

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30 043-20611

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

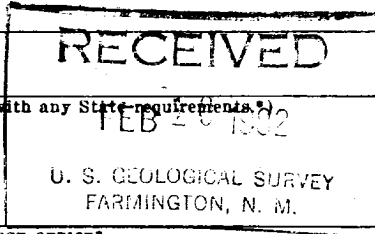
1a. TYPE OF WORK
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

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

2. NAME OF OPERATOR
Northwest Exploration Company

3. ADDRESS OF OPERATOR
P.O. Box 90, Farmington, N.M. 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface 1070 FNL & 830 FEL (NE NE)
At proposed prod. zone Same



14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Location is 14 miles South of Counselors, N.M.

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 830'

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

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6898' GR

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"	24.0#	100'	83 cu.ft
7-7/8"	4-1/2"	10.5#	1805'	700 cu.ft

5. LEASE DESIGNATION AND SERIAL NO.
USA NM 34582
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Natani
9. WELL NO.
#16
10. FIELD AND POOL, OR WILDCAT
Undesignated Chacra
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
A Sec 10, T21N, R6W
12. COUNTY OR PARISH
Sandoval
13. STATE
N.M.

16. NO. OF ACRES IN LEASE
160

17. NO. OF ACRES ASSIGNED TO THIS WELL
160

20. ROTARY OR CABLE TOOLS
Rotary

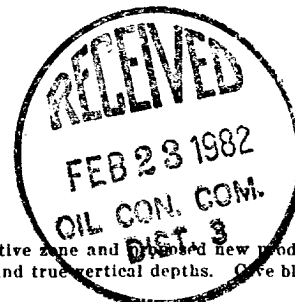
22. APPROX. DATE WORK WILL START*
June 1982

Selectively perforate and stimulate the Chacra formation. Completion plans will be determined at Total Depth.

A BOP will be installed after the surface casing is set and cemented. All subsequent work will be conducted through the BOP's.

The Northeast quarter of Section 10 is dedicated to this well.

Gas is 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. Core blowout preventer program, if any.

24. SIGNED Paul C. Thompson TITLE Drilling Engineer DATE Jan 25, 1982
(This space for Federal or State office use)

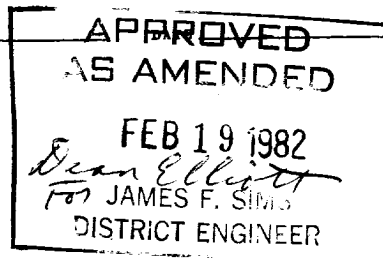
PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY JAE TITLE _____
CONDITIONS OF APPROVAL, IF ANY:

PCT:djb

*See Instructions On Reverse Side

NMOCC



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

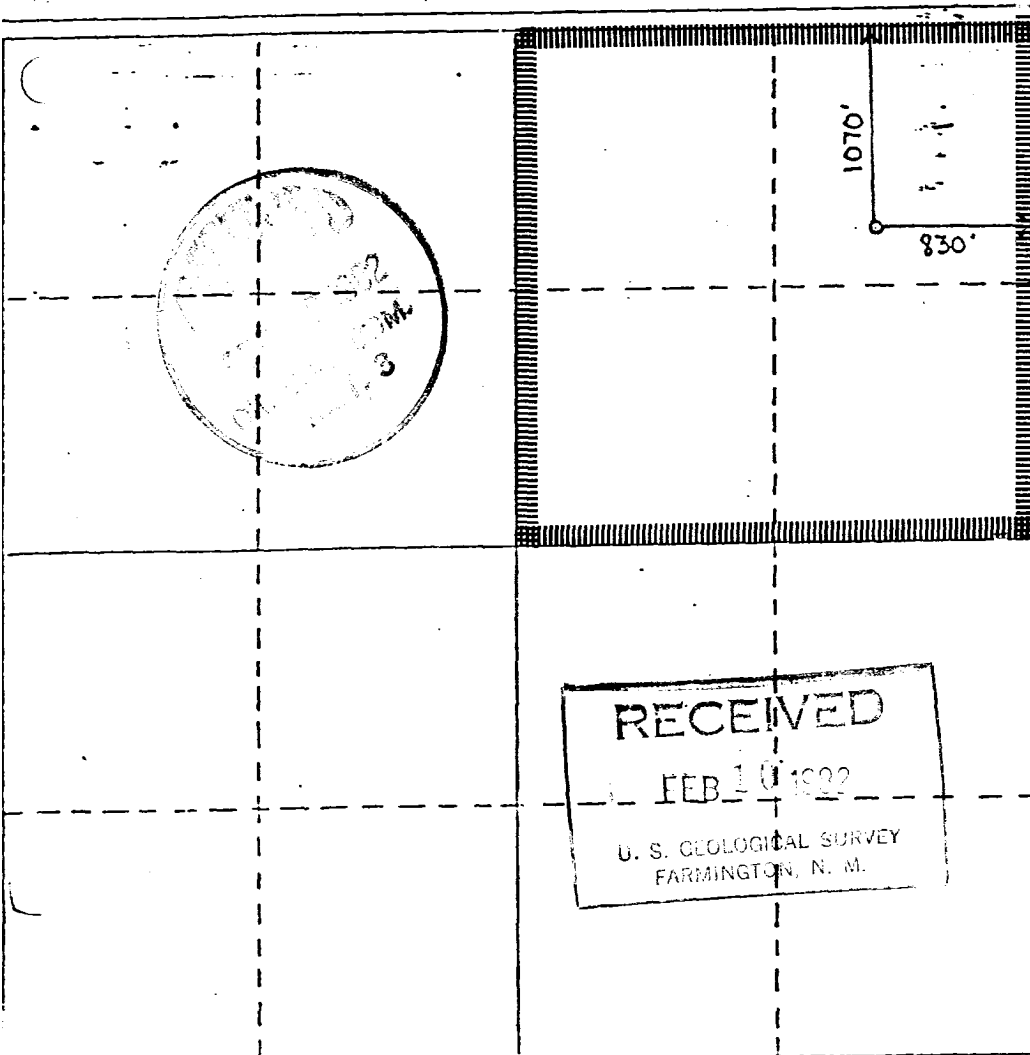
Northwest Exploration Company		Lease USA NM 34582		Well No. Natani #16
Intt Letter A	Section 10	Township 21 North	Range 6 West	County Sandoval
Actual Postage Location of Well:				
1070 feet from the North		830 feet from the East		Line
Ground Level Elev. 6898'	Producing Formation Chacra	Pool Undesignated	Dedicated Acreage: 160 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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.

Paul C. Thompson
Name

Paul C. Thompson
Position

Drilling Engineer
Company

Northwest Exploration Co
Date

January 25, 1982

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

Geological Professional Engineer
and/or Land Surveyor

Certificate No.

6844

EXHIBIT "E₁"

Detail of Access Roads

1. Location: Northwest Expl. Co.
Natani #16
NE NE Sec. 10 T21N R6W
1070' FNL & 830' FEL
Sandoval County, New Mexico
- Color Coding
Dirt Road
Pipeline
Road
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