

6 - USGS 1 - File
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)Form approved.
Budget Bureau No. 42-R1425.

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.

3. ADDRESS OF OPERATOR
P O Box 208, Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface 1850' FSL - 790' FWL
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
4 miles east of Nagezzi, NM

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

16. NO. OF ACRES IN LEASE
160

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.
790'

19. PROPOSED DEPTH
6300'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6762' 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	
12-1/4"	8-5/8"	24#	225'	125 sx class B
7-7/8"	4-1/2"	10.5#	6300'	700 sx in 2 stages

Plan to drill w/ mud to test Basin Dakota Formation. Plan to run IES & CDL logs to TD. If productive, will set 4 1/2" csg., cement w/ 2 stages, selectively perforate, frac, clean out, run 1 1/4" tubing and complete well.

Plan to use B.O.P. furnished by rig (10" - 3000 psi hydraulic)

Plan to use B.O.P. rental while completing (6" - 3000 psi double gate manual)

NMERB REQUIREMENT: GAS 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.

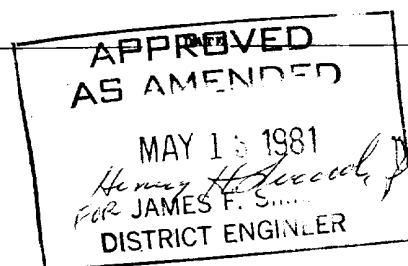
24. SIGNED Jerome P. McHugh Jr. TITLE Landman DATE 4-7-81
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY: _____

*See Instructions On Reverse Side

NMOCC



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

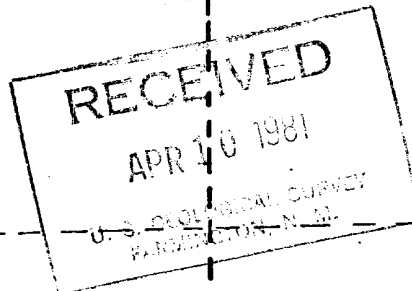
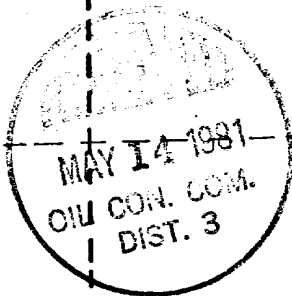
Operator Dugan Production Corporation			Lease Bright Angel		Well No. 1
Well Letter L	Section 27	Township 24 North	Range 8 West	County San Juan	
Actual Footage Location of Well:					
1850	feet from the	South	line and	790	feet from the West line
Ground Level Elev. 6762	Producing Formation Dakota		Pool Basin Dakota		Dedicated Acreage: 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 _____

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.



Sec. 27

N00-C-14-20-4312, 100%
Dugan Production Corp.

N00-C-14-20-4313, 100%
Dugan Production Corp.

790'
1850'

CERTIFICATION

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

Jerome P. McHugh Jr.
Name

Jerome P. McHugh Jr.

Position
Landman

Company
Dugan Production Corp.

Date
4-7-81

I hereby certify that the location shown on the plat is from field notes of a survey 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

March 19, 1981

Registered Professional Engineer and/or Land Surveyor

Edgar L. Risenhoover

Certificate No. 5979

Edgar L. Risenhoover, L.S.

