

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-043-20612

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

2. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒OTHER ☐SINGLE
ZONE ☒MULTIPLE
ZONE ☐

3. NAME OF OPERATOR

Northwest Exploration Company

4. ADDRESS OF OPERATOR

P.O. Box 90, Farmington, N.M. 87401

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface 1520 FNL & 1850 FEL (SW NE)

At proposed prod. zone

Same

6. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST

Location is 13.1 miles Southwest of Counselors, New Mexico

7. DISTANCE FROM PROPOSED*

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

1520'

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

9. NO. OF ACRES IN LEASE

160

10. PROPOSED DEPTH

1930

11. NO. OF ACRES ASSIGNED
TO THIS WELL

160

12. ROTARY OR CABLE TOOLS

Rotary

13. ELEVATIONS (Show whether DF, RT, GR, etc.)

7046' GR

14. APPROX. DATE WORK WILL START*

June 1982

15. PROPOSED CASING AND CEMENTING PROGRAM

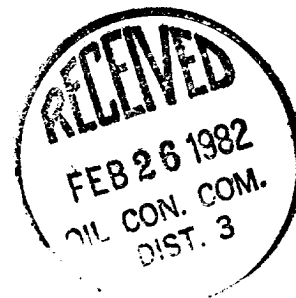
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24.0#	100'	83 cu.ft
7-7/8"	4-1/2"	10.5#	1930'	750 cu.ft

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 13 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. Give blowout preventer program, if any.

24.

SIGNED

Paul C. Thompson
Paul C. Thompson

TITLE Drilling Engineer

DATE

1/23/82

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

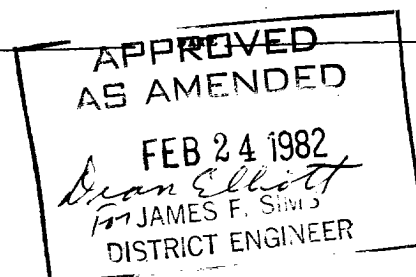
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

