

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1A. TYPE OF WORK

DRILL ☒DEEPEN ☐

B. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Dugan Production Corp. 6515

3. ADDRESS AND TELEPHONE NO.

P.O. Box 420, Farmington, NM 87499 (505) 325-1821

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface1450' FNL & 1550' FWL (SE/4 NW/4)
At proposed prod. zone

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

approx 6 1/2 miles SW Forty-Four Store, NM

15. DISTANCE FROM PROPOSED*

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

1450'

16. NO. OF ACRES IN LEASE

2280

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

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

N/A This well is subject to 1225'

19. PROPOSED DEPTH

1225'

20. ROTARY OR CABLE TOOLS

Rotary

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

6650' (est) GL

22. APPROX. DATE WORK WILL START*

ASAP

23.

PROPOSED CASING AND CEMENTING PROGRAM

DRILLING OPERATIONS AUTHORIZED AS

SUBJECT TO QUANTITY OF CEMENT WITH ATTACHED

"GENERAL REQUIREMENTS"

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9-7/8"	7"	20#	120'	53 cu.ft. (45 sx) circ. to surface
6-1/4"	2-7/8"	6.5#	1225'	313 cu.ft. (265 sx) circ. to surface

Plan to drill a 9-7/8" hole and set 120' of 7" OD, 20#, J-55 surface casing; then plan to drill a 6 1/4" hole to total depth with gel-water-mud program to test Chacra formation. Plan to run IES and CDL logs. If determined productive, will run 2-7/8", 6.5#, J-55 casing, selectively perforate, frac, clean out after frac and complete well.

RECEIVED
JAN 18 1994
OIL CON. DIV.
DIST. 3

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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

Sherman E. Dugan

TITLE Vice-President

DATE 12/21/93

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY

TITLE

NMCO

DATE

JAN 18 1994

DISTRICT MANAGER

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

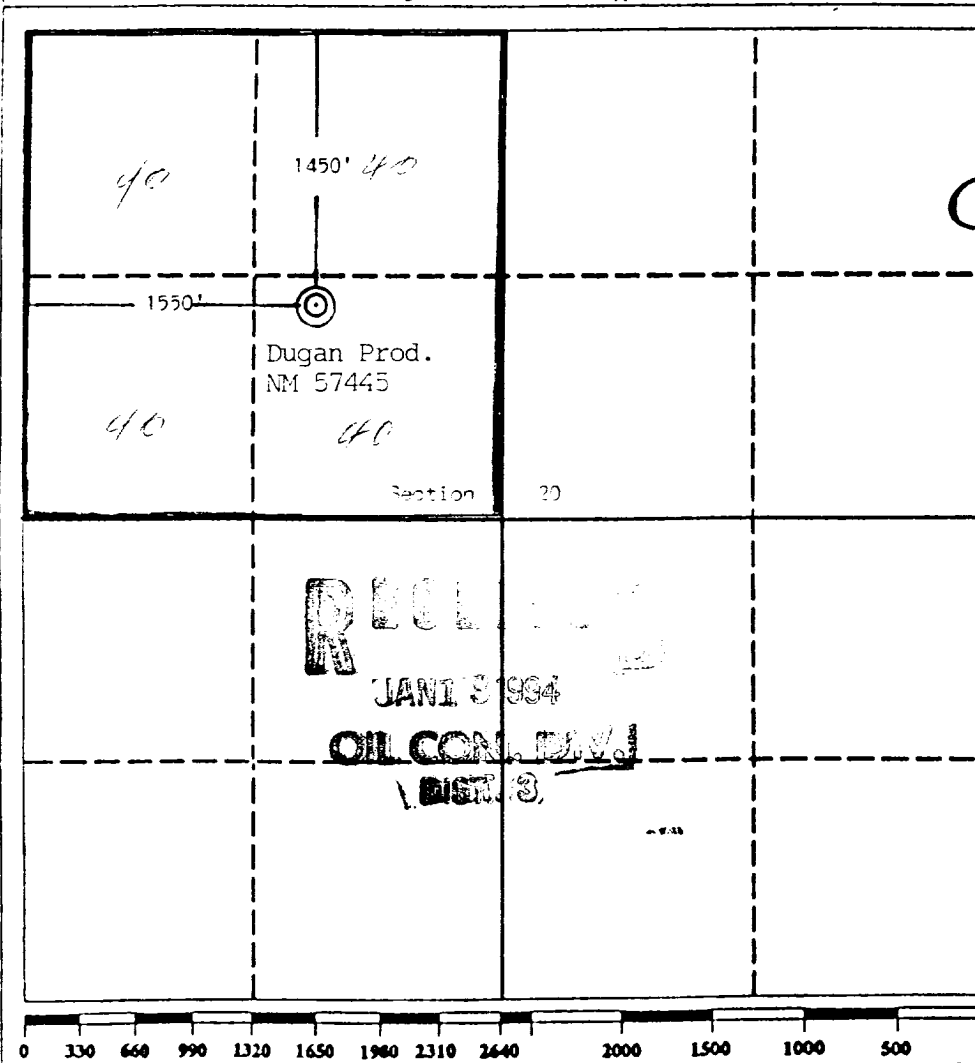
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Dugan Production Corporation			Lease Zappa		Well No. 1
Unit Letter F	Section 20	Township 22 North	Range 8 West	County NMPM San Juan	
Actual Footage Location of Well: 1450 feet from the North line and 1550 feet from the West line					
Ground level Elev. 6650 Est.	Producing Formation Chacra		Pool Undesignated Chacra	Dedicated Acreage: 160 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest 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 interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

Signature
Sherman E. Dugan
Printed Name
Sherman E. Dugan
Position
Vice-President
Company
Dugan Production Corp.
Date
12/21/93

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted 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
December 13, 1993
Signature & Seal of Professional Surveyor
Edgar L. Risen
Certificate No. 5979
Edgar L. Risen, Registered Professional Surveyor

Existing RoadsExhibit EPlanned Access Road(s)Exhibit E

Vicinity of nearest town or reference pt.

approx 6½ mi. SW of 44 Store

Type of surface dirtConditions good

Other _____

Reference map: USGS mapLybrook NW, NM 1963 & Fire Rock Well,
NM 1966

Width _____ Maximum grades _____

Drainage design _____

Cuts & Fills _____

Surfacing material _____

Turnouts

Culverts

Gates

Cattleguards

Fence cuts

Waterbars

NO NEW ACCESS
ROAD REQUIREDAccess road(s) (do)do not cross (Fed)Ind land.

DUGAN PRODUCTION CORP. - ZAPPA #1

