

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-043-20164

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

REESE & JONES

3. ADDRESS OF OPERATOR

900 Bank of New Mexico Building, Albuquerque, New Mexico 87102

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

At surface

1980' fs1, 1980' fwl

At proposed prod. zone 1980' fs1, 1980' fwl

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

12 miles southwest of Cuba, New Mexico

15. DISTANCE FROM PROPOSED*

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

660'

18. DISTANCE FROM PROPOSED LOCATION*

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

None

16. NO. OF ACRES IN LEASE

1920

19. PROPOSED DEPTH

5800'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

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

6961' GR

22. APPROX. DATE WORK WILL START*

3-30-75

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#	200'	150 sx, circulated
7-7/8"	5-1/2"	14# & 15.5#	5800'	200 sx

Plan to drill 12-1/4" hole to 200' and set 8-5/8" 24# surface casing with sufficient cement to circulate. Plan to drill 7-7/8" hole to 5800' or sufficient depth to test the Estrada. If production is encountered, will run 5 1/2" casing to total depth and cement with 200 sacks, and complete by selective perforation and running 2-3/8" tubing. A 10" Shaffer Double Gate hydraulic blowout preventer tested to 3000 p.s.i. will be on well during all drilling operations.

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

V. R. Reese

TITLE

Geologist

DATE

March 19, 1975

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-102
Supersedes O-120
Effective 1-1-67

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

Operator REESE & JONES				Lease NACK Federal				Well No. 1	
Grid Letter K	Section 36	Township 20 North	Range 3 West	County Sandoval					
Actual Surface Location of Well									
1900 feet from the West line and		1900 feet from the South line							
Ground Level Elev. 6963	Producing Formation Entrada sandstone			Lithology Wildcat			Estimated Acreage 40 Acres		

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
ONE LEASE ONLY
- 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?
ONE LEASE ONLY

☐ 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.

	<p align="center">CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p align="right"><i>Val R. Reese</i> Val R. Reese Geologist</p> <hr/> <p>Operator REESE & JONES</p> <p>Date March 19, 1975</p> <hr/> <p>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.</p> <p>Date Surveyed March 19, 1975</p> <p>Professional Engineer and/or Land Surveyor</p> <p align="right"><i>John H. Walker</i> John H. Walker</p>
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Val R. Reese, Inc.

Val R. Reese, C.P.G.
Oil/Gas/Mining

Geological Consulting
900 Bank of New Mexico Building
Albuquerque, New Mexico 87102

Office: Phone 243-0665
Home: Phone 255-9749

March 19, 1975

Mr. Jerry W. Long, District Engineer
U. S. Geological Survey
P. O. Box 1809
Durango, Colorado 81301

Re: Development Plan for Surface Use
Reese & Jones NACK Federal No. 1
NE SW Sec 36, T20N, R3W, N.M.P.M.,
Sandoval County, New Mexico

Dear Jerry:

With reference to the enclosed application for permit to drill made by Reese & Jones on the above-referenced well, the following Development Plan for Surface Use is being furnished you in compliance with the 12 Point Program required by the U.S.G.S.

1. Enclosed is a photostatic excerpt from U.S.G.S. topographic maps showing the existing roads within a 3-mile radius of the proposed well location and the exit road from State Highway 197.
2. A short access road will be constructed from the existing road to the well location as shown on the enclosed map. Road construction will be kept to a minimum (approximately 1/8th mile).
3. There are no existing wells, either abandoned, drilling, or producing within a one-mile radius of the well location.
4. The information on lateral roads is included in Items 1 and 2 and shown on the enclosed map.
5. If production is encountered, tank battery will be set at well site.
6. Water supply will be obtained from Media water supply well to the southwest in Section 14, Township 19 North, Range 3 West.
7. All waste will be placed in reserve pit as shown on the attached rig layout, allowed to dry, and be buried.
8. There will be no camps for the proposed well location.
9. No airstrips will be constructed in connection with the proposed well location.

Mr. Jerry W. Long

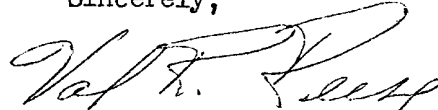
2

March 19, 1975

10. Rig layout sketch is attached hereto. The general topography in the immediate area of the well location is flat and the drilling pad will be compacted with a bulldozer.
11. Surface will be restored as required by Bureau of Land Management.
12. Surface is Kirtland shale with sparse grazing (not farm land).

