

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

Jerome P. McHugh

3. ADDRESS OF OPERATOR

P O Box 208, Farmington, NM 87401

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

At surface

1100' FSL - 300' FWL

At proposed prod. zone

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

11 miles east of Blanco, NM

15. DISTANCE FROM PROPOSED*

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

800'

16. NO. OF ACRES IN LEASE

640

18. DISTANCE FROM PROPOSED LOCATION*

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

600'

19. PROPOSED DEPTH

7489'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

Rotary

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

6340' GR

22. APPROX. DATE WORK WILL START*

April 1, 1981

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	32.3#	200'	150 cu. ft.
8-3/4"	7"	23#	3130'	650 cu. ft.
6-1/4"	4-1/2"	10.5#	7489'	600 cu. ft.

Plan to spud a 12-1/4" hole and drill w/ mud to 200', set 9-5/8" surface csg. and cement to surface. Will then drill an 8-3/4" hole w/ mud to a depth of 3130', set 7" csg. and cement to surface. A 6-1/4" hole well be drilled w/ gas to TD of 7489'; 4 1/2" csg. will be set and cemented w/ 600 cu.ft. of cement.

The Dakota formation will then be selectively perforated, fraced, cleaned up after frac, well completed and tbq. run.

GAS 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

Jerome P. McHugh Jr.

TITLE

Agent

DATE

2-20-81

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

ch 3-

*See Instructions On Reverse Side

APPROVED
AS AMENDEDMAR 10 1981
James F. Sims
DISTRICT ENGINEER

OIL CONSERVATION DIVISION

P. O. BOX 2088

Form C-102
Revised 10-1-78STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

SANTA FE, NEW MEXICO 87501

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

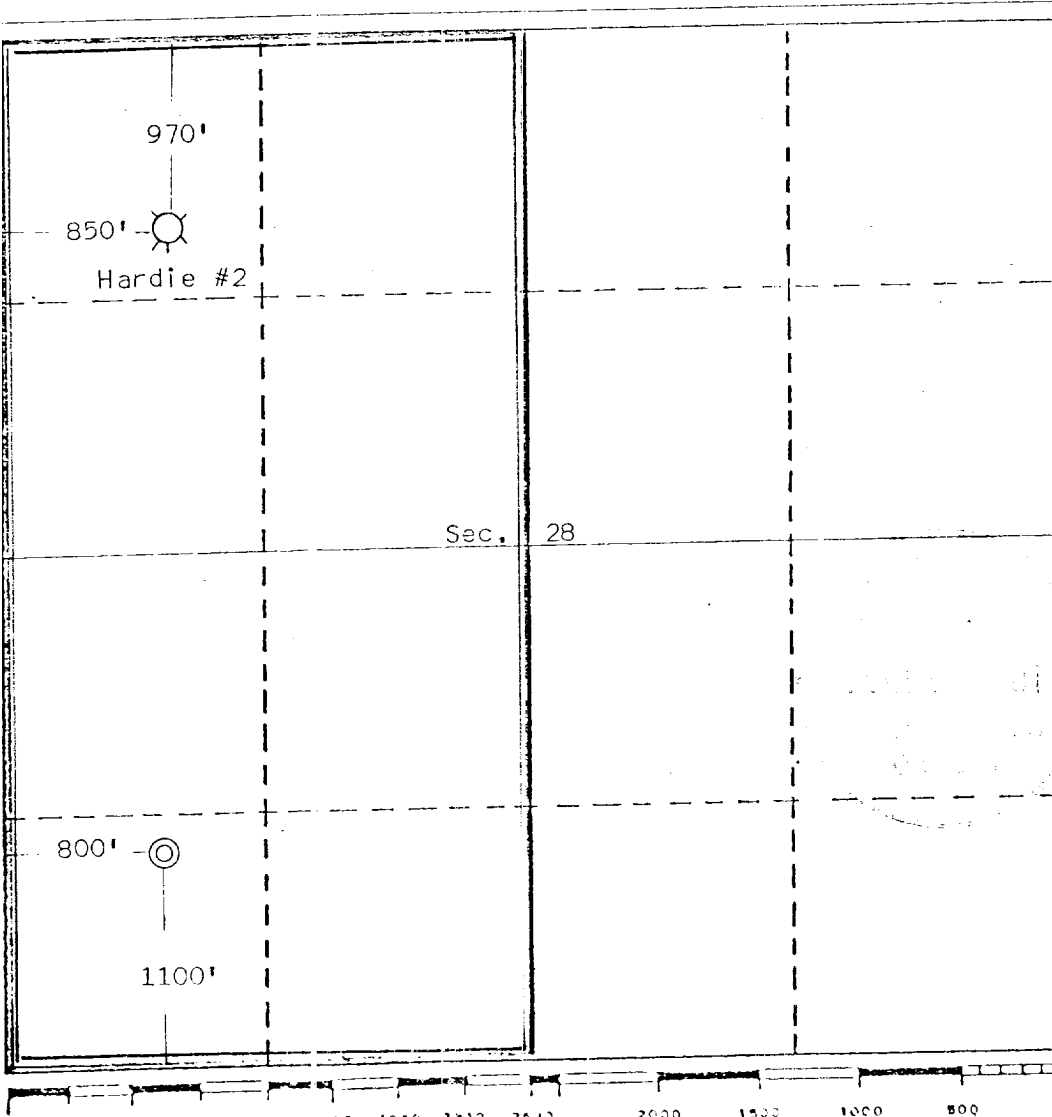
Operator Jerome P. McHugh		Lease Hardie			Well No. 2-E		
Unit Letter M	Section 28	Township 29 North	Range 8 West	County San Juan			
Actual Footage Location of Well:							
1100	feet from the	South	line and	800	feet from the	West	line
Ground Level Elev. 6340	Producing Formation Dakota		Pool Basin Dakota		Dedicated Acreage: 320		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 Division.



CERTIFICATION

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

Name

Jerome P. McHugh Jr.

Position

Agent

Company

Dugan Production Corp.

Date

2-20-81

I hereby certify that the 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

February 3, 1981

Registered Professional Engineer
and/or Land SurveyorEdgar L. Risenhoover
Certificate No. 5979

Edgar L. Risenhoover, L.S.

