

SUBMIT IN TRIPLICATE*

(Other instructions on
reverse side)Form approved
Budget Bureau No. 42-024UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WELL
a. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ OTHER ☐
b. TYPE OF WELL
SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. NAME OF OPERATOR
Jicarilla Energy Company

3. ADDRESS OF OPERATOR
Box 507, Dulce, New Mexico 87128

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface 2275' IN., 800' FWL
At proposed prod. zone same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
15 miles NE of Cuba, New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(Also to nearest drilg. unit line, if any) 2275'

16. NO. OF ACRES IN LEASE 160

17. NO. OF ACRES ASSIGNED TO THIS WELL 160

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 3300'

19. PROPOSED DEPTH 7100'

20. ROTARY OR CABLE TOOL 20. ROTARY OR CABLE TOOL Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
7275 GR

22. APPROX. DATE WORK WILL START*
November 15, 1983

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	300'	275 SX
7 7/8	4 1/2	10.5 & 11.6	7100'	1600 SX

We propose to drill this well to test the Dakota formation. Should it be productive a string of 4 1/2" 10.5# and 11.6# casing will be set through the pay, and selectively perforated and stimulated. The hole will be mud drilled. A double gate BOP will be utilized from 300' to TD.

There are no known drilling problems associated with this well.

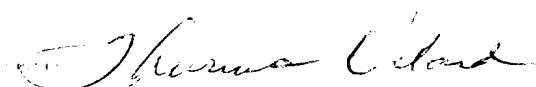
RECEIVED

OCT 20 1983

OIL CON. DIV.
DIST. 3

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 prevention program, if any.

24



Field Supervisor, Federal or State office (print)

DATE 10-6-83

APPROVED
AS AMENDED

PREPARED BY

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL (if any)

OCT 18 1983

M. MILLENBACH

AREA MANAGER

*See Instructions On Reverse Side

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

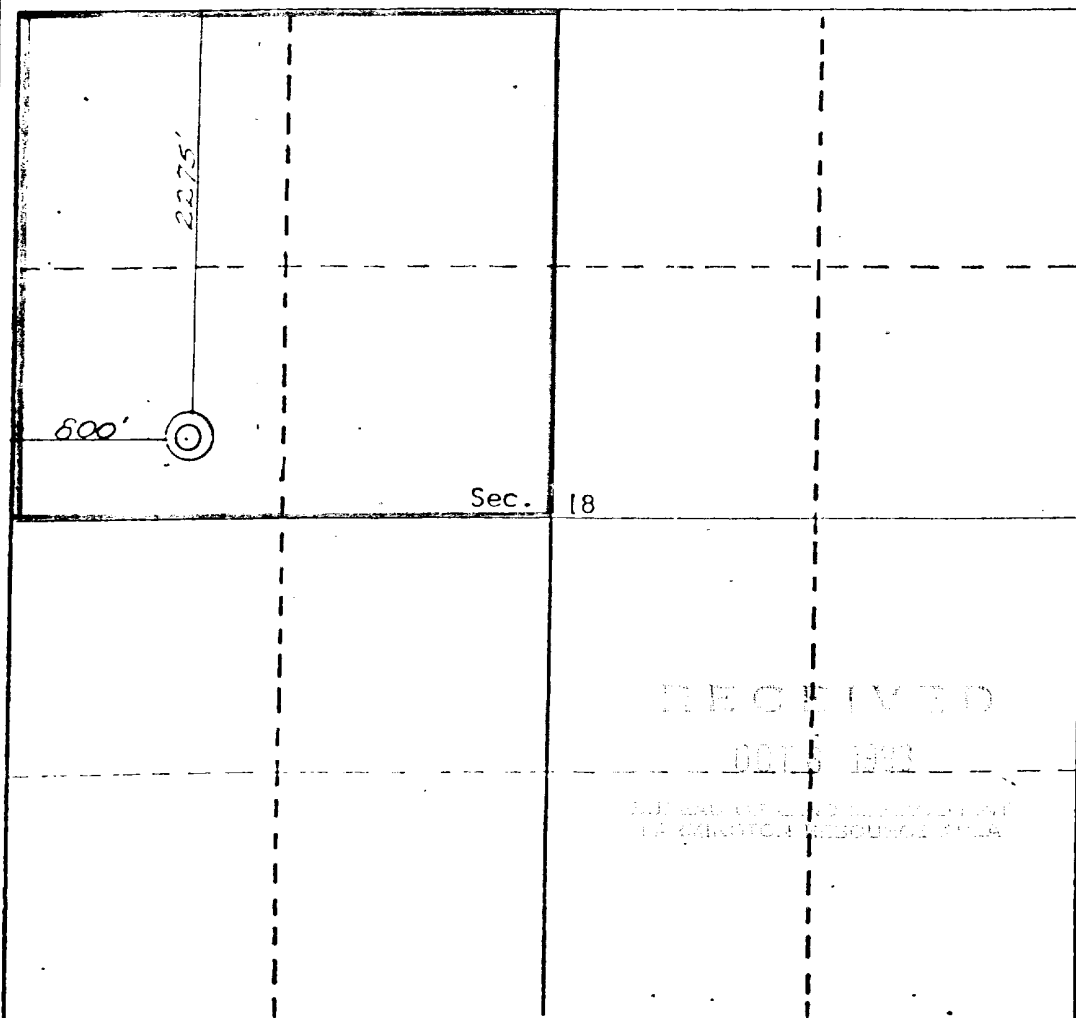
Operator JICARILLA ENERGY COMPANY			Lease JECO 83-A		Well No. 3
Unit Letter E	Section 18	Township 22 NORTH	Range 2 WEST	County SANDOVAL	
Actual Postage Location of Well: 2275 feet from the NORTH line and 800 feet from the WEST line					
Ground Level Elev. 7275	Producing Formation		Pool	Dedicated Acreage: Acre	

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.

