

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-045-24306

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
Box 208, Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with app. State requirements*)
 At surface 1850' FNL - 1850' FEL ✓
 At proposed prod. zone

RECEIVED
MAR 19 1980
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
22 miles south of Farmington, NM

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 1850'

18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 950'

16. NO. OF ACRES ASSIGNED TO THIS WELL 160 ✓
 19. PROPOSED DEPTH 1260'

17. NO. OF ACRES ASSIGNED TO THIS WELL 160 ✓
 20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6138' GL

5. LEASE DESIGNATION AND SERIAL NO.
NM 26354

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Chaco Plant

9. WELL NO.
#20R ✓

10. FIELD AND POOL, OR WILDCAT
WAW Fruitland PC ✓

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 27 T26N R12W ✓

12. COUNTY OR PARISH
San Juan

13. STATE
NM

22. APPROX. DATE WORK WILL START*
ASAP

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
7-7/8"	7"	14#	90'	35 SX CIRCULATE
4-3/4"	2-7/8"	6.4#	1260'	125 SX CIRC

Plan to drill 4-3/4" hole to test Pictured Cliffs Fm. Plan to run IES log to TD. If productive, plan to set 2-7/8" tbg for csg, cement, selectively perforate, frac, clean out after frac, run 1-1/4" tbg and complete well.

Plan to use 3000 psi BOP per attached schematic diagram. Will use master valve and stripper head while completing well.

NMERB: 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 Thomas A. Dugan TITLE Agent DATE 3-18-80

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY ch Frank TITLE NMOCC DATE MAY 2 1980

CONDITIONS OF APPROVAL, IF ANY:

APPROVED AS AMENDED
MAY 2 1980
JAMES F. SIMS
DISTRICT ENGINEER

NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

Superseded by Rule 1-1-85
Effective 1-1-85

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

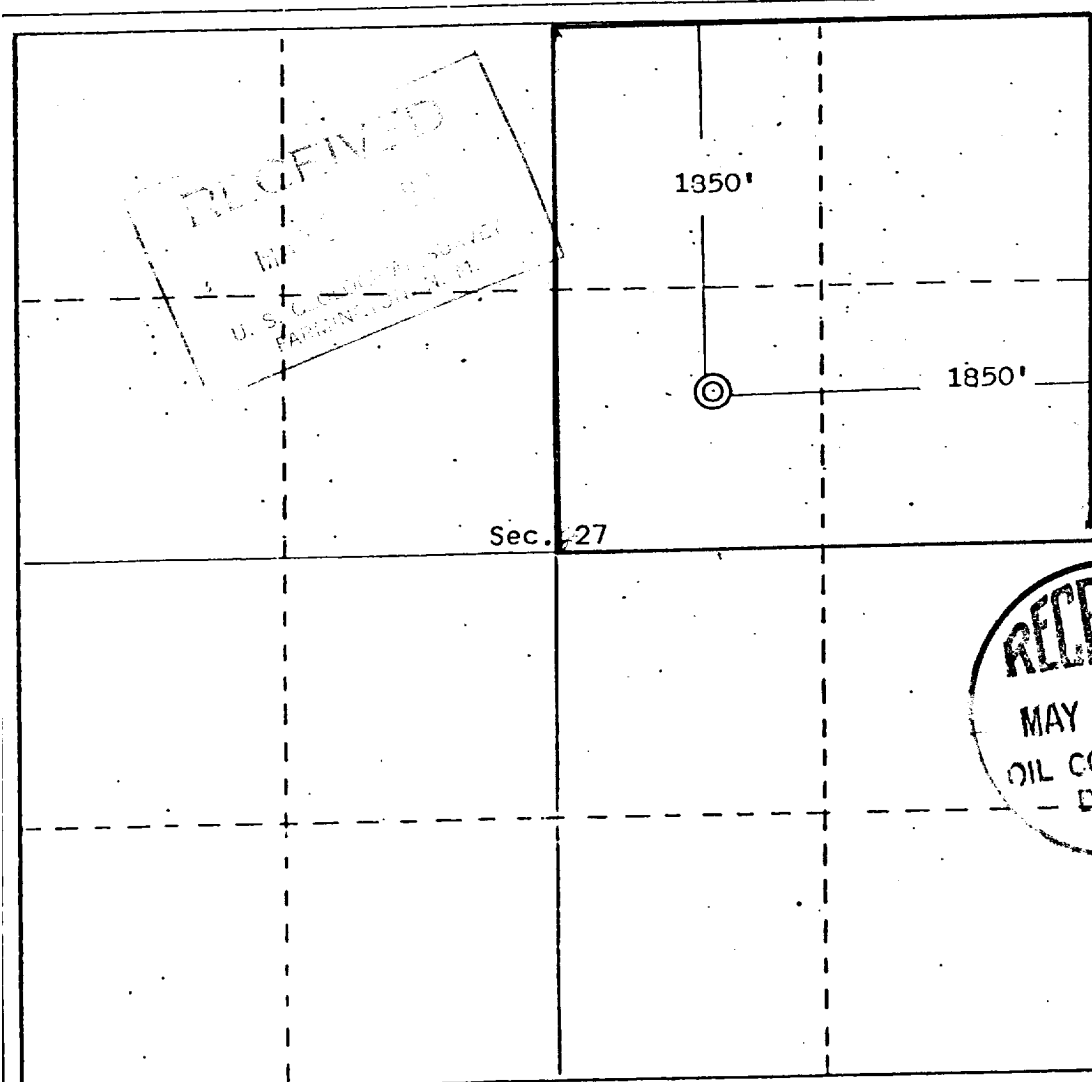
Operator Jerome P. McHugh		Lease Chaco Plant			Well No. 20-R
Unit Letter G	Section 27	Township 26 North	Range 12 West	County San Juan	
Actual Footage Location of Well:					
1850	feet from the	North	line and	1850	feet from the
Ground Level Elev. 6138		Producing Formation Fruitland - PC		Pool WAW	Dedicated Acreage: 160 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.	
Name	<i>Thomas A. Dugan</i>
Position	Agent
Company	Jerome P. McHugh
Date	3-18-80
I certify that the well location on this plat was plotted from field notes of actual surveys made by me or my supervision, and that the same is true and correct to the best of my knowledge and belief.	
Date Surveyed	March 13, 1980
Registered Professional Engineer and/or Land Surveyor	
<i>Edgar L. Risenhoover</i>	
Certificate No. 5979	
Edgar L. Risenhoover, L.S.	

