

30-045-21574

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 1400' FNL - 710' FEL
 At proposed prod. zone *not*

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'.

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

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 f. 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 Ed TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Use C-104 for non-Standard use. Approved
 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.

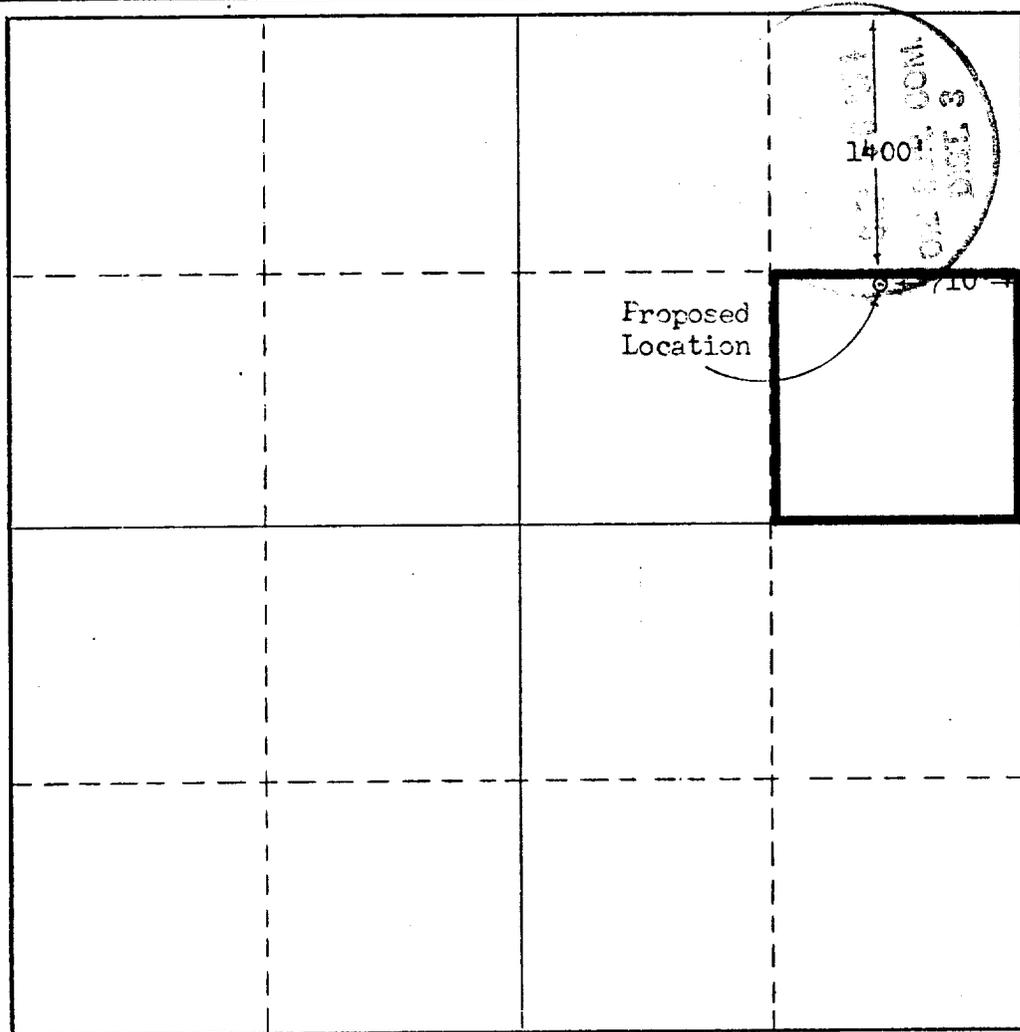
Operator Walter Duncan		Lease North Hogback 12		Well No. 8
Unit Letter H	Section 12	Township 29 North	Range 17 West	County San Juan
Actual Footage Location of Well: 1400 feet from the North line and 710 feet from the East line				
Ground Level Elev. 5039	Producing Formation Dakota	Pool Slickrock Dakota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

Original signed by **T. A. Dugan**

Name Thomas A. Dugan
Position Engineer
Company Walter Duncan
Date 9-13-74

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 September 9, 1974
Frederick H. Reed
Registered Professional Engineer and/or Land Surveyor <i>Frederick H. Reed</i>
3775
Certificate No.

