

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 42-B1425.

30-039-21411

5. LEASE DESIGNATION AND SERIAL NO.

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐

PLUG BACK ☐

NM 23048

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Sherman Edward

9. WELL NO.

2B

- 10. FIELD AND POOL, OR WILDCAT

Blanco Mesaverde

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec 3, T29N, R5W

12. COUNTY OR PARISH | 13. STATE

Rio Arriba

NM

OF ACRES ASSIGNED

HIS WELL
200

RY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START*

6-10-77

QUANTITY OF CEMENT

SIZE OF HOLE

SIZE OF CASINO

WEIGHT PER FOOT

SETTING DEPTH

QUANTITY OF CEMENT

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. 2B
Unit Letter 0	Section 3	Township 29 North	Range 5 West	County Rio Arriba	
Actual Footage Location of Well: 940 feet from the South line and 2070 feet from the East line					
Ground Level Elev. 6401	Producing Formation Mesaverde		Pool Blanco Mesaverde	Dedicated Acreage: 320 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.

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WELL LOCATION AND ACREAGE DEDICATION PLAT

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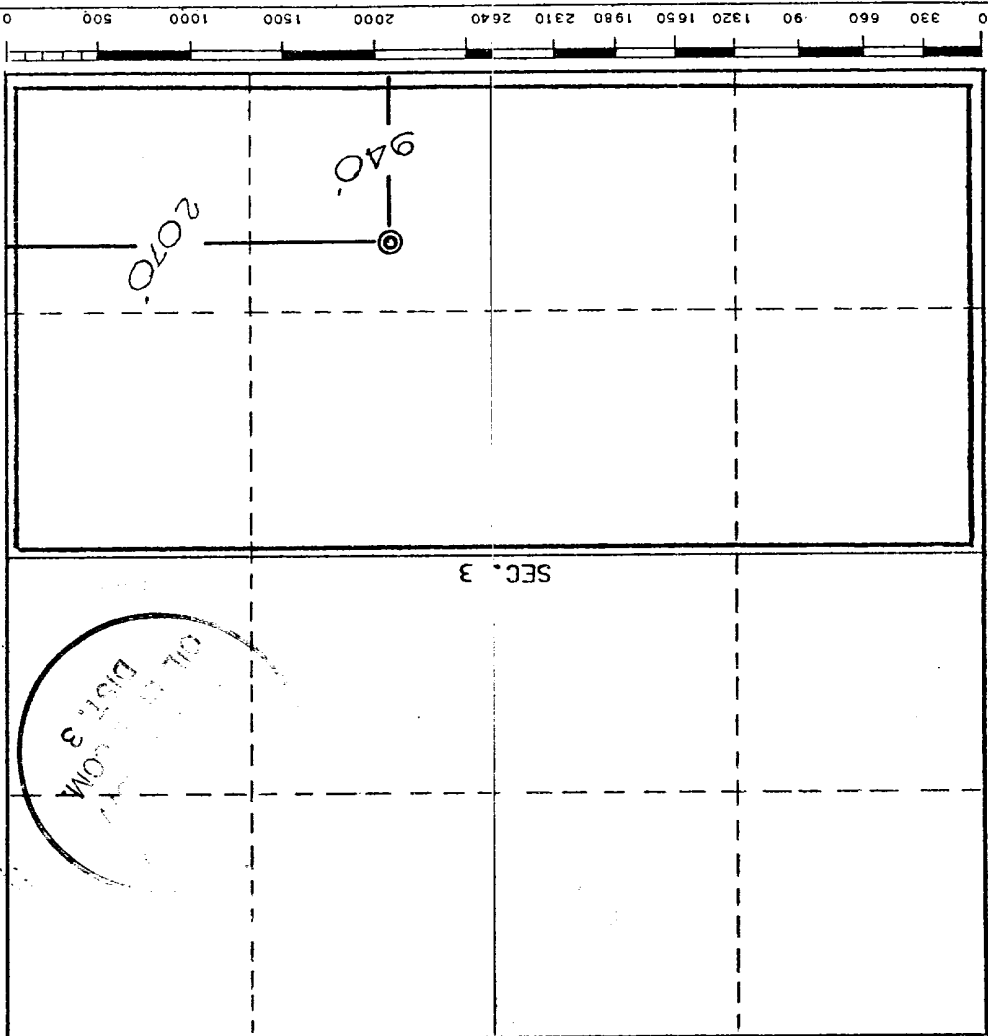
NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