PCT:djb

oh 7

NMOCC



NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Location & Elevation
Plat

Form C-102
Revised 6-1-78
Effective 1-1-78

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

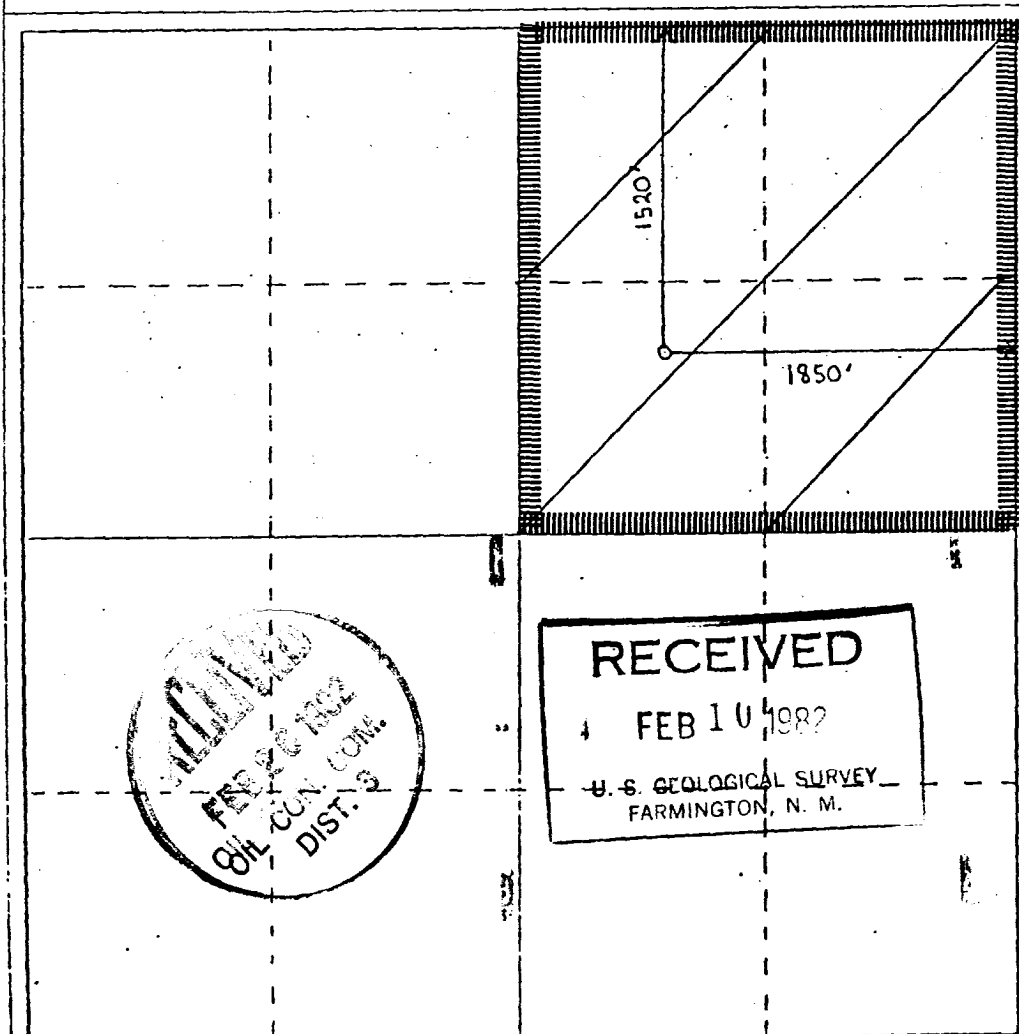
Operator Northwest Exploration Co.		Lease N00-C-14-20-5763		Well No. Natani #6
Unit Letter G	Section 13	Township 21 North	Range 6 West	County Sandoval
Actual Footage Location of Well:				
1520 feet from the North line and		1850 feet from the East line		
Ground Level Elev. 7046'	Producing Formation Chacra	Pool Undesignated	Chacra	Dedicated Acreage: 160 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.



