

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## 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

Kenai Oil &amp; Gas Inc.

## 3. ADDRESS OF OPERATOR

2000 Energy Center One 717-17th Street Denver, Colo. 80202

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

At surface

790' FNL &amp; 1850 FEL

At proposed prod. zone

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

3 miles North of Lindrith, New Mexico

## 10. DISTANCE FROM PROPOSED\*

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

790'

## 16. NO. OF ACRES IN LEASE

160

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

164.88

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

## 19. PROPOSED DEPTH

3600

## 20. ROTARY OR CABLE TOOLS

Rotary

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

7235' GR

## 22. APPROX. DATE WORK WILL START\*

Dec. 1, 1979

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 $\frac{1}{2}$	8 5/8	24#	200'	150 sx-circ to surface
6 $\frac{1}{2}$	4.500	9.5#	3600'	200 sx

Selectively perforate and sandwater fracture the Pictured Cliffs formation.

A 3000 psi WP and 6000 psi test double gate preventer equipped with blind and pipe rams will be used for blow out prevention.

This gas is dedicated.

The NE $\frac{1}{4}$  of Section 3 is dedicated to this well.

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

Joe F. Ellender

TITLE Agent

DATE 11-5-79

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

write now ok 3.10.79

NOV 05 1979

\*See Instructions On Reverse Side

**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section

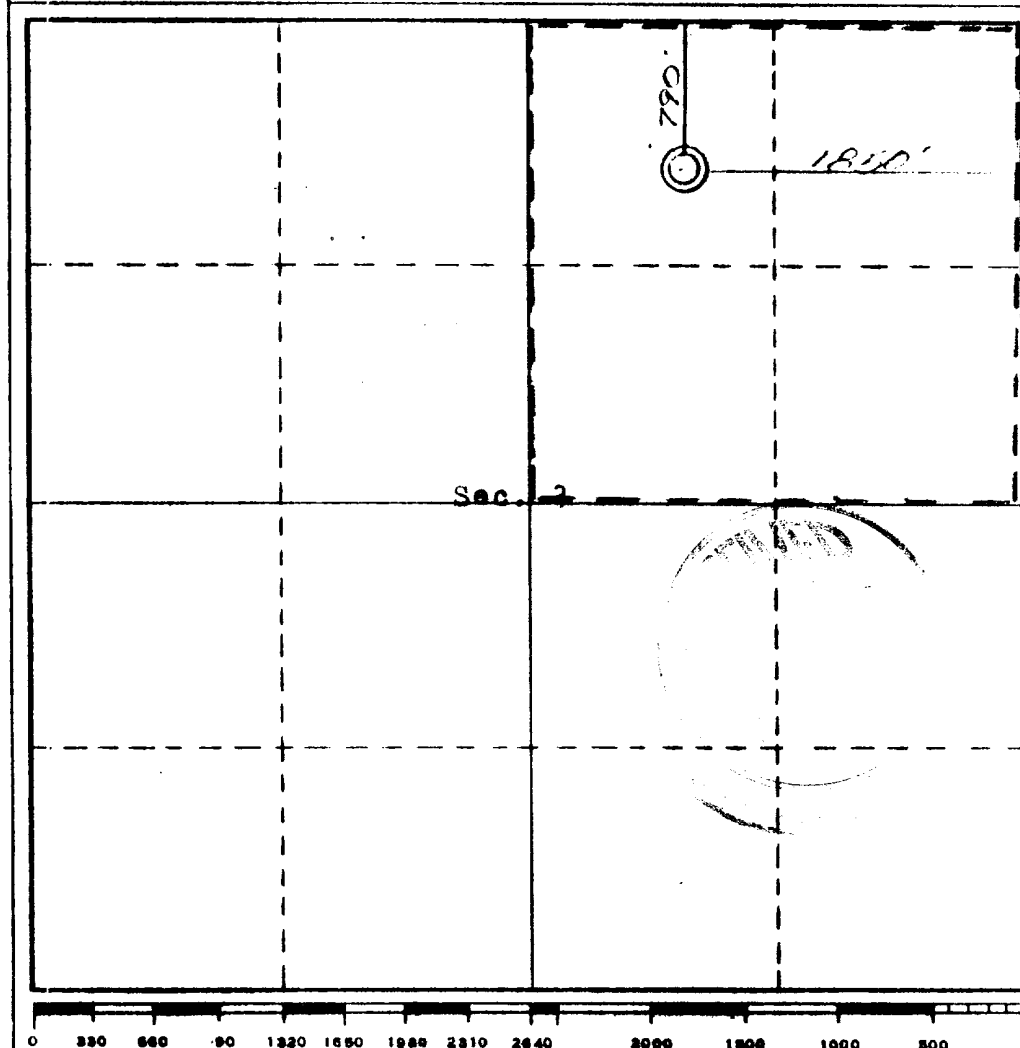
Operator <b>KENAI OIL &amp; GAS</b>			Lease <b>FEDERAL 3</b>		Well No. <b>31-8</b>
Unit Letter <b>B</b>	Section <b>3</b>	Township <b>24 NORTH</b>	Range <b>2 WEST</b>	County <b>RIO ARriba</b>	
Actual Footage Location of Well: <b>790</b> feet from the <b>NORTH</b> line and <b>1850</b> feet from the <b>EAST</b> line					
Ground Level Elev. <b>7235</b>	Producing Formation <b>Gavilan Pictured Cliffs</b>		Pool <b>S. Blanco P.C. ext Undesignated</b>	Dedicated Acreage: <b>164.88</b> Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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.

Name *[Signature]*  
Position  
Agent

Company  
**Kenai Oil & Gas Inc.**  
Date

**11-5-79**

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.

**NOV 05 1979**

Duly Surveyed  
**24 October, 1979**  
Registered Professional Engineer  
and/or Land Surveyor

**Curtis C. Stocking**  
*[Signature]*  
Certificate No.

**5900 LS**

