

UNITED STATES
DEPARTMENT OF THE INTERIORGEOLOGICAL SURVEY *API 90-045-22082*

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, NM 87401

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

At surface

1600' FNL - 2200' FWL

At proposed prod. zone

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

7 miles east of Shiprock, New Mexico

15. DISTANCE FROM PROPOSED*

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

1600'

16. NO. OF ACRES IN LEASE

640

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

18. DISTANCE FROM PROPOSED LOCATION*

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

436'

19. PROPOSED DEPTH

670

20. ROTARY OR CABLE TOOLS

Cable tools to 25'
Rotary 25' to TD

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

4978' GR

22. APPROX. DATE WORK WILL START*

6-10-76

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9"	7"	20#	25'	5 sx
6-1/4"	4-1/2"	10.5#	670'	75 sx

1. Drill w/cable tools thru boulders and set 7" csg cemented w/5 sx
2. Drill 6-1/4" hole to top of Dakota sand @ approx 670'
3. Run 4-1/2" csg and cement to surface w/75 sx
4. Drill 3-7/8" hole into Dakota pay zone w/air
5. Complete well open hole naturally and run 2-3/8" tbq.

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

Jim L. Jacobs

TITLE

DATE 5-25-76

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

JUN 3 1976

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

OIL CON. COM.
DIST 3

JUN 2 1976

U. S. GEOLOGICAL SURVEY

*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.

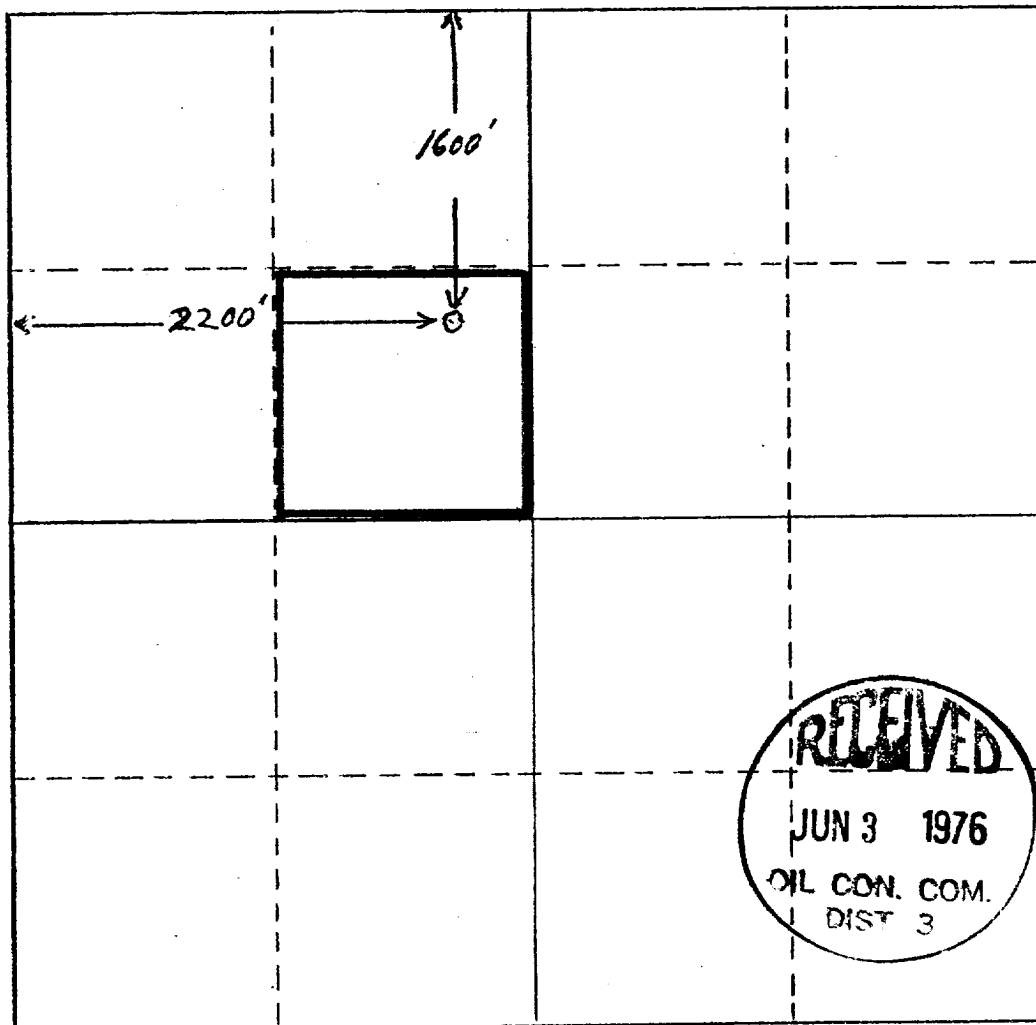
Operator Walter Duncan			Lease North Hogback		Well No. 1-23
Unit Letter F	Section 1	Township 29 N	Range 17 W	County San Juan	
Actual Footage Location of Well: 1600 feet from the North line and 2200 feet from the West line					
Ground Level Elev. 4978	Producing Formation Dakota	Pool Slickrock	Proration Unit Acres 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.

Jim L. Jacobs

Name
Jim L. Jacobs

Position
Agent

Company
Walter Duncan

Date
5-25-76

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
4-19-76

Registered Professional Engineer and/or Land Surveyor

Frederick A. Reed

Certificate No.
3795

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0