

Northern Minerals, Inc.

TELEPHONE (505) 983-9689

LLOYD DAVIDSON
President



P. O. Box 2182
SANTA FE, NEW MEXICO 87501

January 20, 1975

Re: Order No. R-4875
Northern Minerals, Inc. Gallup
Waterflood Project

Secretary-Director
Oil Conservation Commission
State of New Mexico
P. O. Box 2088
Santa Fe, New Mexico 87501

NSL - 700
Feb
Due Jan 12
104 F

Dear Sir:

Northern Minerals, Inc., requests immediate approval to drill its SFPRR No. 17 well, as an oil well, at the location 2930' FNL and 1650' FEL, Section 29, T16N-R6W, McKinley County, New Mexico. This is in the Miguel Creek - Gallup field.

This location falls 40' North of a regular location which would be 2970' FNL. (The North and East lines of Section 29 are used in fixing locations since these lines are certain whereas the South and West lines of this Section are uncertain because of conflicting surveys.)

Northern Minerals' geologist believes that a well at the requested location would make a better producer than if it were located at the regular location. Also, the topography at the requested location is more suitable.

Attached you will find forms 101 and 102 and plat showing the location of the proposed well and all wells in the project area. There are no offset operators or wells. Northern Minerals has lease on all of section 29. The locations of present wells by metes and bounds are as follows:

- No. 6-Y. Water Injection Well, 2013' FNL and 2003' FEL, Section 29.
- No. 7. Producing Oil Well, 1650' FEL and 2310' FNL, Section 29.
- No. 8. Water Injection Well, 2310' FNL and 2310' FEL, Section 29.
- No. 11. Producing Oil Well, 1650' FNL and 1650' FEL, Section 29.
- No. 15. Oil Well, 2405' FNL and 2805' FEL, Section 29.
- Water Supply Well. 1980' FEL and 1830' FNL, Section 29.

Also attached is a schematic drawing of the proposed No. 17 well showing casing and tubing and depth. The well will be completed from open hole.

(2)

There are no gas or water bearing strata above the Gallup pay zone.

If additional information is needed, please advise.

Very truly yours,

Northern Minerals, Inc.

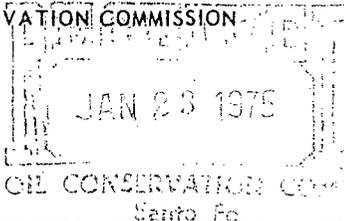
By: Lloyd Davidson
Lloyd Davidson, President



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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65



5A. Indicate Type of Lease
STATE FEE

5. State Oil & Gas Lease No.

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"/>		7. Unit Agreement Name	
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name SFPRR Co.	
2. Name of Operator Northern Minerals, Inc.		9. Well No. 17	
3. Address of Operator P. O. Box 2182, Santa Fe, New Mexico 87501		10. Field and Pool, or Wildcat Miguel Creek- Gallup	
4. Location of Well UNIT LETTER <u>J</u> LOCATED <u>2930</u> FEET FROM THE <u>North</u> LINE <u>1650</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>29</u> TWP. <u>16N</u> RGE. <u>6W</u> NMPM		12. County McKinley	
21. Elevations (Show whether DF, RT, etc.) 6493' G. L.		19. Proposed Depth 800'	19A. Formation Hospah
21A. Kind & Status Plug. Bond Statewide	21B. Drilling Contractor Four Corners	20. Rotary or C.T. Rotary	
22. Approx. Date Work will start Upon Approval			

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
6 1/4"	4-3/4"	16#	800'	Suff. to Circulate	



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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed Lloyd Davidson Title President Date 1-9-75

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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.

