

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 & Gas Inc.

3. ADDRESS OF OPERATOR
2000 Energy Center One 717-17th St., Denver, Colo. 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface
1850 FSL 1840 FEL
At proposed prod. zone
Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
46 miles- Bloomfield, New Mexico

10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1840'

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. Est 1850'

16. NO. OF ACRES IN LEASE 640

17. NO. OF ACRES ASSIGNED TO THIS WELL 320

19. PROPOSED DEPTH 6500'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6983 G.L.

22. APPROX. DATE WORK WILL START*
June 15, 1980

5. LEASE DESIGNATION AND SERIAL NO.
30-045-24419
N.M. 29560

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Jeffers Federal-2

9. WELL NO.
33

10. FIELD AND POOL OR WILDCAT
Wildcat Basin

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 2, T23N, R8W

12. COUNTY OR PARISH
San Juan

13. STATE
N.M.

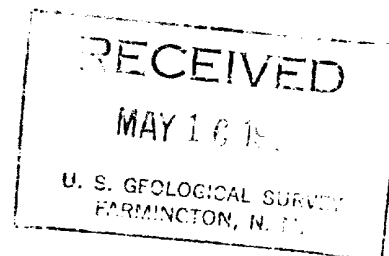
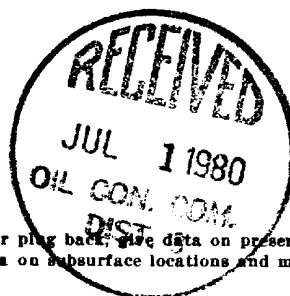
PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	550'	300 sx (Circulate)
7 7/8"	4 1/2"	10.5#	6500'	325 sx

Selectively test, perforate, and sandwater fracture to Dakota 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.

The East 1/2 of Section 2 is dedicated to this well.

The gas is not dedicated.



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 Harold W. Eledge TITLE Agent DATE May 14, 1980

(This space for Federal or State office use)

PERMIT NO. DRILLING OPERATIONS AUTHORIZED ARE SHOWN IN DATE OF APPROVAL ATTACHED

APPROVED BY Charles J. Halson TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
AS AMENDED

DATE

JUN 30 1980
JAMES F. SMAS
DISTRICT ENGINEER

*See Instructions On Reverse Side

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-102
Revised 10-1-78

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

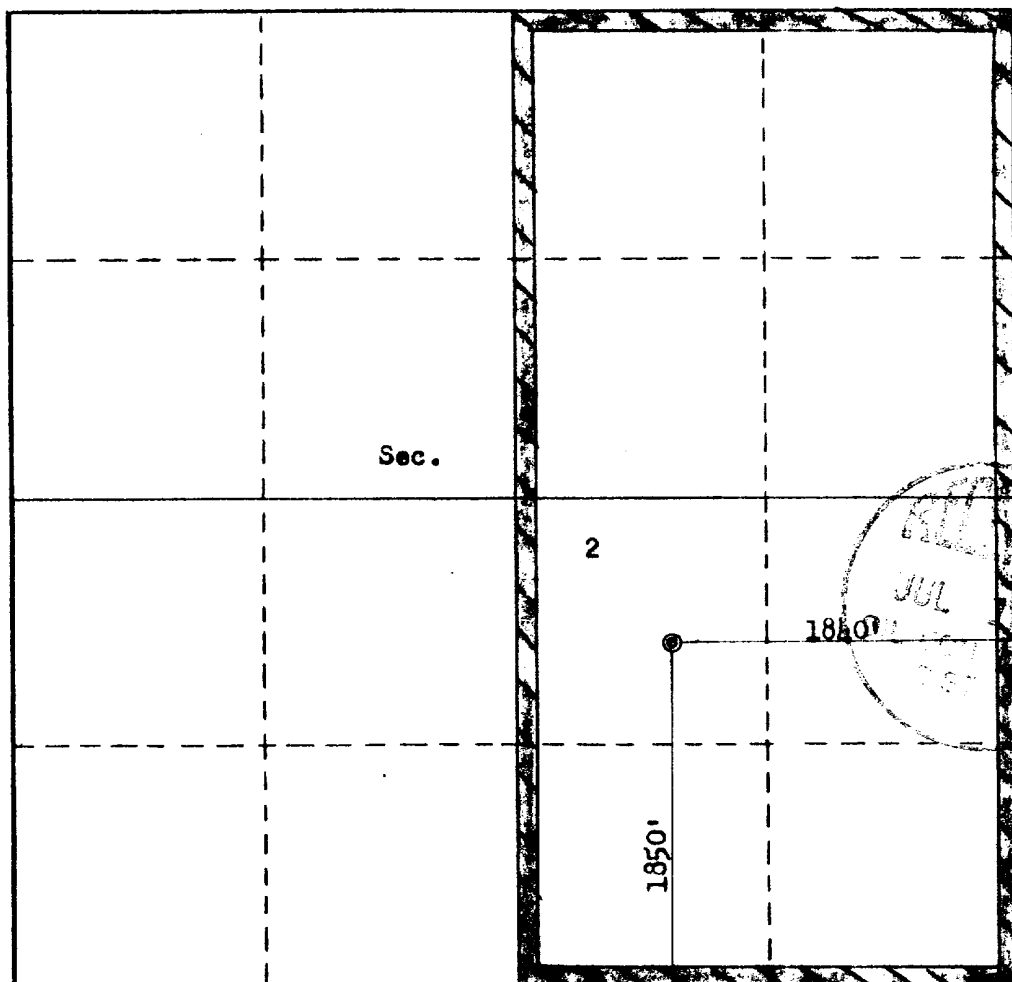
Operator KENAI OIL & GAS, INCORPORATED			Lease JEFFERS-FEDERAL 2		Well No. #33
Unit Letter J	Section 2	Township 23N	Range 8W	County San Juan	
Actual Footage Location of Well: 1850 feet from the South line and 1840 feet from the East line					
Ground Level Elev. 6983	Producing Formation Dakota		Pool Wildcat Basin		Dedicated Acreage: 320 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.