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

1-22-82

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

12 Nov. 81

Registered Professional Engineer and/or Land Surveyor

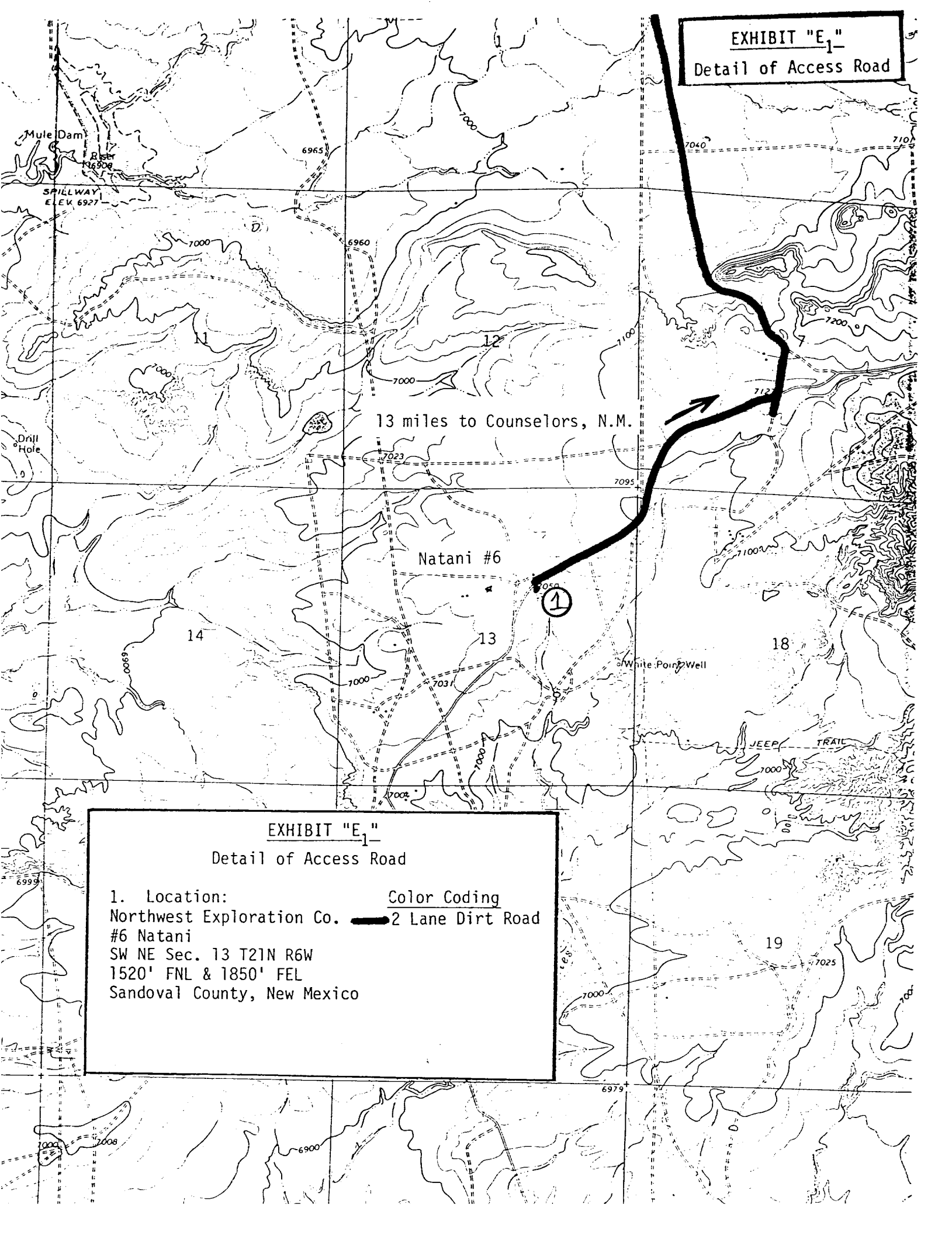
Ernest H. Huddleston

Certificate No.

6844

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600 6930 7260 7590 7920 8250 8580 8910 9240 9570 9900 10230 10560 10890 11220 11550 11880 12210 12540 12870 13200 13530 13860 14190 14520 14850 15180 15510 15840 16170 16500 16830 17160 17490 17820 18150 18480 18810 19140 19470 19800 20130 20460 20790 21120 21450 21780 22110 22440 22770 23100 23430 23760 24090 24420 24750 25080 25410 25740 26070 26400 26730 27060 27390 27720 28050 28380 28710 29040 29370 29700 30030 30360 30690 31020 31350 31680 32010 32340 32670 33000 33330 33660 33990 34320 34650 34980 35310 35640 35970 36300 36630 36960 37290 37620 37950 38280 38610 38940 39270 39600 39930 40260 40590 40920 41250 41580 41910 42240 42570 42900 43230 43560 43890 44220 44550 44880 45210 45540 45870 46200 46530 46860 47190 47520 47850 48180 48510 48840 49170 49500 49830 50160 50490 50820 51150 51480 51810 52140 52470 52800 53130 53460 53790 54120 54450 54780 55110 55440 55770 56100 56430 56760 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EXHIBIT "E₁"
Detail of Access Road



13 miles to Counselors, N.M.

Natani #6

White Point Well

JEEP TRAIL

EXHIBIT "E₁"

Detail of Access Road

1. Location: Northwest Exploration Co. Color Coding
#6 Natani **—** 2 Lane Dirt Road
SW NE Sec. 13 T21N R6W
1520' FNL & 1850' FEL
Sandoval County, New Mexico