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		Lessee Sherman Edward		Well No. 2B
Unit Letter 0	Section 3	Township 29 North	Range 5 West	County Rio Arriba
Actual Footage Location of Well:				
940 feet from the		South		East
Ground Level Elev. 6401		Producing Formation Mesaverde		Pool Blanco Mesaverde
Dedicated Acreage: 320 Acres				

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
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 If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)
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CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Thomas A. Dugan Position Petroleum Engineer Company Dugan Production Corp. Date 5-16-77		I hereby certify that the well location shown on this plat was located 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. Registered Professional Engineer and/or Land Surveyor December 11, 1976 Certificate No. 3602 E. V. Echobaw LS
Date Surveyed December 11, 1976		
Registered Professional Engineer and/or Land Surveyor E. V. Echobaw		
Certificate No. 3602 E. V. Echobaw LS		

Form 9-821 C
(May 1963)SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)Form approved.
Budget Bureau No. 42-R1425.UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY30-039-21411
5. LEASE DESIGNATION AND SERIAL NO.
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Sec 3, T29N, R5W

12. COUNTY OR PARISH 13. STATE

Rio Arriba

NM

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

940' FSL - 2070' FEL

At proposed prod. zone

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

5 miles northeast of Northwest Pipeline Gobernador Camp

15. DISTANCE FROM PROPOSED*

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

940'

16. NO. OF ACRES IN LEASE

320

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.Approx
1/2 mile

19. PROPOSED DEPTH

5750'

20. ROTARY OR CABLE TOOLS

Rotary

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

6401' GR

22. APPROX. DATE WORK WILL START*

6-10-77

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

Thomas A. Dugan

TITLE

Petroleum Engineer

DATE

5-16-77

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

DEVELOPMENT PLAN

Dugan Production Corp.

Sherman Edward #2B

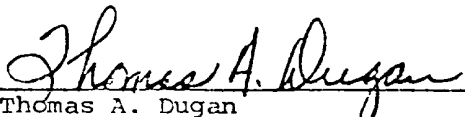
1. Existing roads are shown on attached plat.
2. Planned access from existing road approximately 1000' to new location. Will leave natural grass and small vegetation on roadway. Will remove large brush or trees from road. Do not plan to make road grade or bar ditches. Will bottom-out any arroyo we cross and not install culverts.
3. Location of well: 940' FSL - 2070' FEL
Section 3, T29N, R5W
Rio Arriba County, New Mexico
4. No additional well(s) planned on this lease at this time.
5. Separator and flow line will be located within 50' of wellhead.
6. Water will be secured from La Jara Wash.
7. Waste materials will be buried on location or in reserve pit.
8. No permanent camp is planned; trailer house will be used on location while drilling.
9. Do not plan to build airstrip.
10. See attached plat for proposed location layout.
11. Will clean up location, fill and level pits, level ruts in road, reseed location and road with Seed Mixture #2 and paint equipment with #34127.
Pinon Juniper Green
12. Operator's Representative:
Thomas A. Dugan
Box 234
Farmington, New Mexico 87401
13. Certification: The following statement must be signed by the lessee's or operator's field representative who is identified in Item #12 of the Plan:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this Plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by _____

Dugan Production Corp.

and its contractors and subcontractors in conformity with this Plan and the terms and conditions under which it is approved.

Date: 5-16-77


Thomas A. Dugan

Dugan Production Corp.

Sherman Edward #2B

Proposed Location Layout

