

Form 9-321 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 SURVEY30-039-21406
5. LEASE DESIGNATION AND SERIAL NO.

Contract 90

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Chris

9. WELL NO.

1A

10. FIELD AND POOL, OR WILDCAT

Blanco Mesaverde

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec 15, T27N, R3W

12. COUNTY OR PARISH 13. STATE

Rio Arriba

NM

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 234, Farmington, NM 87401

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

1620' FNL - 1850' FWL

At proposed prod. zone

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

30 miles south of Dulce, New Mexico

15. DISTANCE FROM PROPOSED*

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

1020'

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.Approx
1/2 mile

19. PROPOSED DEPTH

6200'

20. ROTARY OR CABLE TOOLS

Rotary

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

6997' GR

22. APPROX. DATE WORK WILL START*

6-15-77

23.

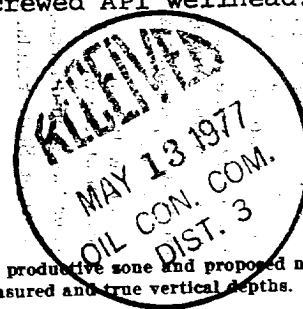
PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	32.30#	200'	200 sx
7-7/8"	4-1/2"	10.5#	6200'	1000 sx (2 stages)

Plan to drill well with mud thru Mesaverde formation, set 4-1/2" casing and cement to surface in two stages, selectively perforate and frac Mesaverde formation, clean out after frac, run 1-1/4" tubing and complete well.

Will use hydraulic blowout preventer furnished by rig while drilling, Shaffer double-gate manual BOP while completing, and 600 series screwed API wellhead.

NMERB Requirement: Gas not dedicated at this time.



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 Petroleum Engineer

DATE 5-5-77

(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

**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.

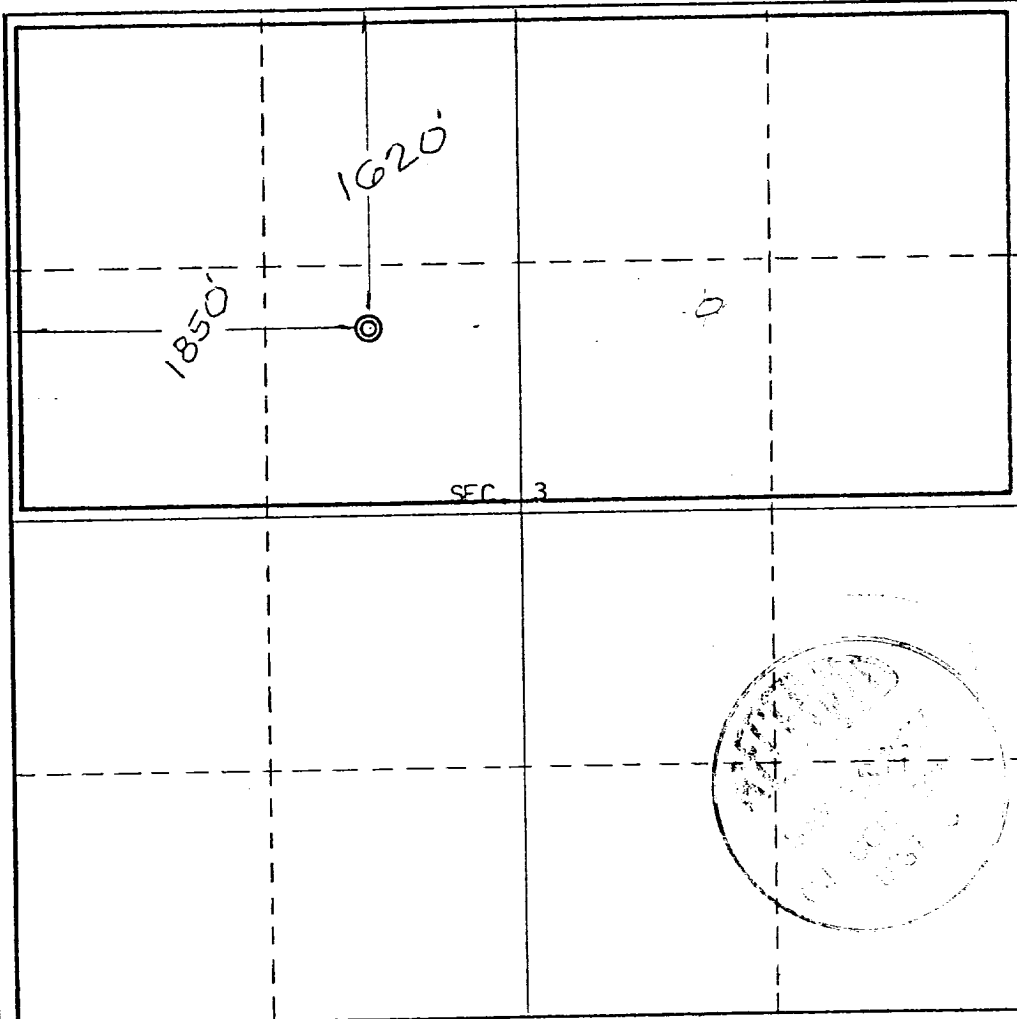
Operator Jerome P. McHugh			Lease Chris		Well No. 1-A
Unit Letter F	Section 15	Township 27 North	Range 3 West	County Rio Arriba	
Actual Footage Location of Well: 1620 feet from the North line and 1850 feet from the West line					
Ground Level Elev. 6997	Producing Formation Mesaverde	Pool Blanco ✓		Dedicated 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 Commission.



CERTIFICATION

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

Thomas A. Dugan

Name
Thomas A. Dugan

Position
Petroleum Engineer

Company
Jerome P. McHugh

Date
5-5-77

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.

E.V. Echhawk

Date Surveyed
April 20, 1977

Registered Professional Engineer
and/or Land Surveyor

E.V. Echhawk

Certificate No. **3602**
E.V. Echhawk LS