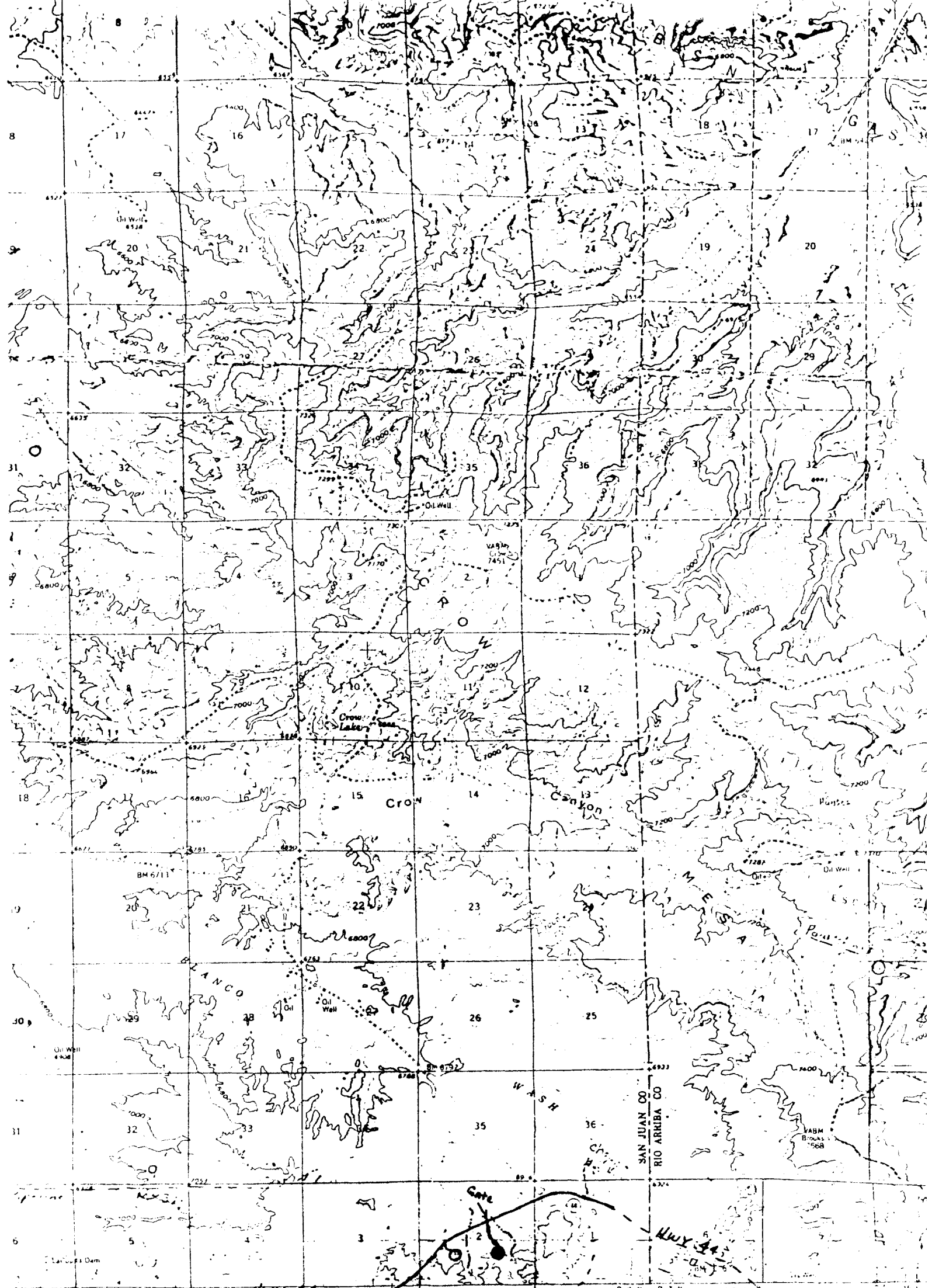
CERTIFICATION

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

Name *Joe F. Elledge*
 Position Agent
 Company Elledge Consulting & Production
 Date 5-14-80

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 April 29, 1980
 Registered Professional Engineer and/or Land Surveyor
Fred B. Kerr Jr.
 Certificate No. 3950



Geological Survey

from aerial
11959

can datum
coordinate system,

for grid box

for accuracy
coefficient data

540 000 FEET (WGS 84)

BLD FIELD ALM

SCALE 1:62,500

3000 0 3000 6000 9000 12000 15000 18000 FEET

1 2 3 4 5 KILOMETERS

CONTOUR INTERVAL 40 FEET

SAN JUAN CO
RIO ARriba CO

LYBROOK 2 MI
CUBA 18 MI

Vicinity Map for
KENAI OIL & GAS, INC. #33 JEFFERS-FEDERAL 2
1850' FSL 1840' FEL Sec 2-T23N-R8W
SAN JUAN COUNTY, NEW MEXICO

AS BOSTON 25, D.C.

FOR INFORMATION ON REQUEST