

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

(Other instructions on reverse side)

Budget Bureau No. 42-R1425.

API\* 30-061-20014

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

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM 11728	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> Wildcat      SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR REESE AND JONES		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 20 First Plaza, Suite 402, Albuquerque, NM 87102		8. FARM OR LEASE NAME NZ	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 660 FNL & 2310 FWL      Unit C At proposed prod. zone SAME		9. WELL NO. 3	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 27 miles west of Los Lunas, N.M.		10. FIELD AND POOL, OR WILDCAT Wildcat	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 22-6N-3W-NMPM	
16. NO. OF ACRES IN LEASE 1880		12. COUNTY OR PARISH Valencia	
17. NO. OF ACRES ASSIGNED TO THIS WELL 40.00		13. STATE NM	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. NONE		19. PROPOSED DEPTH 3500	
20. ROTARY OR CABLE TOOLS Rotary		21. APPROX. DATE WORK WILL START* January 15, 1980	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5956 ungraded ground		22. APPROX. DATE WORK WILL START*	
23. PROPOSED CASING AND CEMENTING PROGRAM			

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
10 3/4	8 5/8	32	200	Cmt. to circulate to surface
7 7/8	5 1/2	14	3500 TD	200 sxs.

Plan to spud 10 3/4" hole and drill to 215 feet and set 200 feet of 8 5/8" casing with sufficient cement to circulate to surface. Drill 7 7/8" hole to 3500 feet or depth sufficient to test the Pennsylvanian formation and run appropriate logs. If production is indicated, will run 5 1/2" casing to total depth, cement with 200 sxs, perforate and stimulate if required. Will run 2 3/8" tubing for production string.

10" Schaffer Double Gate Hydraulic BOP tested to 3000 psi will be on well during all drilling operations.

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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 Morris B. Jones TITLE Morris B. Jones, Engineer DATE November 27, 1979  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY

OIL CONSERVATION DIVISION

SANTA FE \*See Instructions On Reverse Side

All distances must be from the outer boundaries of the Section.

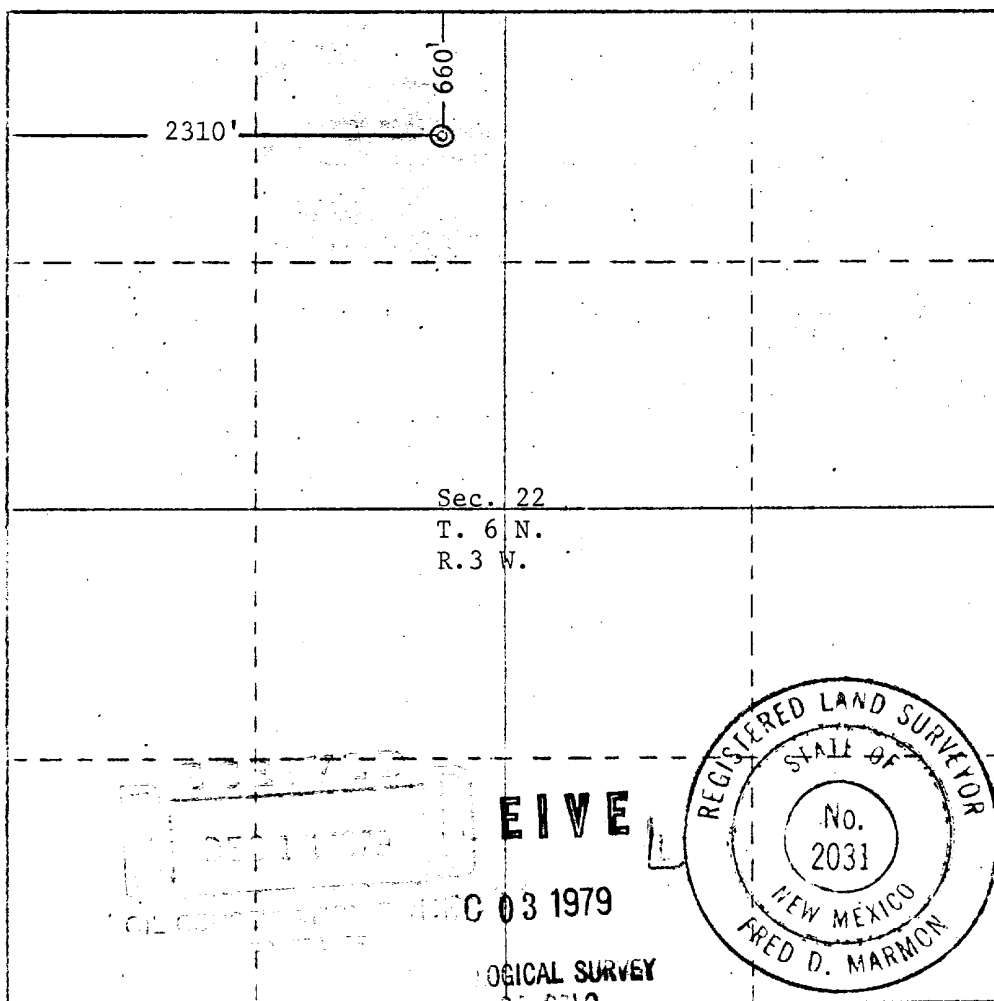
Operator <b>REESE AND JONES</b>			Lease <b>NZ</b>		Well No. <b>3</b>
Unit Letter <b>C</b>	Section <b>22</b>	Township <b>6 North</b>	Range <b>3 West</b>	County <b>Valencia</b>	
Actual Footage Location of Well:					
660 feet from the north line and		2310 feet from the west line			
Ground Level Elev. <b>5956</b>	Producing Formation <b>Pennsylvanian</b>	Pool <b>Wildcat</b>	Dedicated Acreage: <b>40.00</b> 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).
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?

