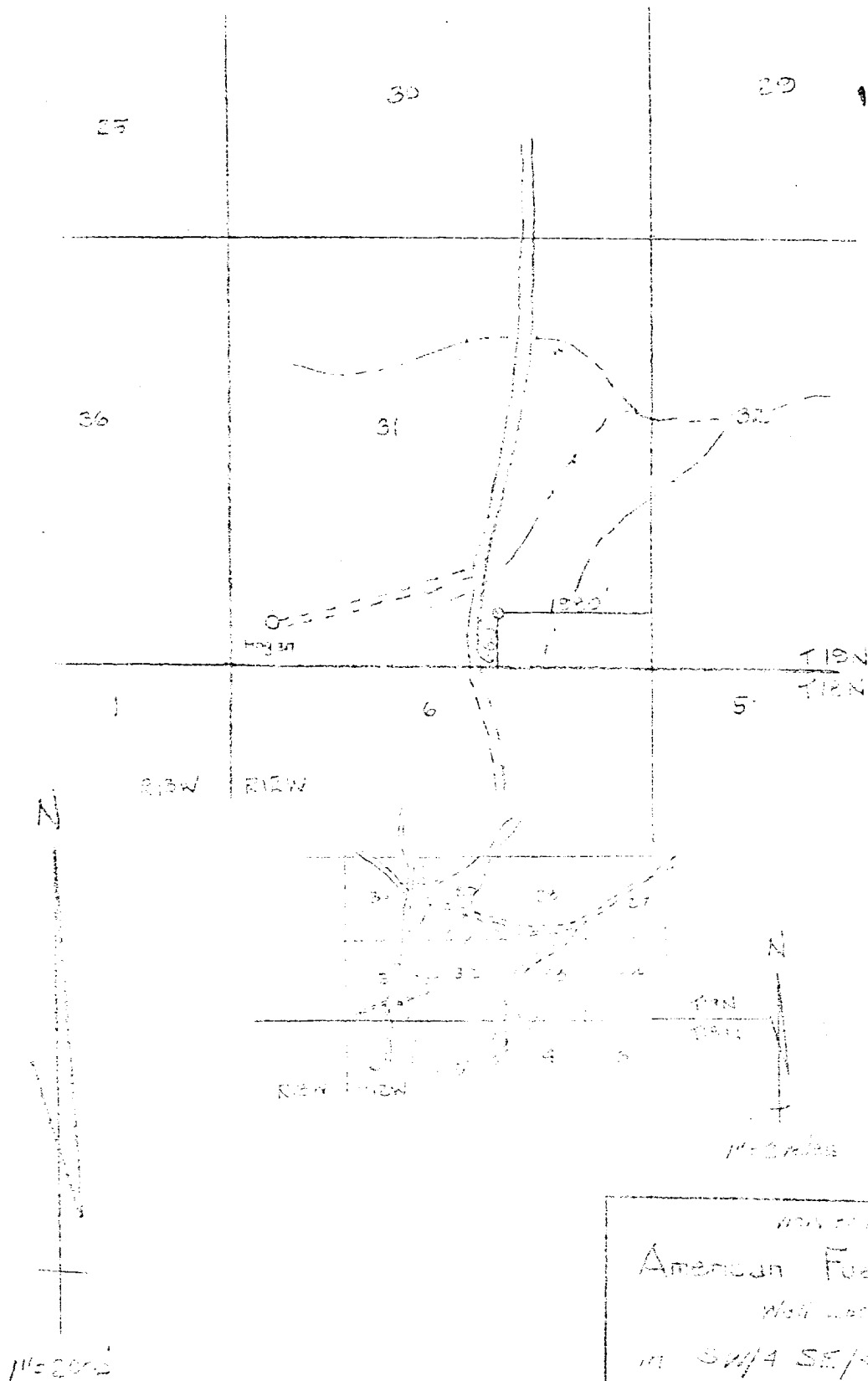
Very truly yours,

A handwritten signature in dark ink, appearing to read 'C. R. Robinson', with a stylized flourish at the end.

