

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY(Other instructions on
reverse side)

30-045-26927

RECEIVED
BLM MAIL ROOM

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

2. NAME OF OPERATOR

DUGAN PRODUCTION CORP. OIL CONSERVATION DIVISION

3. ADDRESS OF OPERATOR

P.O. Box 208, Farmington, NM 87499

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

At surface

1830' FNL & 1830' FEL

At proposed prod. zone

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

Approximately 8 miles SW of Blanco Trading Post, NM

15. DISTANCE FROM PROPOSED*

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

810'

16. NO. OF ACRES IN LEASE

160.52

17. NO. OF ACRES ASSIGNED
TO THIS WELL

11/80.25

18. DISTANCE FROM PROPOSED LOCATION*

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

approx. 1755'

19. PROPOSED DEPTH

4785'

20. ROTARY OR CABLE TOOLS*

Rotary

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

6625' GL; 6637' KB

#1 DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED

22. APPROX. DATE WORK WILL START*

ASAP

23.

PROPOSED CASING AND CEMENTING PROGRAM

This action is subject to technical and
procedural review pursuant to 43 CFR 3165.4
and appeal pursuant to 43 CFR 3165.4

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|---------------------------------|
| 12-1/4" | 8-5/8" | 24# | 200' | 159 cubic ft. circ. to surface |
| 7-7/8" | 4-1/2" | 10.5# | 4785' | 1532 cubic ft. circ. to surface |

Plan to drill a 12-1/4" hole and set 200' of 8-5/8" OD, 24#, J-55 surface casing; then plan to drill a 7-7/8" hole to total depth with gel-water-mud program to test Gallup formation. Plan to run IES and CDL logs. If determined productive, will run 4-1/2", 10.5#, J-55 casing, selectively perforate, frac, clean out after frac and complete well.

Gas is dedicated.

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

Geologist

DATE

11-10-87

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

NMOCC

*See Instructions On Reverse Side

RECEIVED
MAY 27 1988
OIL CON. DIV.
DIST. 3APPROVED
AS AMENDED

MAY 25 1988

Robert Mose
AREA MANAGER

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-102
Revised 10-1-78

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

| | | | | | |
|--|--------------------------------------|-----------------------------------|--------------------------|---|----------------------|
| Operator Dugan Production | | | Lease Marathon | | Well No. 2 |
| Unit Letter G | Section 4 | Township 23 North | Range 10 West | County San Juan | |
| Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> 1830 feet from the North line and 1830 feet from the East line </div> | | | | | |
| Ground Level Elev. 6625 | Producing Formation Gallup | Pool South Bisti Gallup | | Dedicated Acreage: 80 2 5 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 Division.

RECEIVED
BLM MAIL ROOM
87 NOV 16 AM 9:16
FARMINGTON RESOURCE AREA
FARMINGTON, NEW MEXICO

1830'

Dugan Prod.

NOO-C-14-20-7308

SECTION 4

RECEIVED
MAY 27 1988
OIL CON. DIV
DIST. 3

| | |
|---|--|
| CERTIFICATION | |
| I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. | |
| | |
| Name Jim L. Jacobs | |
| Position Geologist | |
| Company Dugan Production Corp. | |
| Date 11-10-87 | |
| | |
| Date Surveyed October 7, 1987 | |
| Registered Professional Engineer and/or Land Surveyor Edgar L. Risenhoover | |
| Certificate No. 5979 | |