

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-039-22877

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

5. LEASE DESIGNATION AND SERIAL NO.

NM 21738

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

FEDERAL 18

9. WELL NO.

#32

10. FIELD AND POOL, OR WILDCAT

Lybrook

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

G Section 18, T23N-R7W

12. COUNTY OR PARISH 13. STATE

Rio Arriba

NM

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐

OTHER

2. NAME OF OPERATOR

KENAI OIL AND GAS, INC.

3. ADDRESS OF OPERATOR

717 Seventeenth Street, #2000, Denver, Colorado 80202

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

At surface

2285' FNL 2300' FEL

At proposed prod. zone

Gallup - 5195'

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

Six (6) miles to Nageezi, New Mexico

15. DISTANCE FROM PROPOSED*

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

1850'

16. NO. OF ACRES IN LEASE

1286.08

17. NO. OF ACRES ASSIGNED

TO THIS WELL 40.00

18. DISTANCE FROM PROPOSED LOCATION*

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

1980'

19. PROPOSED DEPTH

5645'

20. ROTARY OR CABLE TOOLS

Rotary

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

7020' 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# J-57 | 500' | 300 SXS |
| 7 7/8" | 4 1/2" | 10.5# K-55 | 5645' | 700 SXS |

Objective: Bottom of Gallup

Logging: DIL: base of surface to T.D. FDC-CNL w/GR and caliper: over potential
producing zone. Spectralog: T.D. to 4500'

Mud Program: Spud Mud 0-500'

Low Solids 500' to T.D., W/8.8-9.1, 32-38 Vis., F.L. of 6 to 8 cc

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

C.A. McWilla

TITLE

Agent

DATE

March 12, 1982

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

Dean Elliott

TITLE

For James F. Sims
District Supervisor

DATE

DEC 18 1981

CONDITIONS OF APPROVAL, IF ANY:

h7

NMOCC

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

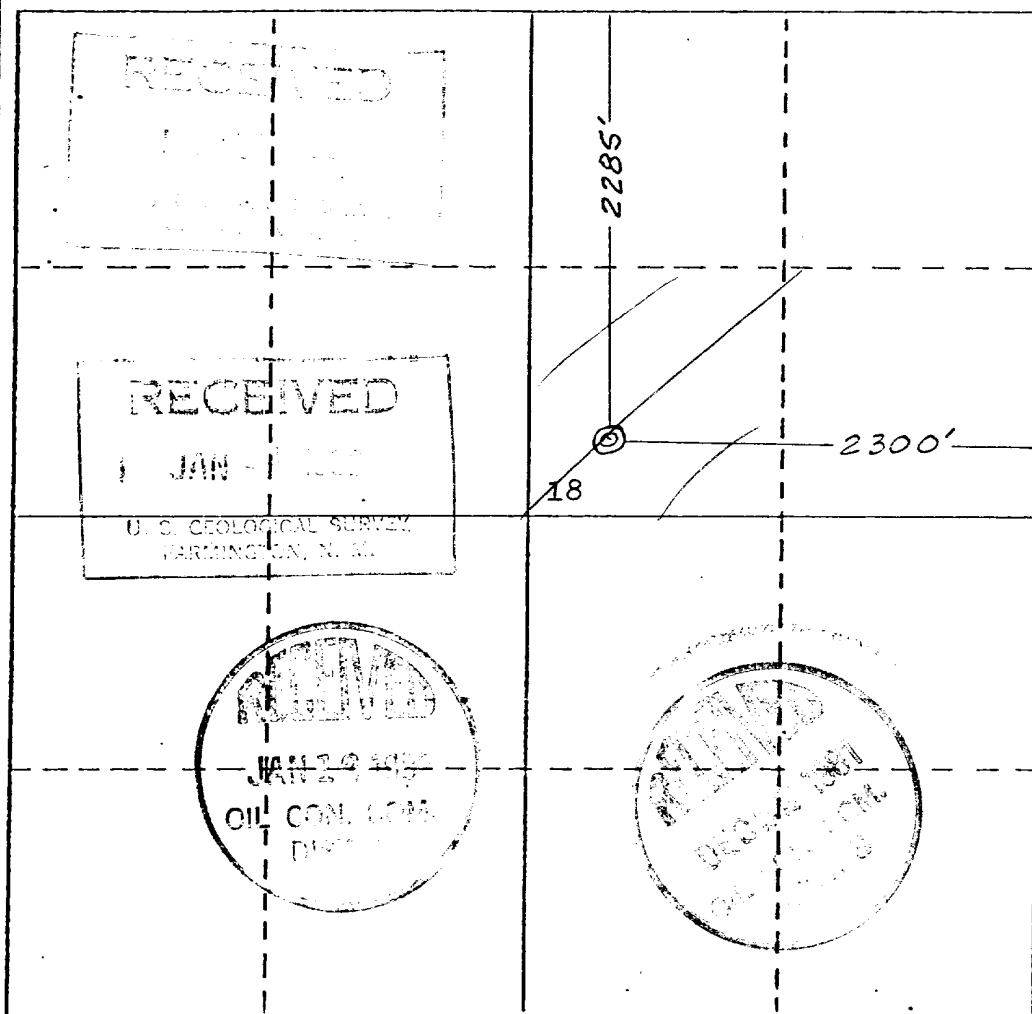
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|--|--------------------------------------|-----------------------------|-----------------------------|---------------------------------------|------------------------|
| Operator KENAI OIL & GAS, INC. | | | Lease FEDERAL 18 | | Well No. #32 |
| Unit Letter G | Section 18 | Township 23 NORTH | Range 7 WEST | County RIO ARRIBA | |
| Actual Footage Location of Well: 2285 feet from the NORTH line and 2300 feet from the EAST line | | | | | |
| Ground Level Elev. 6991 | Producing Formation Gallup | | Pool Lybrook Ext. | Dedicated Acreage: 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).
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 Division



CERTIFICATION

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

St. Thoop

Name

Position

Company

Date

I hereby certify that the 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 5, 1981

Registered Professional Engineer and/or Land Surveyor

James P. Leese
James P. Leese

Certificate No.

1463

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

Kenai Oil & Gas, Inc.

Federal 18 Well #32

SW $\frac{1}{4}$ NE $\frac{1}{4}$.Sec. 18, T23N-R7W

Rio Arriba County, N.M.

Existing Road——Proposed Road----