☐ Yes ☐ No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been 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.

*Morris B. Jones*  
Morris B. Jones  
Position

Engineer

Company

Reese and Jones

Date

November 27, 1979

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.

Date Surveyed

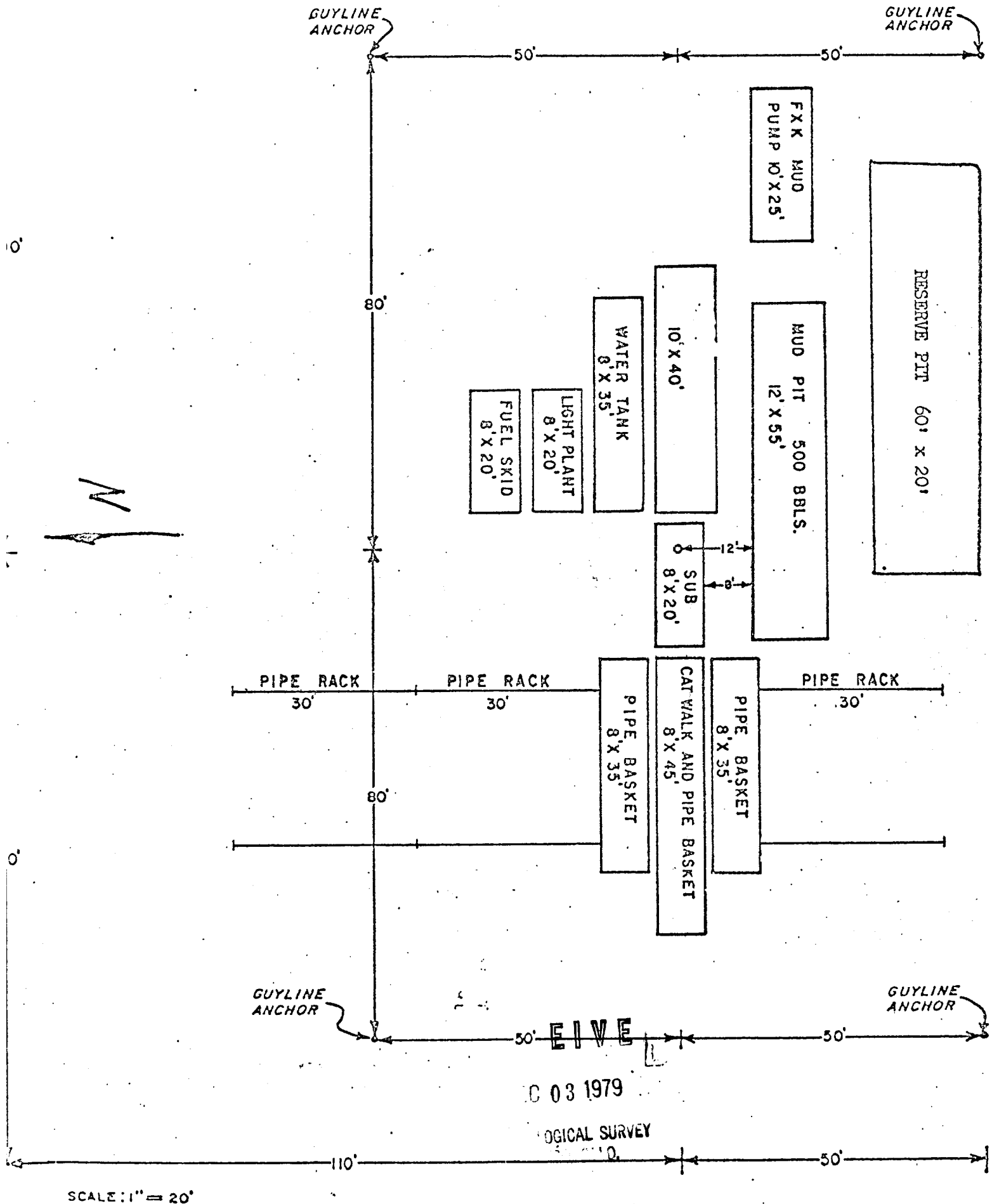
November 24, 1979

Registered Professional Engineer and/or Land Surveyor

*Fred D. Marmion*  
Certificate No.

