

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

800 Security Life Building, Denver, Colorado 80202

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

At surface

990' north of south line, 660' east of west line,

At proposed prod. zone

Sec. 6, T. 29 N., R. 16 W.

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

approx. 6 miles east of Shiprock, New Mexico

15. DISTANCE FROM PROPOSED*

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

660'

16. NO. OF ACRES IN LEASE

659.04

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.990' from
6-1 well

19. PROPOSED DEPTH

750'

20. ROTARY OR CABLE TOOLS

Rotary to TD

Cable tool to 30'

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

4993' GL

22. APPROX. DATE WORK WILL START*

July 15, 1968

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9'	8-5/8'		30'	10 sx
	4-1/2'		TD	75 sx

Attached is Well Location and Acreage Dedication Plat.

Unorthodox location for North Hogback 6-2 approved 330' E/W and 130' N/S.
This location has not yet been drilled.

RECEIVED

JUL 11 1968

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.

SIGNED Walter Duncan

TITLE

Geologist

DATE 7-5-68

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY Zm

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form No. 1
Revised 1-1-66
Oil Conservation Commission

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

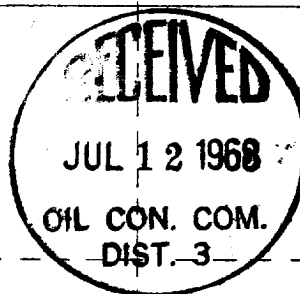
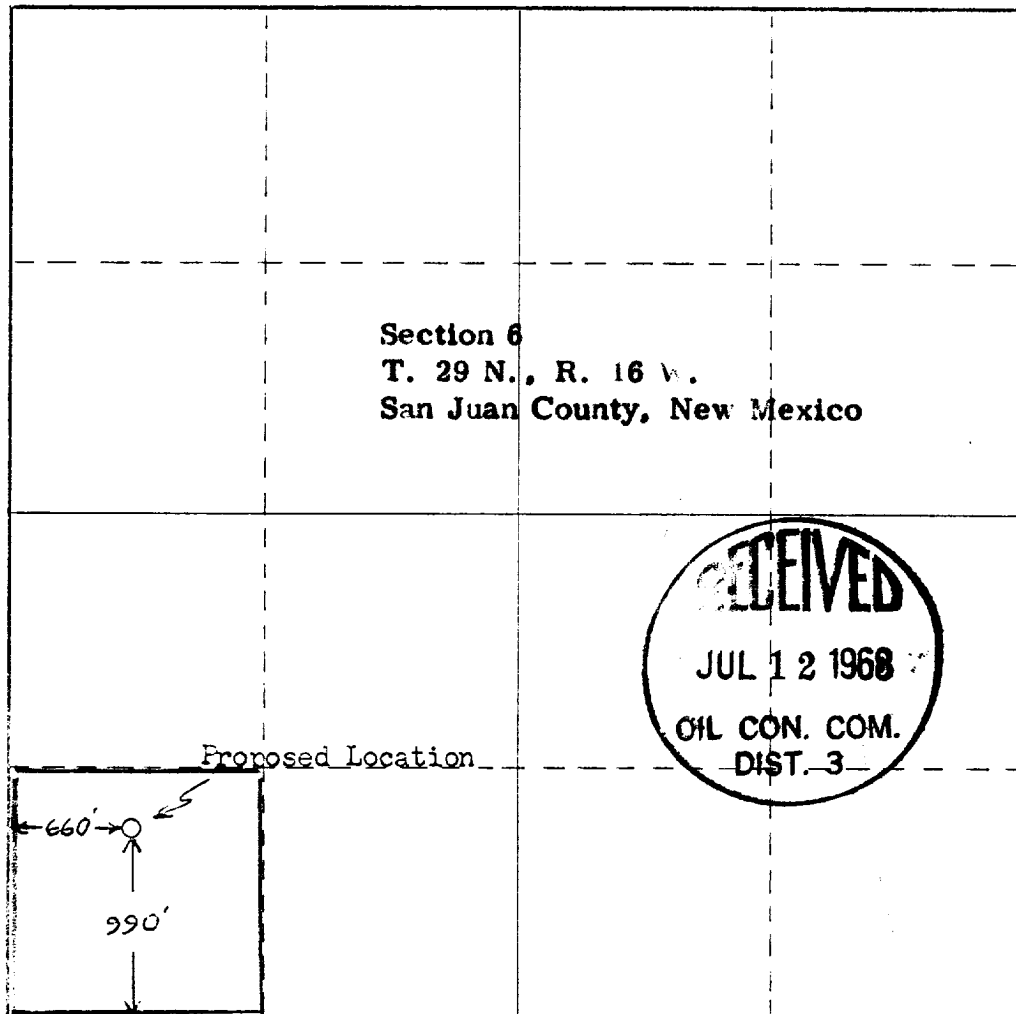
Operator Walter Duncan			Lease North Hogback		Well 4
Unit Letter M	Section 6	Township 29 N	Range 16 W	County San Juan	
Actual Location Location of Well: 990 feet from the South line and 660 feet from the West line					
Ground Level Elev. 4993	Producing Formation Dakota	Pool Slickrock EXT. undesignated	Produced in 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 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

Raymond T. Duncan

Name

Raymond T. Duncan

Position

WALTER DUNCAN

Company

1800 Security Life Bldg.

Date

Denver, Colorado 80202

JUL 5 1968

I hereby certify that the information shown on this plat was obtained from notes of actual survey made under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

July 1, 1968

Registered Professional Engineer and/or Land Surveyor

Frederick H. Reed

Certificate No.

3795