

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

DUGAN PRODUCTION CORP.

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

790' FNL - 790' FEL

At proposed prod. zone

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

13 miles west of Nageezi, NM

15. DISTANCE FROM PROPOSED*

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

530'

18. DISTANCE FROM PROPOSED LOCATION*

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

1060'

16. NO. OF ACRES IN LEASE

1360±

19. PROPOSED DEPTH

5775'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

N 320

20. ROTARY OR CABLE TOOLS

Rotary

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

6518' GL

22. APPROX. DATE WORK WILL START*

ASAP

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24	220'	159.3 cu. ft. Class "B" to surface
7-7/8"	4-1/2"	11.6/10.5	5775'	1650.0 cu. ft. Total Slurry

Plan to drill with spud mud to set surface casing at 220'. Will then drill with water-mud-gel mixture to test the Dakota formation. Plan to run IES & CDL logs, and if the well appears productive will run 4½" casing. Will then selectively perforate, frac, clean-out after frac, and hopefully complete well using 1½" tubing.

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

Jerry McHugh

TITLE Well Site Coordinator

DATE 11-4-82

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
AS AMENDEDNOV 2 1982
JAMES F. SIMS
DISTRICT ENGINEER

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-102
Revised 10-1-78

STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

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

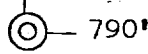
Operator Dugan Production Corporation		Lease Grover		Well No. 1	
Init Letter A	Section 14	Township 24 North	Range 11 West	County San Juan	
Actual Footage Location of Well:					
790	feet from the	North	line and	790	feet from the
East	line		Dedicated Acreage:		
round Level Elev. 6518	Producing Formation Dakota		Pool Basin Dakota		N 320 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 Communitization

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.

NM 14443 100% Dugan Production Corp.	NM 17192 100% Dugan Production Corp.	790'  790'
	NM 14100 100% Dugan Production Corp.	
Sec. 14		

CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name Jerry McHugh
 Position Well Site Coordinator
 Company Dugan Production Corp.
 Date 11-4-82

I hereby certify that the location shown on the plat is 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.

Date Surveyed
October 29, 1982
 Registered Professional Engineer
 and/or Land Surveyor

Edgar L. Risenhoover
 Certificate No. 5979
 Edgar L. Risenhoover, L.S.

NOV 23 1982
 OIL CONSERVATION DIVISION
 DIST. 5

RECEIVED
 NOV 05 1982

U. S. GEOLOGICAL SURVEY
 FARMINGTON, N. M.