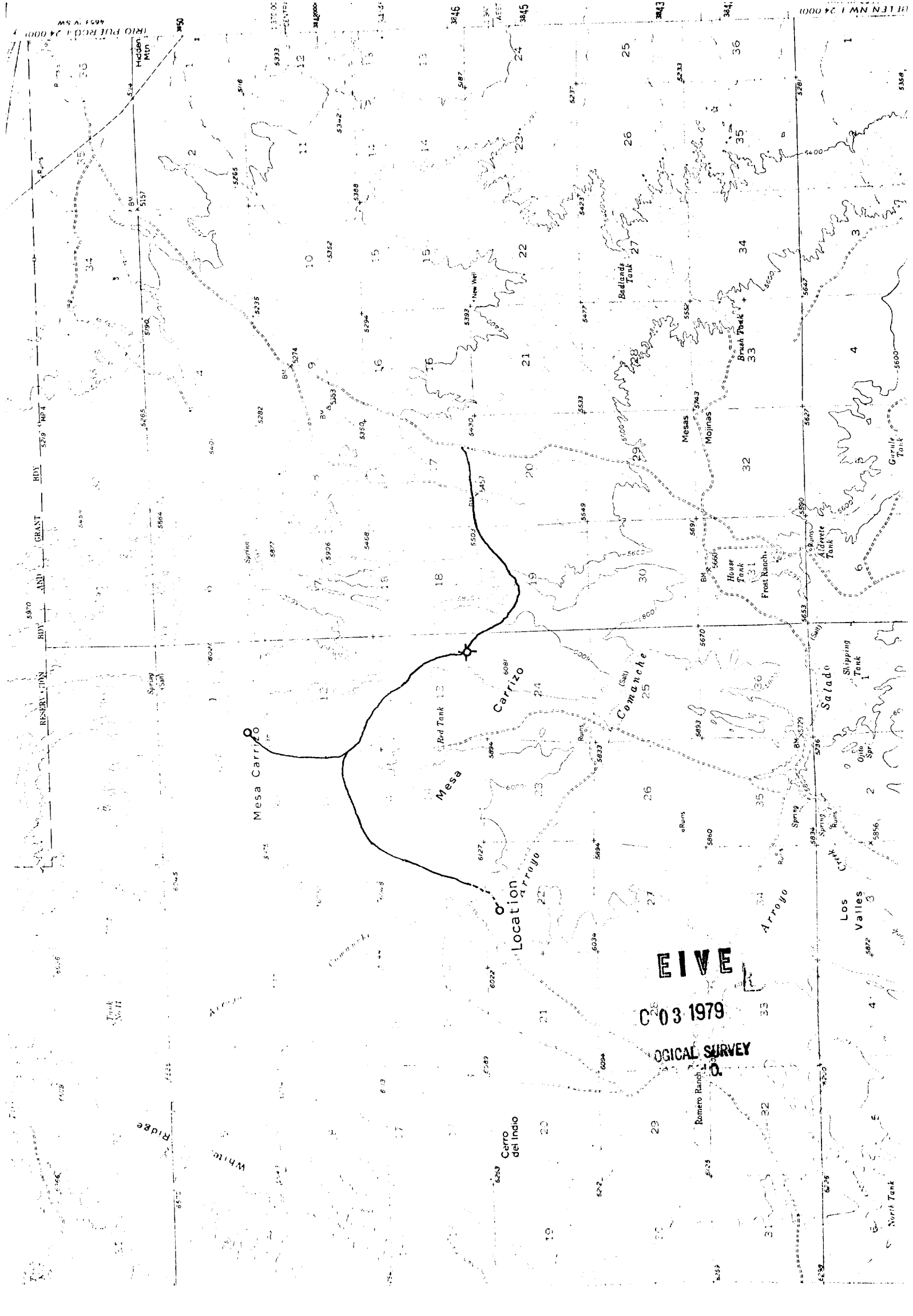
N.M. L.S. # 2031

330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600



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MORRIS B. JONES  
CONSULTING PETROLEUM ENGINEER  
1223 BANK OF NEW MEXICO BLDG.  
ALBUQUERQUE, NEW MEXICO 87102

November 27, 1979

Mr. Carl A. Barrick,  
Acting District Engineer  
U. S. Geologic Survey  
Box 1809  
Durango, Colorado 81301

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DEC 03 1979

LOGICAL SURVEY  
D.D. 010.

RE: Development Plan for Surface Use,  
NTL-6, Reese and Jones, NZ #3,  
Unit C, Section 22, T 6N, R 3W,  
NMPM, Valencia County, New Mexico,  
NM-11728.

Dear Mr. Barrick:

With reference to the enclosed application for Permit to Drill by Reese and Jones on the above referenced well, the following Development Plan for Surface Use is being furnished you in compliance with the 13 Point Program required by the U. S. Geologic Survey:

1. Enclosed is a photostatic excerpt from a U.S.G.S. topographic map showing the existing roads with a three mile radius of the proposed well location and the exit road from New Mexico Highway 6.
2. A short access road will be constructed from the existing road in Section 15 to the well location as shown on the enclosed map. Road construction will be kept to a minimum (approximately one-half mile).
3. No wells have been drilled within a one mile radius of the well location.
