

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-031-20380

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

Northern Minerals, Inc.,

3. ADDRESS OF OPERATOR

P. O. Box 2182, Santa Fe, New Mexico 87501

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

At surface

2525' FSL and 380' FEL of Section

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

16 miles east of Hospah, New Mexico

15. DISTANCE FROM PROPOSED*

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

380'

16. NO. OF ACRES IN LEASE

280

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

None

19. PROPOSED DEPTH

3800'

20. ROTARY OR CABLE TOOLS

Rotary

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

6365' G. L.

22. APPROX. DATE WORK WILL START*

Upon Approval

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9-7/8"	7"	20 lb.	300'	Suff. to Circulate
6-3/4"	4 1/2"	9 lb.	3800'	Suff. to cover 500' above Hospah sand.

This well will be a 3800' Entrada sand wildcat well. 5" hole will be drilled to total depth, logged and, if commercial production of oil or gas is indicated, hole will be reamed out to 6-3/4", casing will be run to total depth, perforated and treated as necessary to establish commercial production.

The New Mexico Oil Conservation Commission, because of topographical considerations, has granted an exception to the well location requirements permitting the drilling of the well at the location stated above.

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

Lloyd Dauter

TITLE

President

DATE

10-29-73

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

Held C-104 for NSL

*See Instructions On Reverse Side

OCT 31 1973

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

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

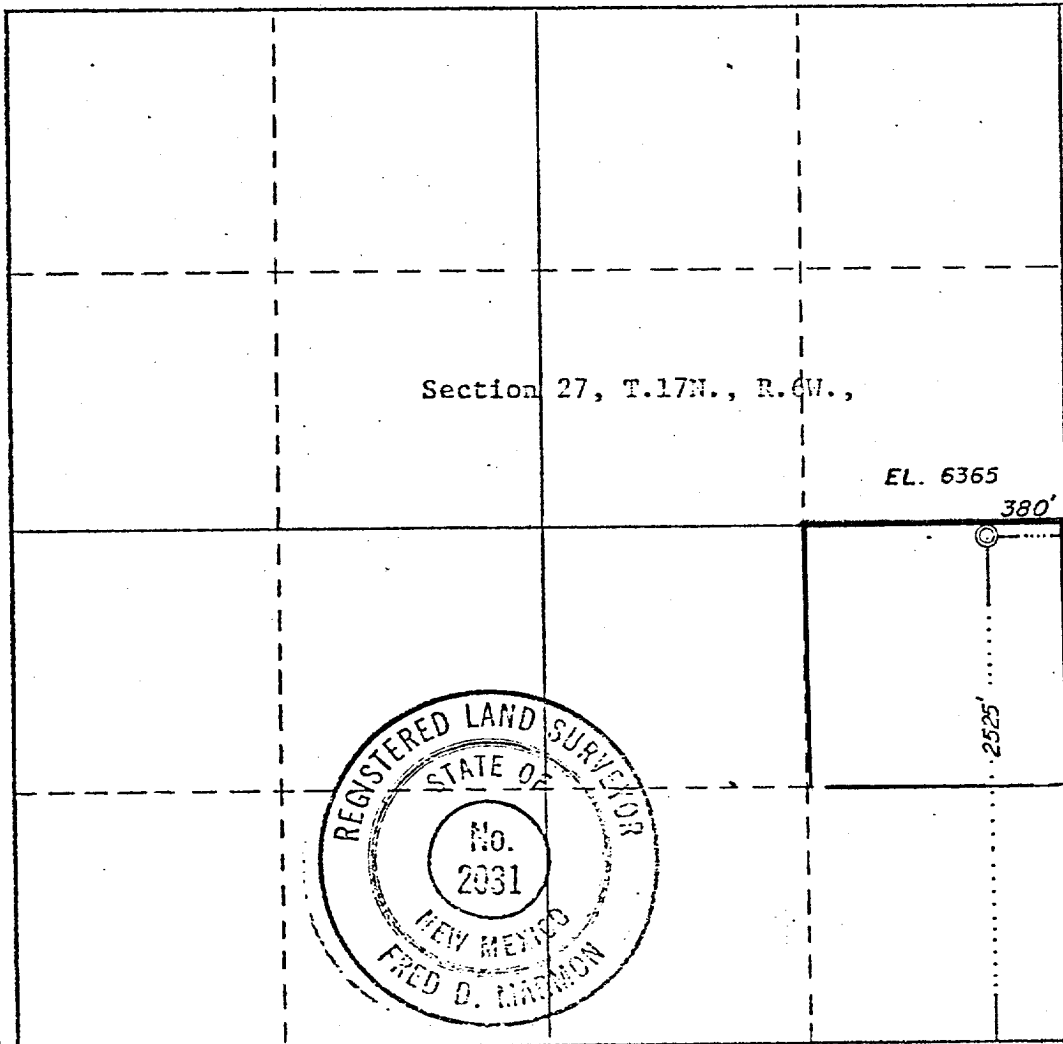
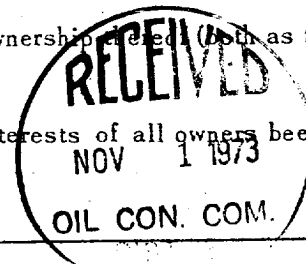
Operator Northern Minerals, Inc.		Lease Chico		Well No. 1	
Unit Letter I	Section 27	Township 17 North	Range 6 West	County McKinley	
Actual Footage Location of Well:					
2525 feet from the South line and		380 feet from the East line			
Ground Level Elev. 6365	Producing Formation Wildcat	Pool	Dedicated Acreage: 40 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 (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.

Lloyd Davidson

Name
Lloyd Davidson

Position
President

Company
Northern Minerals, Inc.

Date
10-29-73

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
October 16, 1973

Registered Professional Engineer and/or Land Surveyor

Fred D. Marshon

Certificate No.

2031

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0