

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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"/>		5. LEASE DESIGNATION AND SERIAL NO. N.M. 43758	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Northwest Exploration Company		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P.O. Box 90, Farmington, N.M. 87401		8. FARM OR LEASE NAME Gavilan	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 930 FNL & 910 FEL Sec 26, T25N, R2W At proposed prod. zone Same as above		9. WELL NO. #1	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 7 Miles, North of Lindrith, New Mexico		10. FIELD AND POOL, OR WILDCAT Basin Dakota	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 910'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA A Sec 26, T25N, R2W	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1000'		12. COUNTY OR PARISH Rio Arriba	
16. NO. OF ACRES IN LEASE FN/ANCON, N.M.		13. STATE N.M.	
19. PROPOSED DEPTH 8195'		17. NO. OF ACRES ASSIGNED TO THIS WELL N 320	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7454' GR		20. ROTARY OR CABLE TOOLS Rotary	
22. APPROX. DATE WORK WILL START* Dec 15, 1981			

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-3/4"	9-5/8"	32.3#	450'	280 cu.ft
7-7/8"	4-1/2"	11.6# & 10.5#	8195'	1825 cu.ft

Selectively perforate and stimulate the Dakota 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 North half of Section 26 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 TITLE Drilling Engineer DATE 11-4-81
Paul C. Thompson
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
RAYMOND W. VINYARD
ACTING DISTRICT SUPERVISOR
APPROVED BY (Orig. Sgd.) RAYMOND W. VINYARD TITLE _____ DATE DEC 04 1981
CONDITIONS OF APPROVAL, IF ANY: _____

*See Instructions On Reverse Side

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-102
Revised 10-1-78

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

Operator Northwest Exploration			Lease NM 43758		Gavilan	Well No. #1 Barman
Unit Letter A	Section 26	Township 25 North	Range 2 West	County Rio Arriba		
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> 930 feet from the North line and 910 feet from the East line </div>						
Ground Level Elev. 7454' G.L.	Producing Formation Pictured Bluffs Dakota		Pool South Blanco Basin		Dedicated Acreage: 1/320 Acres	

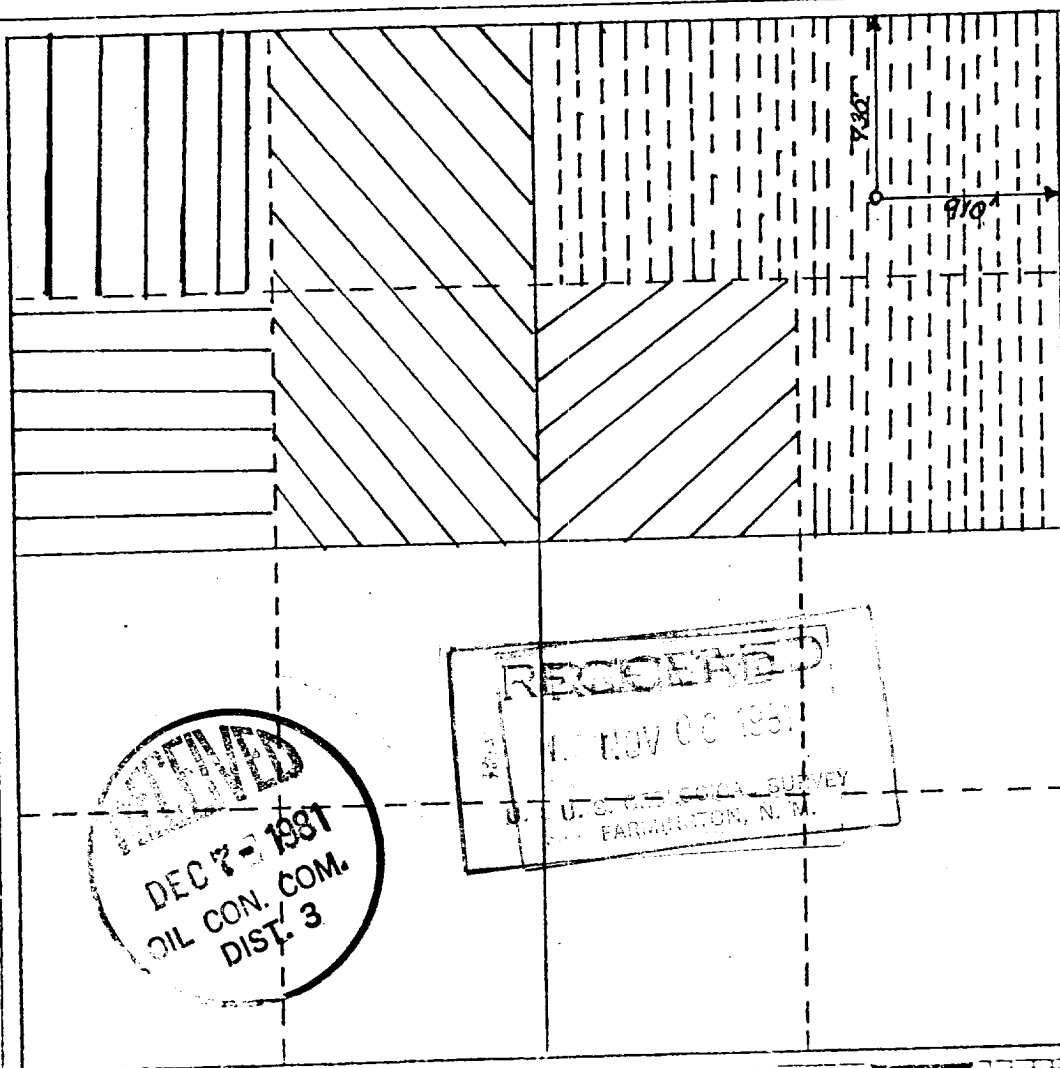
1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.

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). Portions of the following Northwest Exploration Co. held leases are involved: NM 43758 N 1/2 NE 1/4; SE NE; SF 079333 SW NE; NM 01385; Gulf Expl. held lease: SF 079332 NW NW. SW NW Northwest-held State lease.
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 All interests will be communitized prior to production, if the well is a producer.

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.

George Lapaseotes
Name **George Lapaseotes,**
President, Powers Elevation

Position
Agent Consultant for

Company
Northwest Exploration Company

Date
September 10, 1981

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
Donald E. Mudd
Registered Professional Engineer
and/or Land Surveyor

6844

Certificate No.

DETAIL Access Roads to Location

Location

1. Northwest Exploration Company
#1 Gavilan
NE NE Sec. 26 T25N R2W
930' FNL & 910' FEL
Rio Arriba County, New Mexico

Color Coding

- Gravel Road
- Pipeline Road