4. The information on lateral roads is included in Items 1 and 2 and are shown on the enclosed map.
5. If production is encountered, tank battery will be set at the well site.
6. Water supply will be in Rio Puerco, approximately ten miles northeast of the well site.
7. All waste will be placed in reserve pit as shown on the attached rig layout, allowed to dry, and be buried.

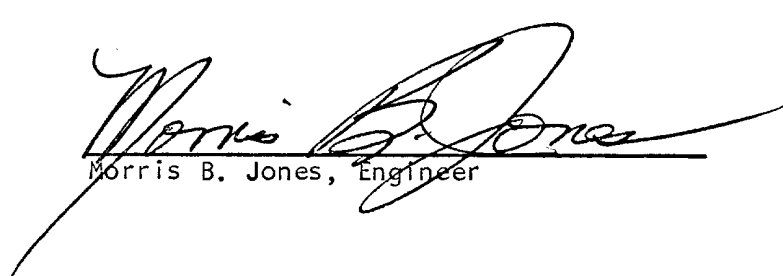
November 27, 1979

8. There will be no camps nor will any airstrips be constructed with the proposed well location.
9. Rig layout sketch is attached hereto. The general topography in the immediate area of the well location is sloping to the southeast. The drilling pad will be compacted with a bulldozer.
10. Surface will be restored as required by the Bureau of Land Management.
11. Surface is the Abo formation with sparse grazing and vegetation.
12. The operator's field representative who is responsible for assuring compliance with the approved surface use and operation plan is:

Morris B. Jones  
1223 Bank of New Mexico Building  
Albuquerque, New Mexico 87102

Phone: 505-247-8393

13. I certify that I or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Reese and Jones and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

  
Morris B. Jones, Engineer

Enclosures

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GEOLOGICAL SURVEY  
DALLAS, TEXAS