C. R. Robinson
Agent

CRR/bac

Enclosures (4)



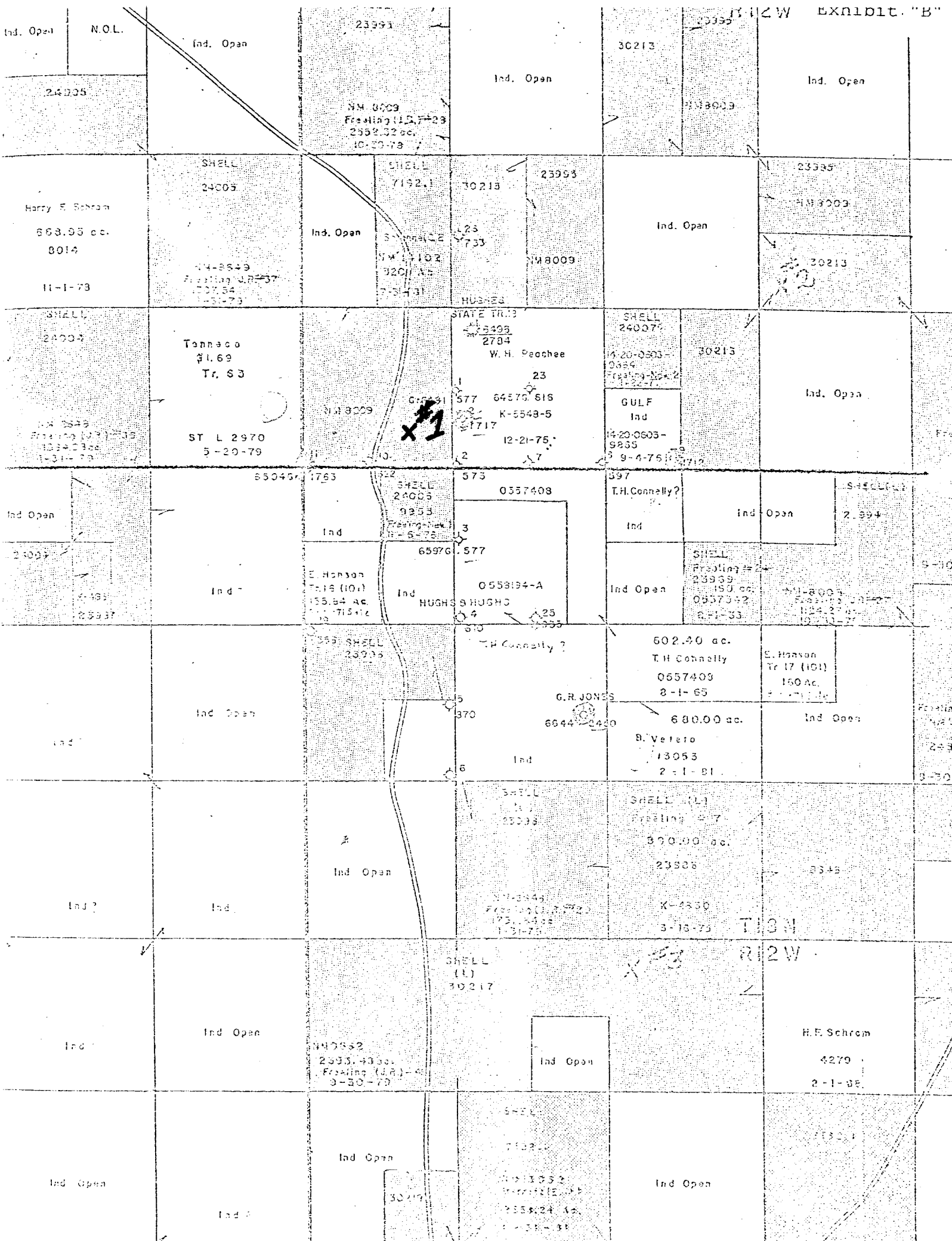