JAN 23 1975

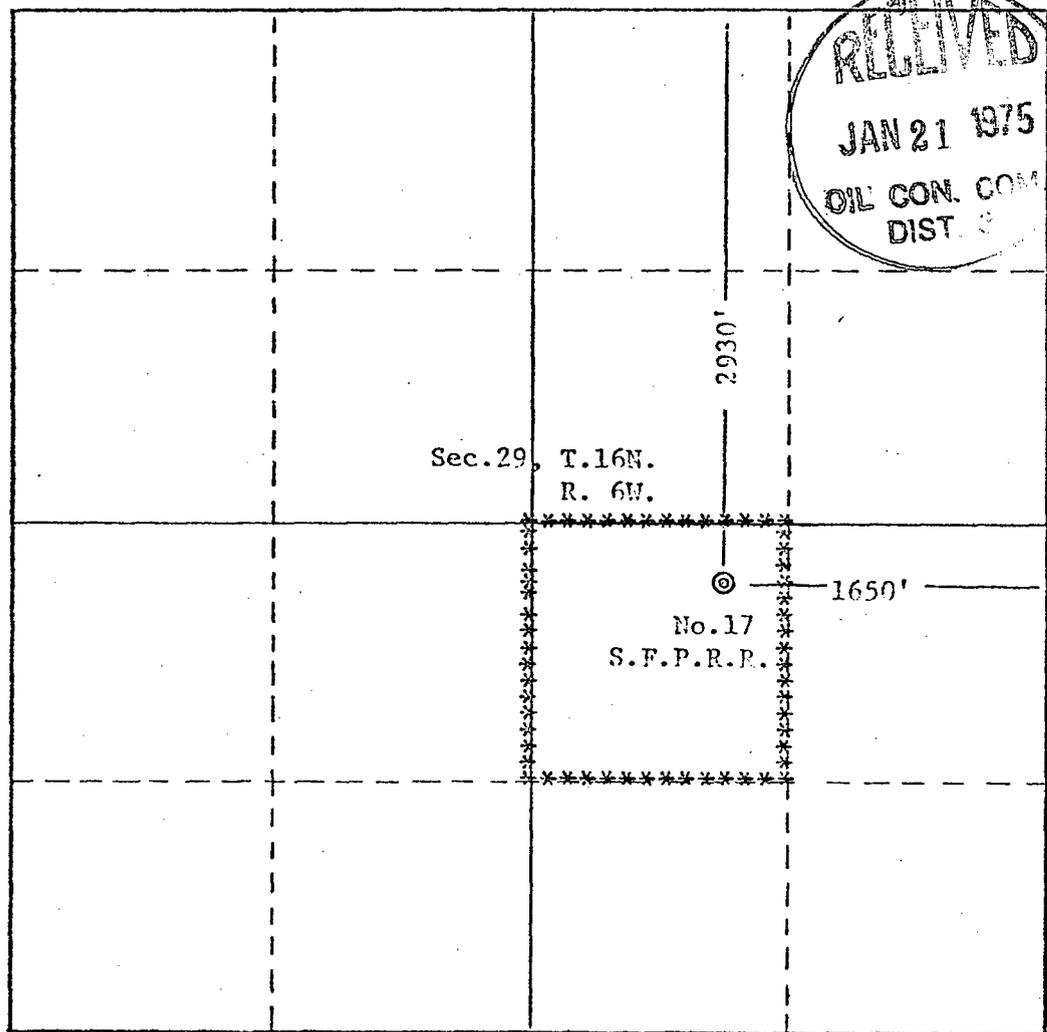
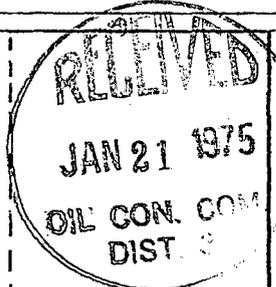
Operator NORTHERN MINERALS INC.		Lease SFPRR Co.			Well No. 17
Unit Letter J	Section 29	Township 16 North	Range 6 West	County McKinley	
Actual Footage Location of Well: 2930 feet from the north line and 1650 feet from the east line					
Ground Level Elev. 6493	Producing Formation Hospah		Pool Miguel Creek - Gallup		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 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.

