

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. 14-20-0603-9591
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo Tribal
2. NAME OF OPERATOR Walter Duncan		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR Box 137, Durango, Colorado		8. FARM OR LEASE NAME North Hogback
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 352' from north line, 716' from east line, Section 1, Township 29 North, Range 17 West, NMPM		9. WELL NO. 3
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 6 miles east of Shiprock, New Mexico		10. FIELD AND POOL, OR WILDCAT Wildcat
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 352'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 1-29N-17W
16. NO. OF ACRES IN LEASE 660		12. COUNTY OR PARISH San Juan
17. NO. OF ACRES ASSIGNED TO THIS WELL 40		13. STATE N. Mex.
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 3110'		19. PROPOSED DEPTH 760'
20. ROTARY OR CABLE TOOLS Rotary to 750'; Cable Tools to TD		21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5039 ground level
22. APPROX. DATE WORK WILL START* 12-11-66		

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11 1/2"	8-5/8"		40'	Circulate
7-7/8"	5 1/2"		TD	

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 Walter Duncan XEROX for: Walter Duncan DATE Dec. 9, 1966
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY: _____

**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		Well No. 3
Unit Letter A	Section 1	Township 29 N	Range 17 W	County San Juan	
Actual Footage Location of Well: 352 feet from the North line and 716 feet from the East line					
Ground Level Elev: 5039	Producing Formation Dakota		Pool Unnamed		Dedicated Acreage: 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 _____

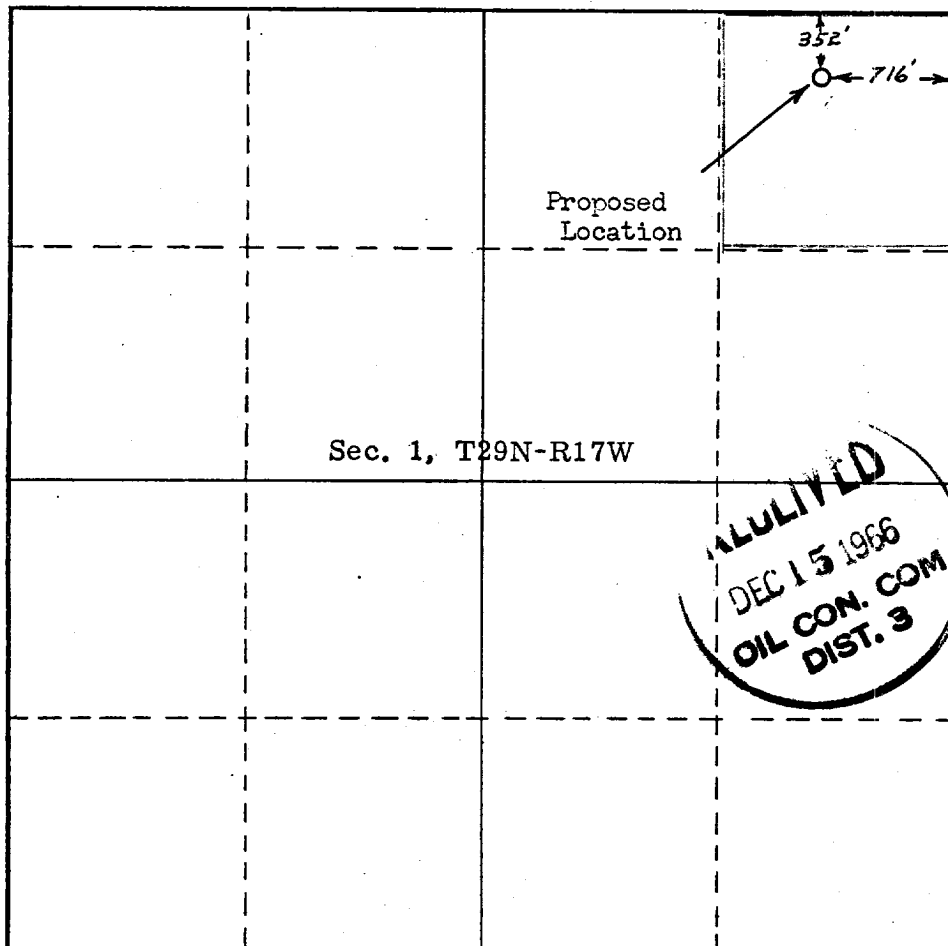
If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

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.

RECEIVED

DEC 14 1966

**U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.**



CERTIFICATION

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

Name *W. E. Carter*
 Position **Geologist**
 Company **Walter Duncan**
 Date **December 9, 1966**

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 **Dec. 9, 1966**
 Registered Professional Engineer and/or Land Surveyor
Frederick H. Reed
 Certificate No. **N. M. # 3795**