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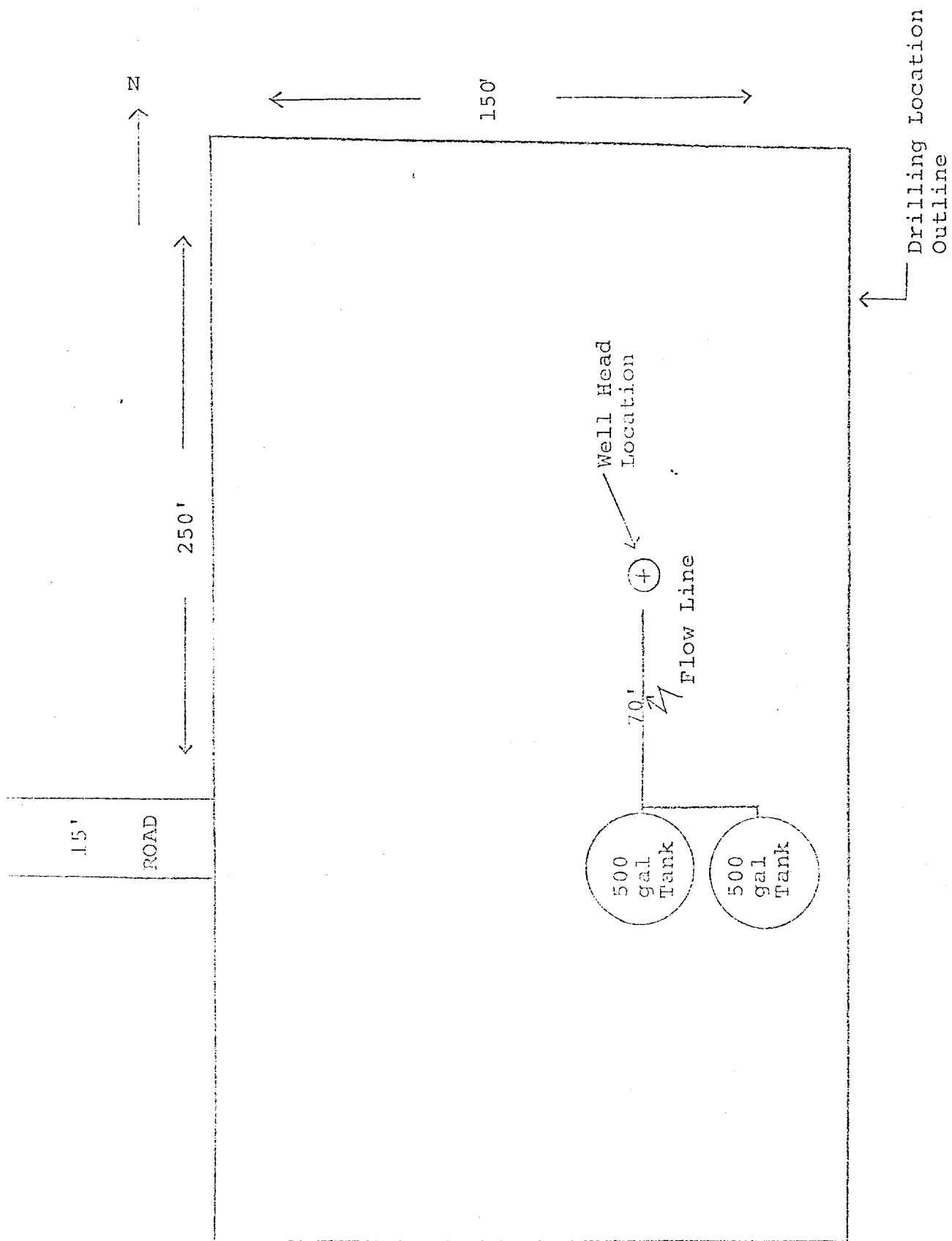
American Fuels Corp.
Well Located