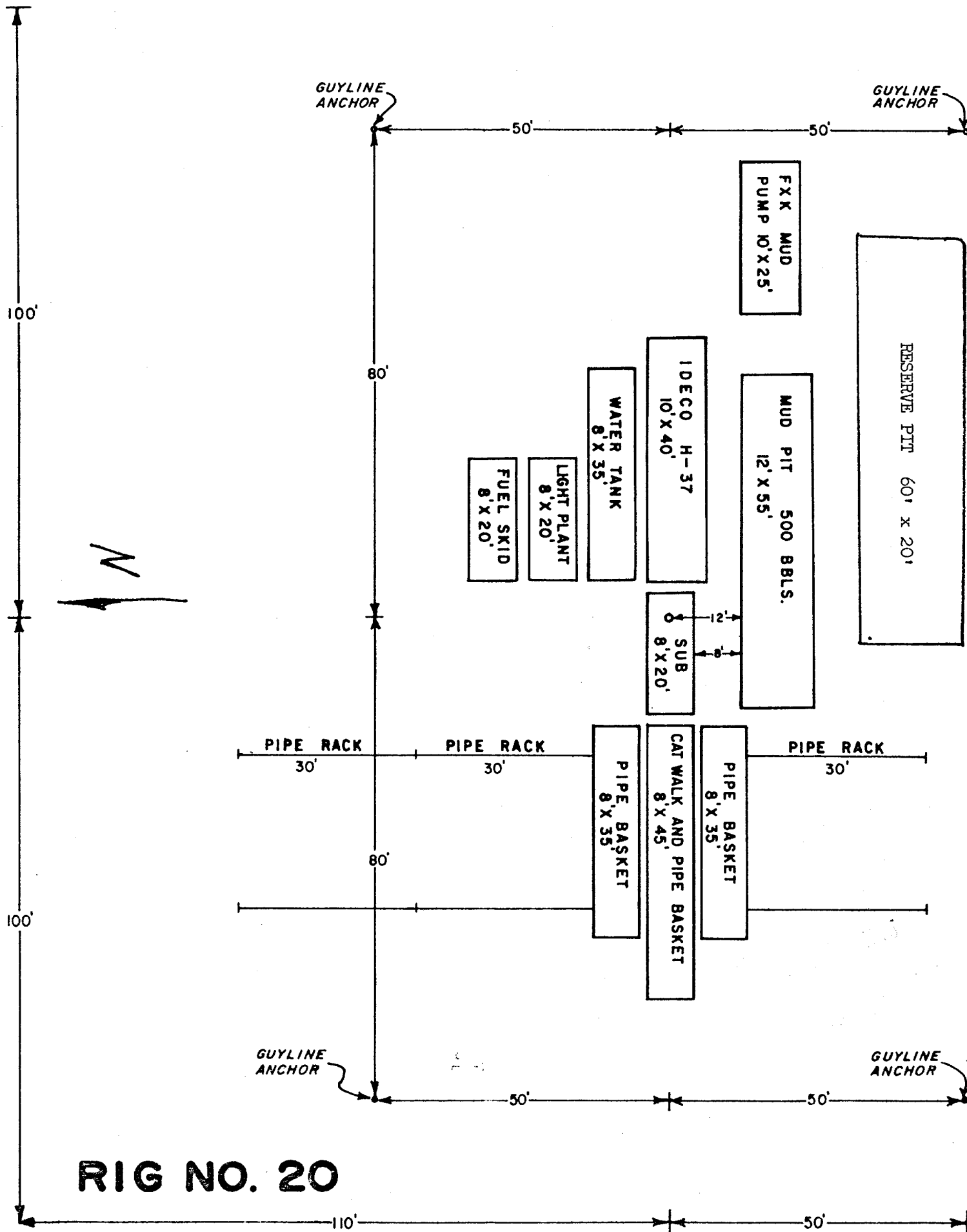
We would appreciate your approving the application for a permit to drill at your earliest possible convenience. The designation of operator is being furnished directly by the Lessees of record who have a plugging bond on file.

Sincerely,



Val R. Reese

VRR:mb



RIG NO. 20

SCALE: 1" = 20'

