

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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 809, Farmington, NM 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At surface  
790' FNL - 1650' FEL  
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
8 1/2 mi. N NE of Lindrith

10. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 790'  
16. NO. OF ACRES IN LEASE 320

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1/2 mi. W  
19. PROPOSED DEPTH 8270'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
7530' GL; 7542' KB

5. LEASE DESIGNATION AND SERIAL NO.  
NM 58855

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Continental Divide

9. WELL NO.  
1

10. FIELD AND POOL, OR WILDCAT  
Gavilan G-G-G  
Mancos Ext. & Dakota E

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 12, T25N, R2W, N

12. COUNTY OR PARISH  
Rio Arriba

13. STATE  
NM

17. NO. OF ACRES ASSIGNED TO THIS WELL  
320\*

20. ROTARY OR CABLE TOOLS  
Rotary

22. APPROX. DATE WORK WILL START  
11-1-85

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"	36#	250' KB	125 cf circ. to surface
7-7/8"	5-1/2"	15.5 & 17#	8270' KB	2100 cf in 3 stages

Plan to drill with spud mud to 250' and set 9-5/8" surface casing. Then plan to drill 7-7/8" hole with water-gel-chem mud to 8270' to test the Mancos and Dakota formations. Will run DIL, FDC & CNL logs to TD. If well appears productive, will run 5 1/2" casing, in 3 stages, then selectively perforate, frac and complete using 2-7/8" tubing.

NMERB Requirement: Gas is not dedicated.

NMOCC CASE NO. 9694  
JULY 12, 1989  
ORYX ENERGY EXHIBIT 25

NMOCD CASE NO. 9671  
May 10, 1989  
Dugan/Sun Exhibit No. 3

IN ABOVE SPACE DESCRIBE PROPOSED PRODUCTION ZONE. If proposal is to drill in a new production zone, describe the zone. If proposal is to drill in an existing production zone, describe the zone. If proposal is to drill in a new production zone, describe the zone. If proposal is to drill in an existing production zone, describe the zone.

Give data on present productive zone and proposed new productive zone. Give locations and measured and true vertical depths. Give blowout test results.

SIGNED James S. Hazen TITLE Field Supt. DATE 11/21/85

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

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-

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

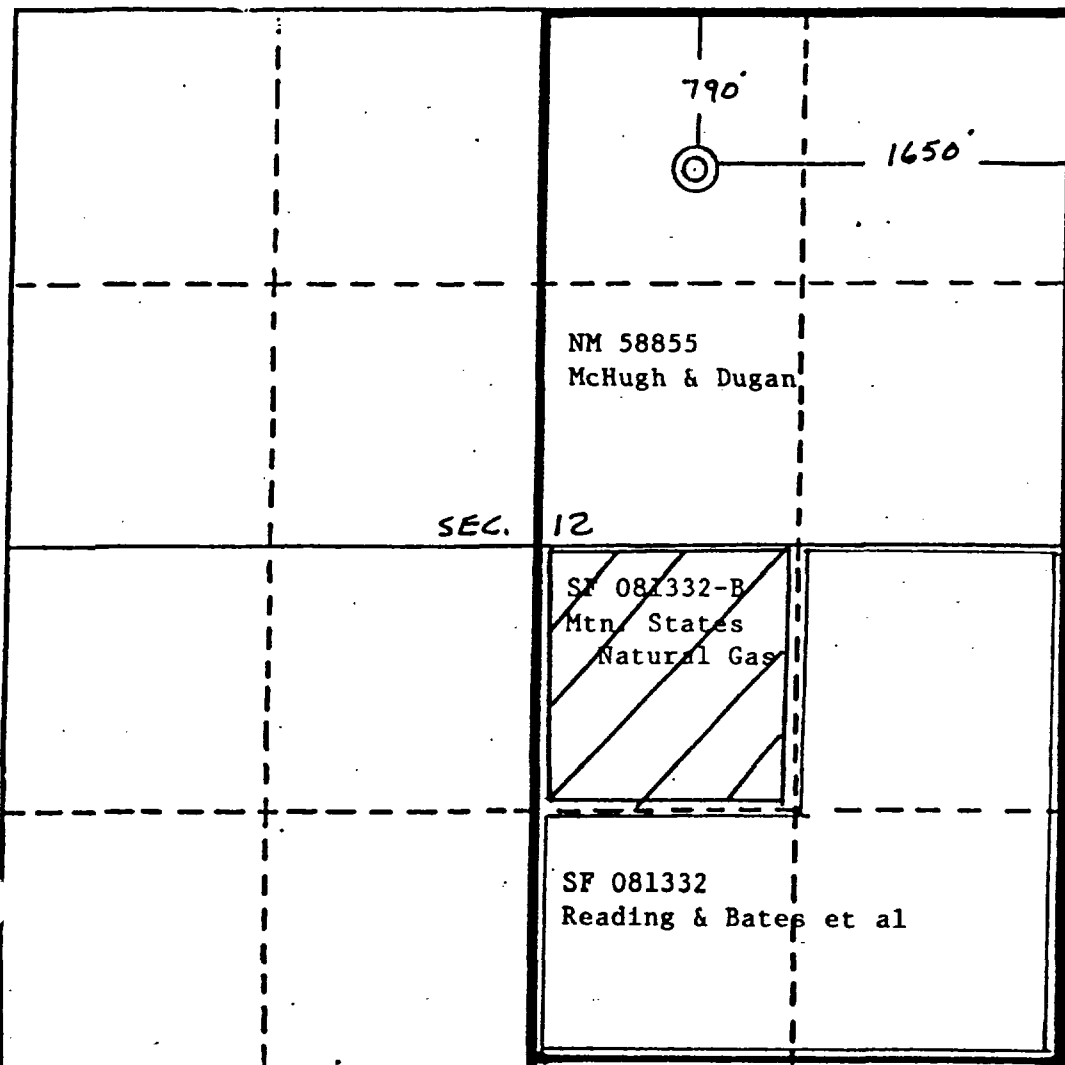
Operator Jerome P. McHugh		Lease Continental Divide		Well No. 1
Unit Letter B	Section 12	Township 25 North	Range 2 West	County Rio Arriba
Actual Footage Location of Well: 790 feet from the North line and 1650 feet from the East line				
Ground Level Elev. 7530	Producing Formation Mancos/Dakota	Pool Gavilan Mancos Ext./G-G-G Dakota	Dedicated Acreage: 320.	

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 work 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 Will be communitized

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side 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 best of my knowledge and belief.

*James S. Hazen*  
Name  
James S. Hazen

Position  
Field Supt.

Company  
JEROME P. McHUGH

Date  
11/21/85

I hereby certify that the information shown in this plat is true and correct to the best of my knowledge and belief, under supervision, and that the same is true and correct to the best of my knowledge and belief.

**EDGAR L. RISENHOOVER**  
REGISTERED LAND SURVEYOR  
NEW MEXICO  
5979

Date Surveyed  
September 10, 1985

Registered Professional Engineer and/or Land Surveyor

*Edgar L. Risenhoever*  
Certificate No. 5979