in SW/4 SE/4 of Sec. 31,
T12N, R12W, N.M.P.M.

Moab, Co., N.M. 1-10-74

San Juan Engineering Company

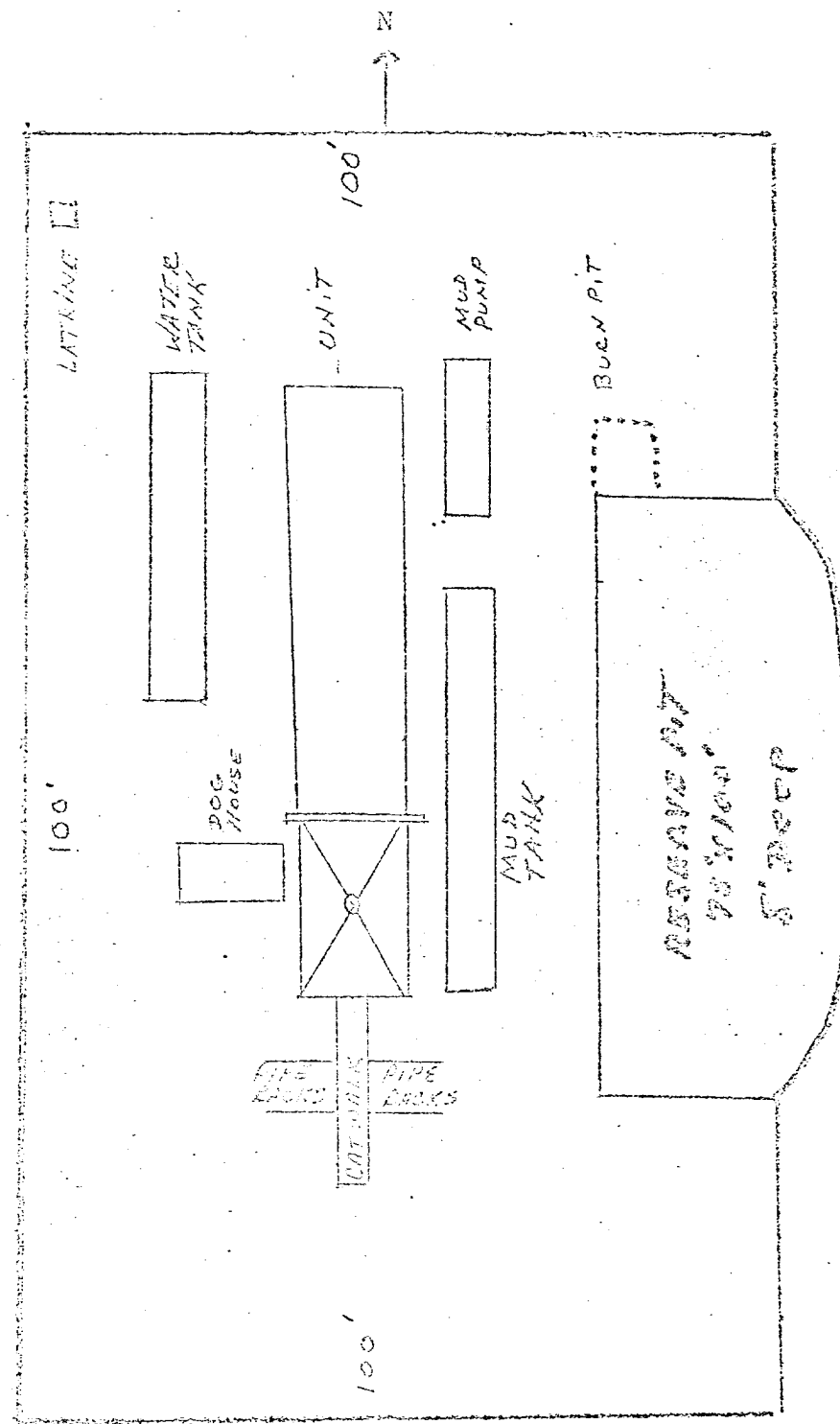




LOCATION AND EQUIPMENT
LAY OUT

Location Size 150' X 200'

W



S

E