Lloyd Davidson

Name
Lloyd Davidson

Position
President

Company
Northern Minerals,

Date
1-8-75

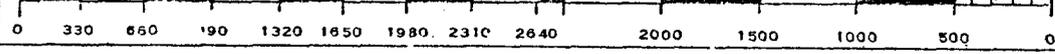
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

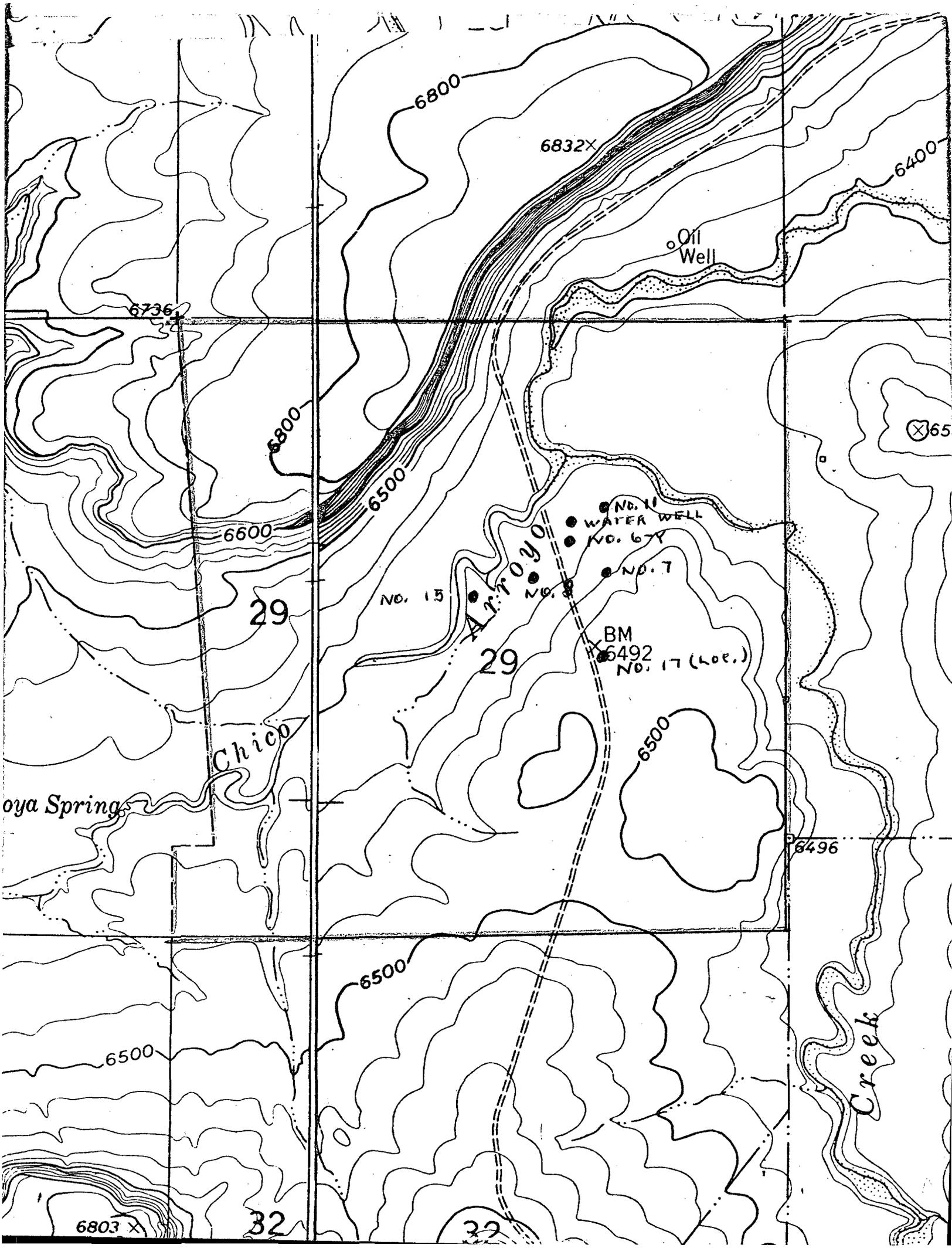
Date Surveyed
October 29, 1974

Registered Professional Engineer and/or Land Surveyor

Fred S. Williamson

Certificate No.
2031





NORTHERN MINERALS, INC
SANTA FE - PACIFIC NO. 17

