

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

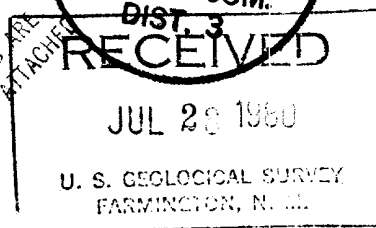
1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. N.M. 20305	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Kenai Oil & Gas Inc.		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 2000 Energy Center One, 717-17th St., Denver, Colorado 80202		8. FARM OR LEASE NAME Federal-34	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1760 FSL and 940 FEL At proposed prod. zone Same		9. WELL NO. #43	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Cuba 38 miles---Bloomfield 45 miles		10. FIELD AND POOL, OR WILDCAT Basin Wildcat-Dakota	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 940'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA S-34, T24N, R2W	
16. NO. OF ACRES IN LEASE 640' 800		12. COUNTY OR PARISH San Juan	
17. NO. OF ACRES ASSIGNED TO THIS WELL 320		13. STATE NM	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. None		19. PROPOSED DEPTH 6500'	
20. ROTARY OR CABLE TOOLS Rotary		21. APPROX. DATE WORK WILL START* 8-20-80	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6850 G.L.		22. APPROX. DATE WORK WILL START* 8-20-80	

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 the Dakota formation.
A 3000 psi WP and 6000 psi test double gate preventer equipped with 5" and pipe rams will be used for blow out prevention.

The South 1/2 of Section 34 is dedicated to this well.
The gas is not dedicated.

This is subject to administrative
appeal pursuant to 30 CFR 2901



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 J. F. [Signature] TITLE Agent DATE 7-25-80
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY [Signature] TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY

*See Instructions On Reverse Side

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

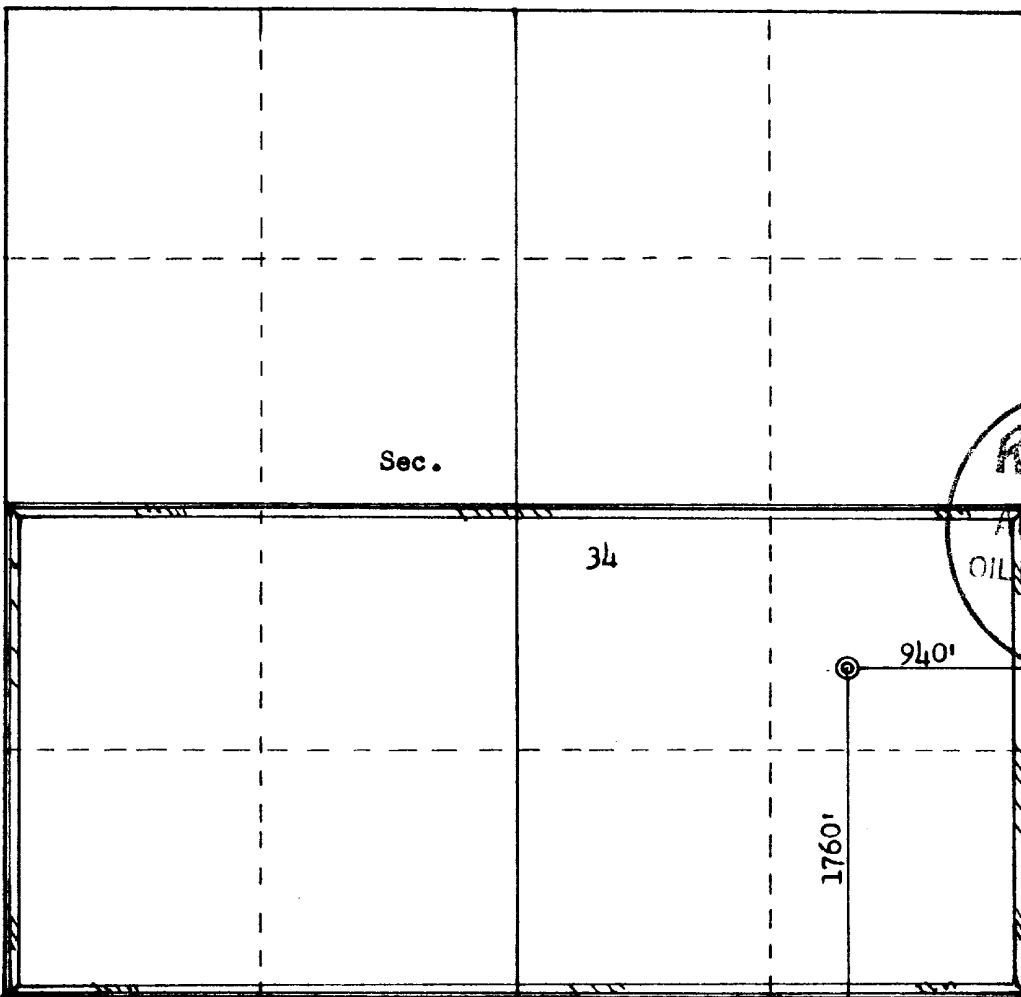
Operator KENAI OIL & GAS INCORPORATED			Lease FEDERAL 34		Well No. 43
Unit Letter I	Section 34	Township 24N	Range 8W	County San Juan	
Actual Footage Location of Well: 1760 feet from the South line and 940 feet from the East line					
Ground Level Elev. 6850	Producing Formation Dakota		Pool Wildcat Basin		Dedicated Acreage: 320 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 _____