Name
Harold W. Elledge

Position
PRESIDENT

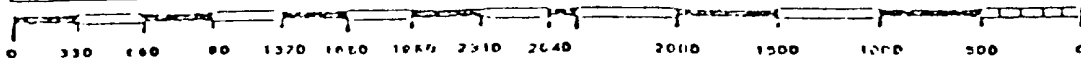
Company
ELLEDGE CONSULTING

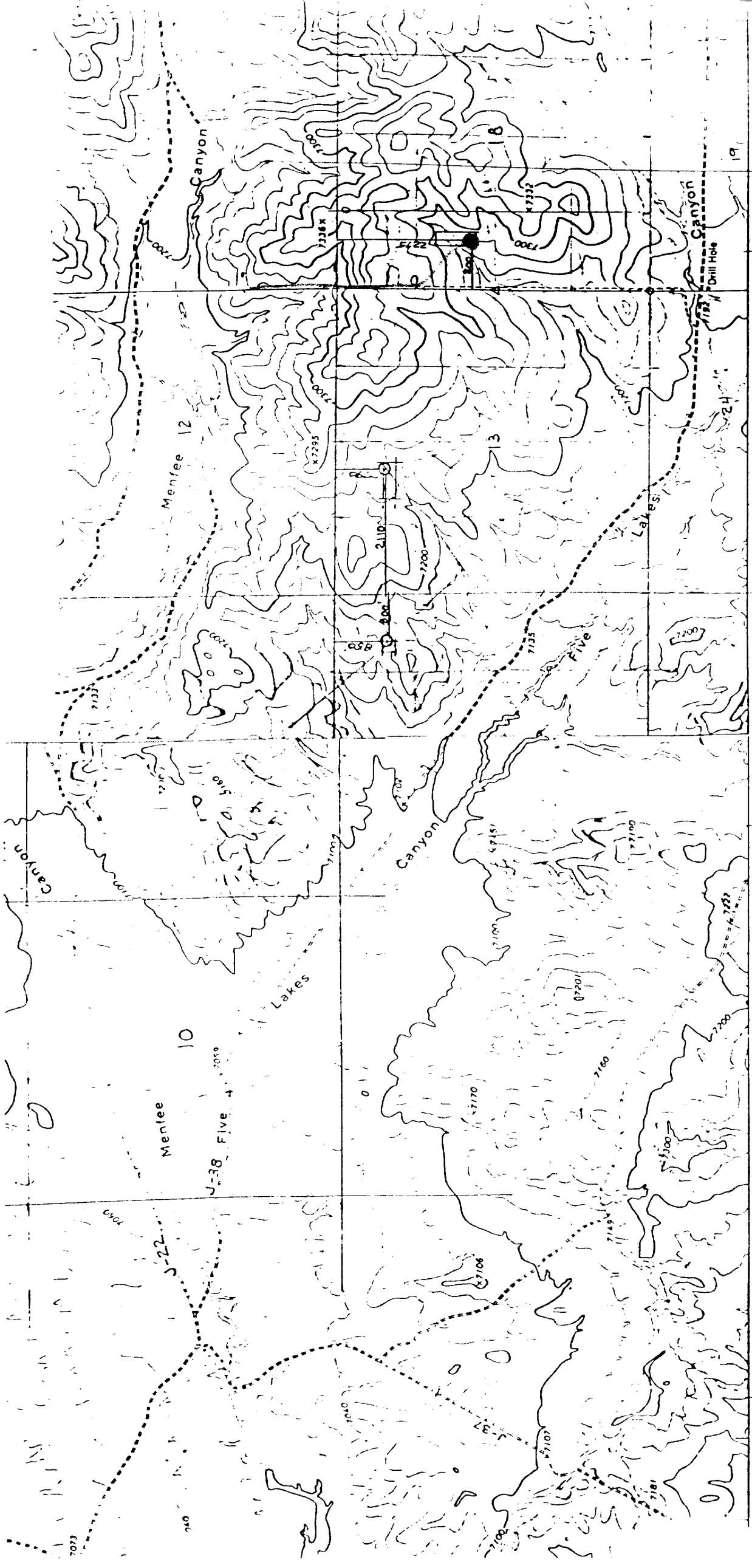
Date
10-5-83

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.

REGISTERED LAND SURVEYOR
3 October 1983
Date Surveyed
Curly C. Stocking
Registered Professional Engineer
and/or Land Surveyor
Curly C. Stocking
C. STOCKING

Certificate No.
5980





1 MILE
0 FEET
ER

ROAD CLASSIFICATION
Heavy-duty
Light-duty
Unimproved dirt
State Route
New Road



Mapped, edited, and published by the Geological
Control by USGS and USC&GS
Topography by photogrammetric methods from aerial
photographs taken 1963 Field checked 1963
Polyconic projection 1927 North American datum
10 000 foot grid based on New Mexico coordinate system, 1000 meter Universal Transverse Mercator projections
zone 13 shown in blue
Where omitted and lines have not been established

VICINITY MAP
showing
Well Location in 1/4 1/4 of Sec. 2
T22 N, R2W, N.M.P.M., Sandoval County
New Mexico.
Scale: 1"=2000'

V