

Form 9-331 C  
(May 1963)SUBMIT IN TRIPLICATE\*  
(Other instructions on  
reverse side)Form approved.  
Budget Bureau No. 42-R1425.UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY30-045-21181  
5. LEASE DESIGNATION AND SERIAL NO.  
NM 16471

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK RE-ENTER <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. UNIT AGREEMENT NAME	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		8. FARM OR LEASE NAME Bengal B	
2. NAME OF OPERATOR Jerome P. McHugh		9. WELL NO. 1	
3. ADDRESS OF OPERATOR Box 234, Farmington, New Mexico 87401		10. FIELD AND POOL, OR WILDCAT Gallegos Gallup	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 790' FSL - 1850' FEL At proposed prod. zone		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 2, T26N, R12W	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 18 miles south Farmington, N. M.		12. COUNTY OR PARISH San Juan	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 790'		13. STATE N.M.	
16. NO. OF ACRES IN LEASE 638.36		17. NO. OF ACRES ASSIGNED TO THIS WELL 319.23	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. —		20. ROTARY OR CABLE TOOLS Rotary	
19. PROPOSED DEPTH 5100		22. APPROX. DATE WORK WILL START* 1-15-73	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5900 GR			

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2	8 5/8	24	426	
7 7/8	5 1/2	14	5159	250
7 7/8	4 1/2	10.5	1236	100

1. Re-enter Skelly Goddard #6. (#32 to 4. Sand Unit)
2. Clean out cement plugs to top 5 1/2" casing stub at 1236'.
3. Run 4 1/2" casing, tie into 5 1/2" casing stub, and cement 4 1/2" casing to surface.
4. Clean out, perforate and squeeze cement across Mesaverde zone.
5. Clean out to 5100', perforate Gallup zones 4844-50', 4944-50', and 5066-76'.
6. Frac Gallup formation with 100,000 gallons water, 100,000# 20-40, and balls.
7. Run 2 3/8" O.D. tubing, swab in well, and complete as flowing gas well.

Change name of operator and well

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. Original Signed by T. A. Dugan  
 SIGNED Thomas A. Dugan TITLE Engineer DATE 12-20-72  
 (This space for Federal or State office use)

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

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

CONDITIONS OF APPROVAL, IF ANY:

Okal

DEC 21 1972

\*See Instructions On Reverse Side

**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 <b>Jerome P. McHugh</b>			Lease <b>Bengal B</b>		Well No. <b>1</b>
Unit Letter <b>0</b>	Section <b>2</b>	Township <b>26N</b>	Range <b>12W</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>790'</b> feet from the <b>South</b> line and <b>1850</b> feet from the <b>East</b> line <b>N.M.P.M.</b>					
Ground Level Elev. <b>5900'</b>	Producing Formation <b>Gallup</b>	Pool <b>Galligos</b>	Dedicated Acreage: <b>319.23</b> 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 (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission. \_\_\_\_\_

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.*

Original signed by **Thomas A. Dugan**

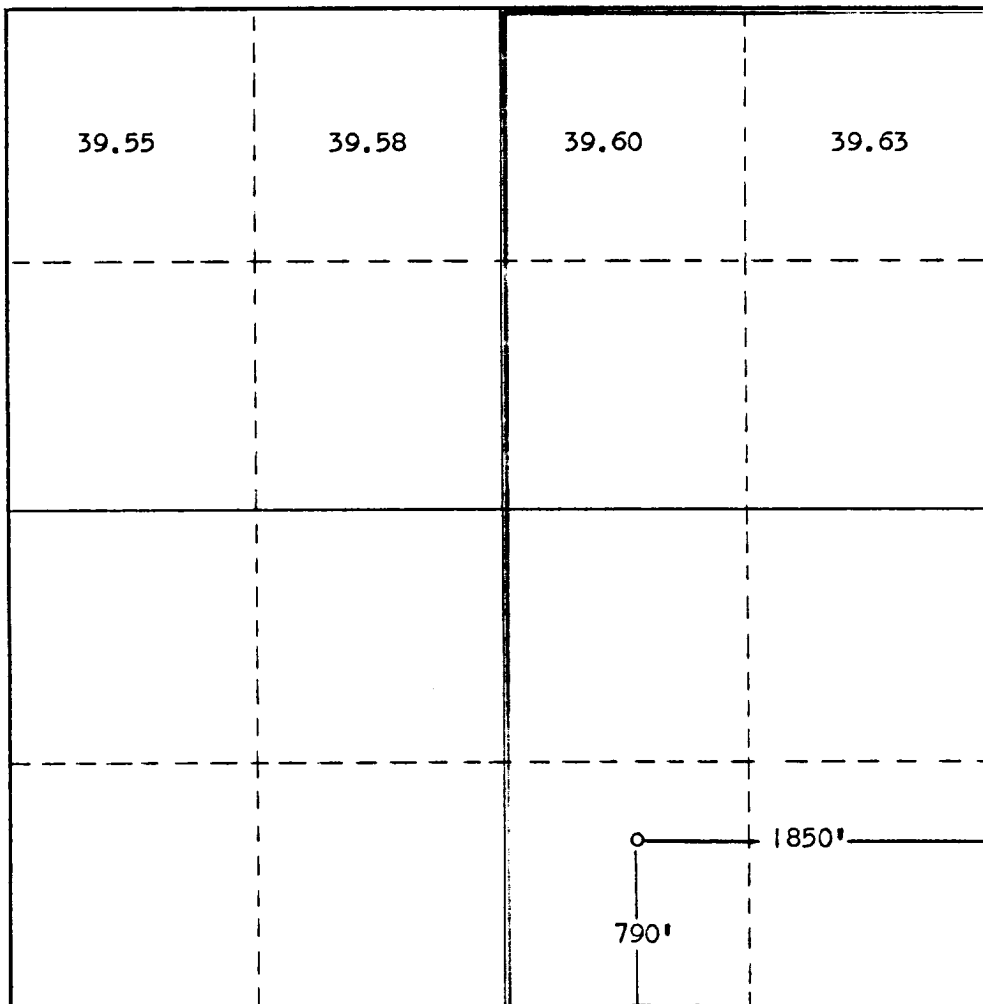
Name  
**Thomas A. Dugan**  
Position  
**Engineer**  
Company  
**Jerome P. McHugh**  
Date  
**12-20-72**

*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 \_\_\_\_\_

Registered Professional Engineer  
and/or Land Surveyor

Certificate No. \_\_\_\_\_



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