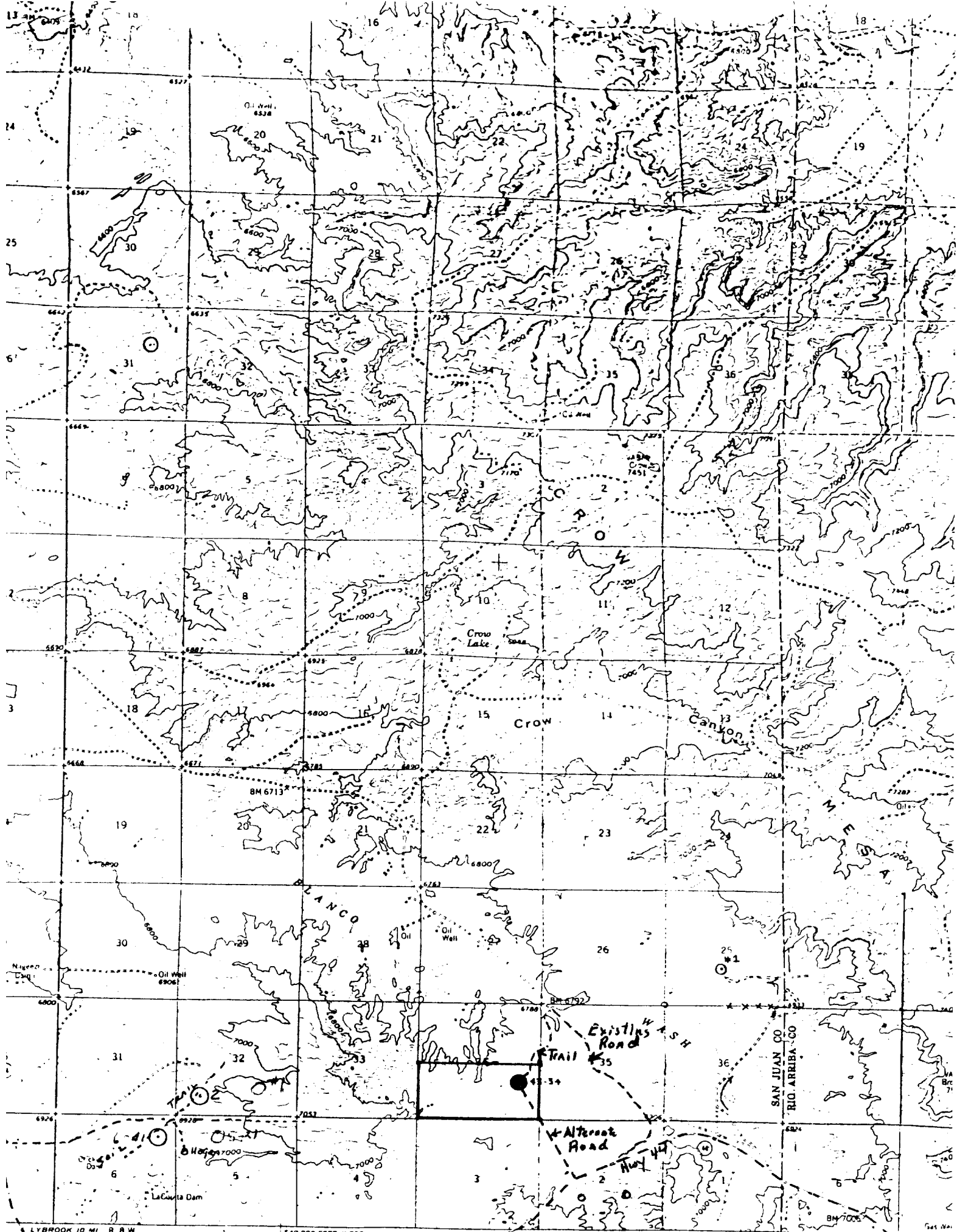
If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

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.



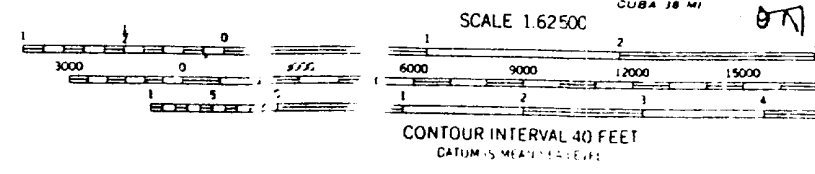
Scale: 1"=1000'

CERTIFICATION	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
Name <i>[Signature]</i>	
Position Agent	
Company Kenai Oil & Gas Inc.	
Date 7-26-80	
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 July 21, 1980	
Registered Professional Engineer and Land Surveyor <i>[Signature]</i> Fred B. Kerr Jr.	
Certificate No. 3958	



LYBROOK 10 MI R 8 W
CUBA 46 MI
and published by the Geological Survey
and USC&GS
Photogrammetric methods from aerial
in 1955 Field checked 1959
ion 1927 North American datum
based on New Mexico coordinate system.
zones
versal Transverse Mercator grid ticks
in blue
s indicate approximate locations
s omitted because of insufficient data

Vicinity Map for
KENAI OIL & GAS, INC. #43 FEDERAL 34
1760'FSL 940'FEL Sec. 34-T24N-R8W
SAN JUAN COUNTY, NEW MEXICO



THIS MAP COMPLEIES WITH NATIONAL MAPS...
ICAL SURVEY, DENVER 25, COLORADO OR WASHINGTON
NG TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST