

Form 9-332C
May 1963)

SUBMIT IN TRIPLICATE*

(Other instructions on
reverse side)Form approved.
Budget Bureau No. 42-R1425.UNITED STATES
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

APL 30-039-2243

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

Dugan Production Corp.

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

2500 FNL - 510' FWL

At proposed prod. zone

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

5 miles northeast Northwest Pipeline Gobernador Camp

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

140'

16. NO. OF ACRES IN LEASE

326.24

17. NO. OF ACRES ASSIGNED

TO THIS WELL

322.72

18. DISTANCE FROM PROPOSED LOCATION*

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

None

19. PROPOSED DEPTH

5750'

20. ROTARY OR CABLE TOOLS

Rotary

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

6388' 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
12-1/2"	8-5/8"	24#	180'	150 cu ft
7-7/8"	5-1/2"	15.5#	5750'	800 cu ft (2 stages)

Drill well to test Mesaverde formation using mud as circulating medium. Set 5-1/2" casing thru Mesaverde formation, selectively perforate, sand-water frac, and clean out after frac.

If Pictured Cliffs formation is productive, selectively perforate, frac, clean out after frac, and dually complete well in Mesaverde and Pictured Cliffs formations.

While drilling will use BOP furnished by drilling rig (10" 3000 psi hydraulic).

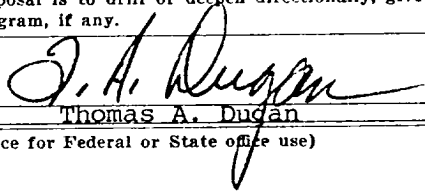
While completing will use rental BOP (6" 3000 psi manual).

NMERB Requirement: Gas dedicated to Northwest Pipeline Corporation.

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



TITLE

Engineer

DATE

5-28-76

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

JUN 7 1976

CONDITIONS OF APPROVAL, IF ANY:



*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.

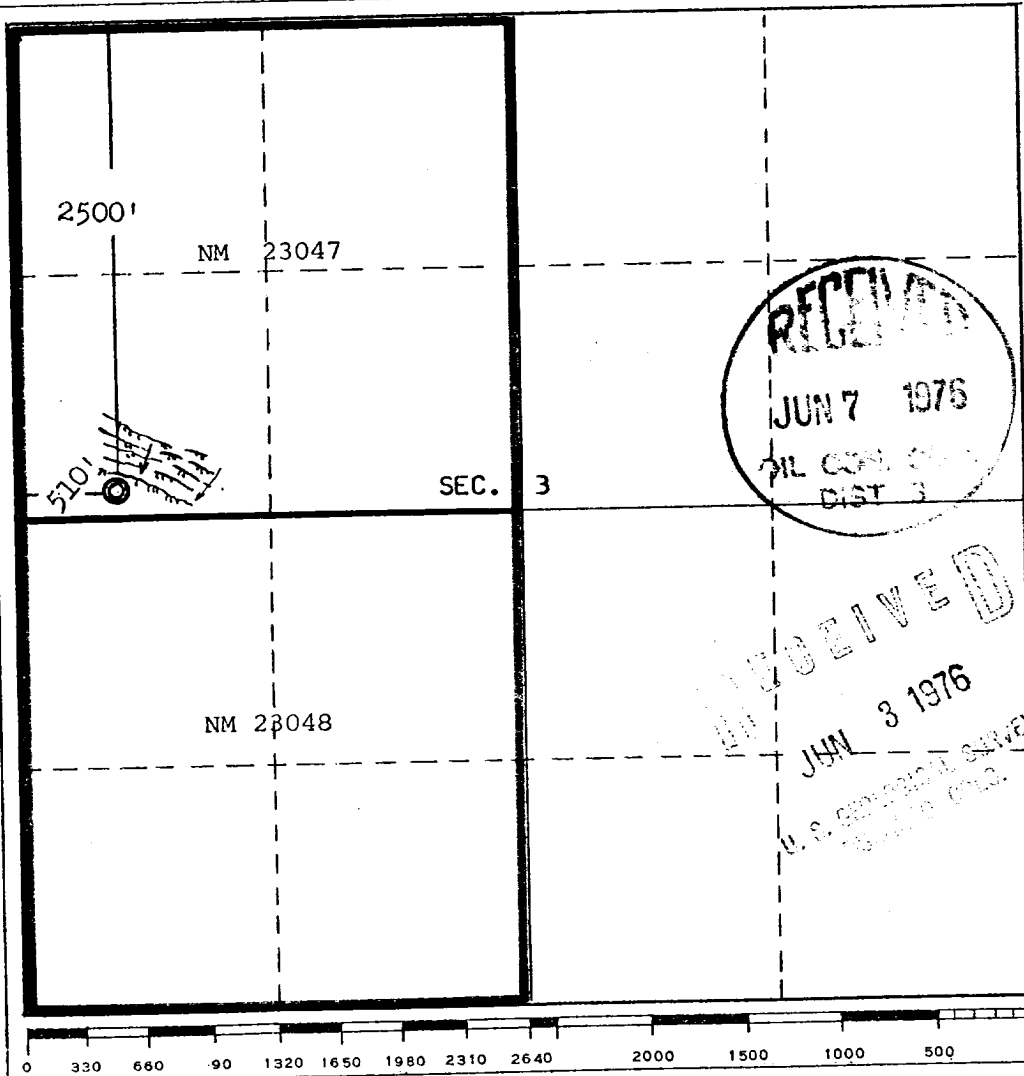
Operator Dugan Production Corporation			Lease Sherman Edward		Well No. 2A
Unit Letter E	Section 3	Township 29 North	Range 5 West	County Rio Arriba	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> 2500 feet from the North line and 510 feet from the West line </div>					
Ground Level Elev. 6388	Producing Formation Mesaverde	Pool Blanco	Dedicated Acreage: 322.72 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 Plan to Communitize

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.

Thomas A. Dugan
Name

Thomas A. Dugan

Position

Engineer

Company

Dugan Production Corp.

Date

5-28-76

Date Surveyed

May 10, 1976

Registered Professional Engineer
and/or Land Surveyor

E.V. Echohawk

Certificate No. **3602**

E.V. Echohawk LS