

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-045-21574

## 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

1400' FNL - 710' FEL

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 drig. unit line, if any)

330'

## 16. NO. OF ACRES IN LEASE

320

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

2-112 40 Joint

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

300 approx

## 19. PROPOSED DEPTH

725'

## 20. ROTARY OR CABLE TOOLS

Cable tool surface casing  
Rotary bottom surface csg to TD

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

5039' GR

## 22. APPROX. DATE WORK WILL START\*

9-12-74

## 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#	715'	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 715'.
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 725'.
5. Complete well in open hole without stimulation of Dakota sand.
6. Run 2-3/8" tubing to 720'.

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 TITLE Engineer DATE 9-13-74  
 SIGNED 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:

*See C. 104 for*  
*non-standard loc. approval*  
 See Instructions On Reverse Side

RECEIVED  
 SEP 17 1974  
 U. S. GEOLOGICAL SURVEY  
 FARMINGTON, N. M.

**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>Walter Duncan</b>			Lease <b>North Hogback 12</b>		Well No. <b>8</b>
Unit Letter <b>H</b>	Section <b>12</b>	Township <b>29 North</b>	Range <b>17 West</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>1400</b> feet from the <b>North</b> line and <b>710</b> feet from the <b>East</b> line					
Ground Level Elev. <b>5039</b>	Producing Formation <b>Dakota</b>		Pool <b>Slickrock Dakota</b>	Dedicated Acreage: <b>Proration Unit: 40</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. (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.

