

30-045-21656

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  
 Walter Duncan

3. ADDRESS OF OPERATOR  
 Box 234, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
 At surface 1900' FSL -- 620' FWL  
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 8 miles east southeast of Shiprock, New Mexico

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 620'

16. NO. OF ACRES IN LEASE 659.04

17. NO. OF ACRES ASSIGNED TO THIS WELL 40 2-1/2

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 330' approx

19. PROPOSED DEPTH 720'

20. ROTARY OR CABLE TOOLS  
 Cable tool surface casing  
 Rotary bitm surface csq to TD

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 5000' GR

22. APPROX. DATE WORK WILL START\*  
 1-24-75

5. LEASE DESIGNATION AND SERIAL NO.  
 14-20-0603-10008

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 Navajo Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
 North Hogback 6

9. WELL NO.  
 6

10. FIELD AND POOL, OR WILDCAT  
 Slickrock - Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Sec. 6, T29N, R16W

12. COUNTY OR PARISH  
 San Juan

13. STATE  
 NM

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9"	7"	20#	30'	5 sx
6-1/4"	4-1/2"	10.5#	700'	75 sx

1. Drive 7" casing thru boulders and cement with 5 sx cement.
2. Drill 6-1/4" hole to top of Dakota sand at approximately 700'.
3. Run 4-1/2" casing and cement to surface with 75 sx cement.
4. Drill 3-7/8" hole below 4-1/2" casing to approximately 720'.
5. Complete well in open hole without stimulation of Dakota sand.
6. Run 2-3/8" tubing to 710'.

RECEIVED  
 JAN 8 1975

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.

SIGNED Original signed by T. A. Dugan TITLE Petroleum Engineer DATE 1-6-75  
Thomas A. Dugan

(This space for Federal or State office use)

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

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

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-102  
Supersedes O-128  
Effective 1-1-65

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

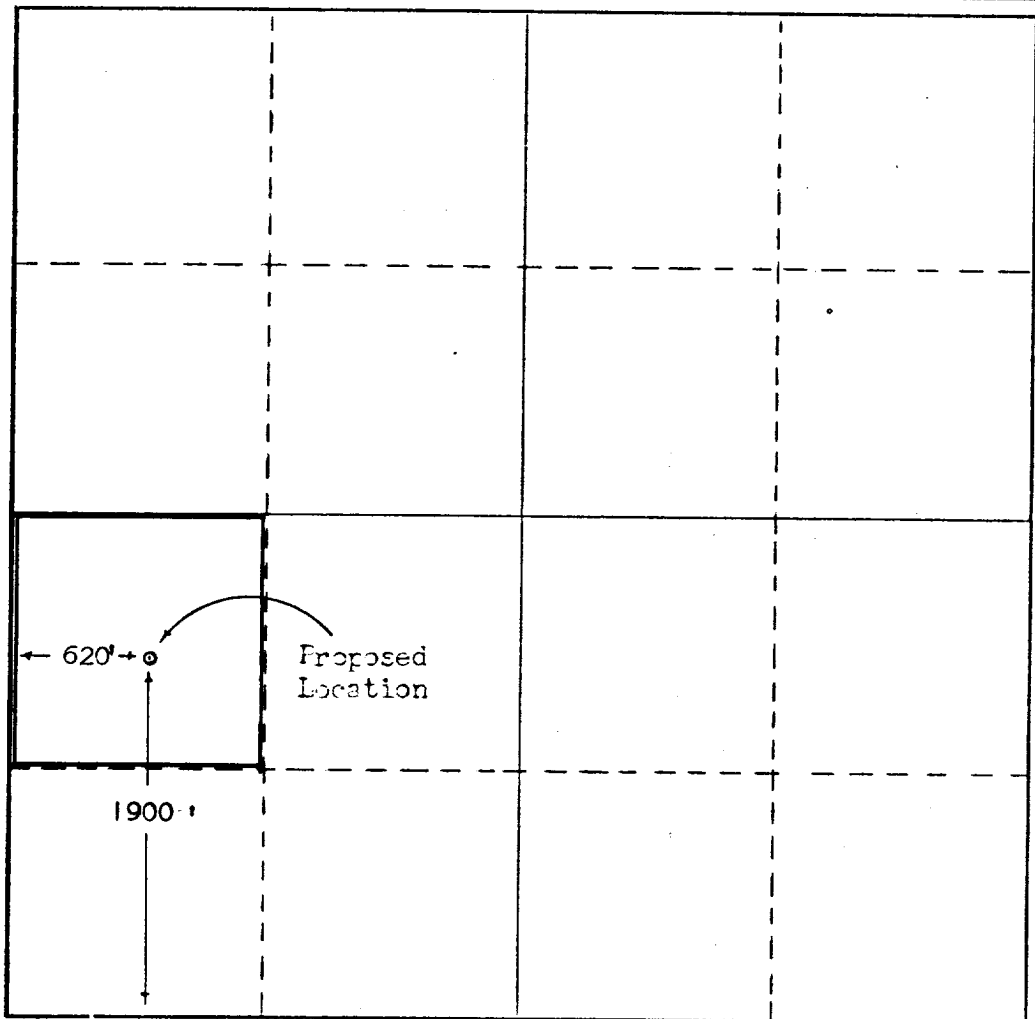
Operator Walter Lercan		Lease North Dogback 6			Well No. 8-6
Unit Letter L	Section 6	Township 27 North	Range 16 West	County San Juan	
Actual Footage Location of Well: 1900 feet from the South line and 700 feet from the West line					
Ground Level Elev. 5000'	Producing Formation Dakota	Pool Slickrock	Dedicated Acreage 40		

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.

Original signed by, T. A. Dugan

Name Thomas A. Dugan
Position Petroleum Engineer
Company Walter Duncan
Date 1-6-75

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 December 22, 1974
Registered Professional Engineer and Licensed Surveyor <i>Frederick H. Kuhl</i>
Certificate No. 2795