

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1. a. TYPE OF WORK

DRILL ☒

DEEPEEN ☐

99 APR 22 PM 2:50

b. TYPE OF WELL

Oil ☐

Gas ☐

Well ☐

Well ☒

Other ☐

SINGLE ☐

ZONE ☒

MULTIPLE ☐

ZONE ☐

2. Name of Operator

Dugan Production Corp.

3. Address and Telephone No.

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

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

At surface 790' FSL & 1190' FEL

At proposed prod. zone

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

Approx. 9.5 miles southeast of 44 Store, NM

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.

1190'

(Also to nearest drig. unit line, if any)

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.

Approx. 13770'
from DPC
Zappa #2

19. PROPOSED DEPTH

1370'

20. ROTARY OR CABLE TOOLS

Rotary

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

6738' GL

22. APPROX. DATE WORK WILL START*

ASAP

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADES, SIZES OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9-7/8"	7"	20#	120'	50 cu.ft. (59 sx) circ. to surface
6-1/4"	4-1/2"	10.5#	1370'	1214 cu.ft. (155 sx) circ to surface

This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"

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 4-1/2", 10.5#, J-55 casing, selectively perforate, frac, clean out after frac and complete well.

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

Vice-President

Date 4/21/99

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

JUN 02 1999

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 **IS/ Duane W. Spencer**

Title

Team Lead, Petroleum Management

Date

*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.

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30 045 29908		2 Pool Code 96166		3 Pool Name Bisti Chacra Ext.	
4 Property Code 13361		5 Property Name Zappa			6 Well Number 3
7 OGRID No. 006515		8 Operator Name Dugan Production Corporation			9 Elevation 6738'

10 Surface Location

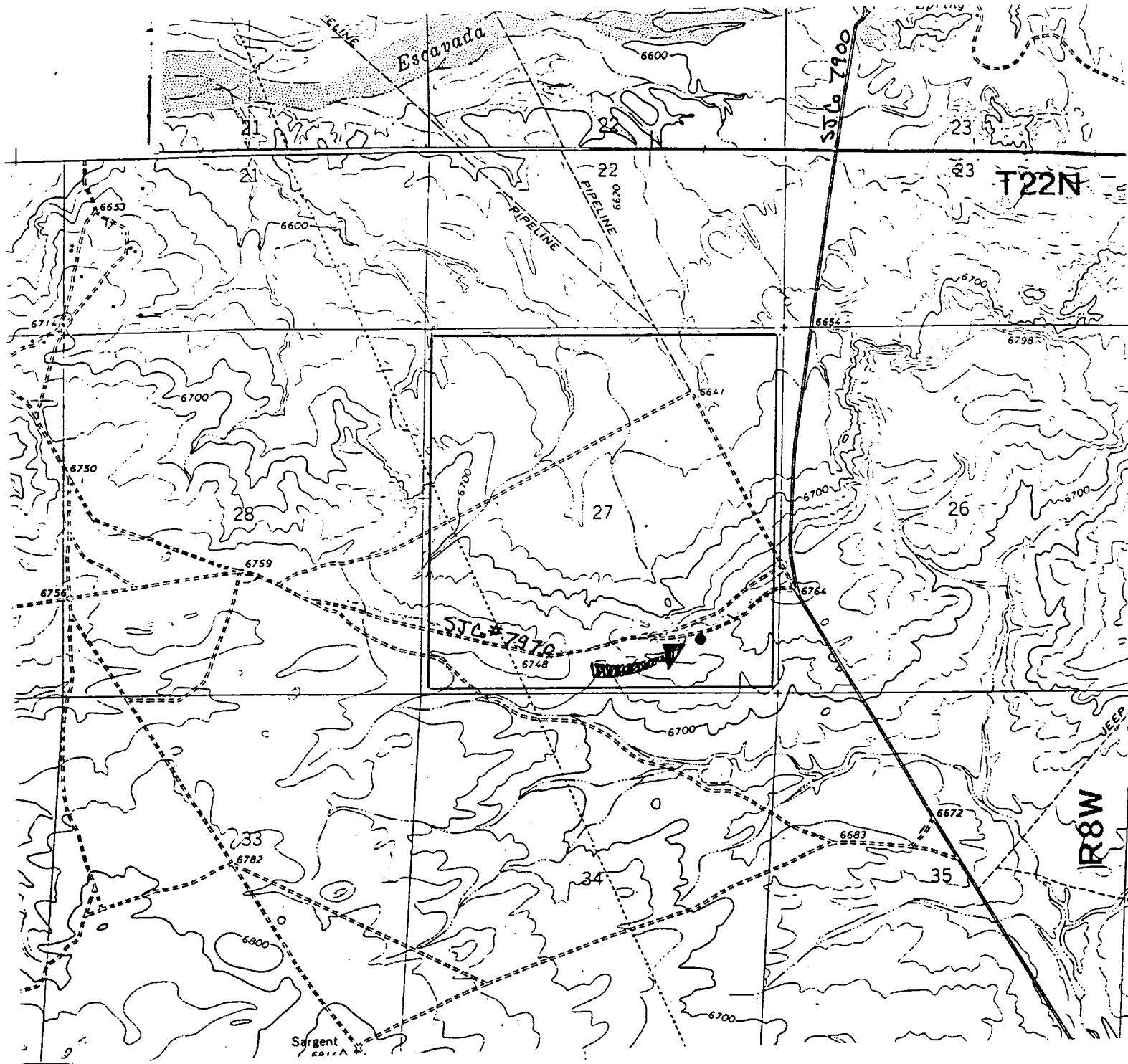
UL or lot no. P	Section 27	Township 22N	Range 8W	Lot Idn P	Feet from the 790	North/South line South	Feet from the 1190	East/West line East	County San Juan
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11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
12 Dedicated Acres 160					13 Joint or Infill		14 Consolidation Code		15 Order No.

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16				17 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 Vice-President Title 4/19/99 Date	
Section 27				18 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 belief. April 6, 1999 Date of Survey Signature and Seal of Professional Surveyor: EDGAR L. RISENHOVER NEW MEXICO 5979 Certification Number 5979	
Dugan Prod. NM 57445				1190' 790'	



Existing Roads

Exhibit E

Proximity of nearest town or reference pt.
Approx. 9.5 miles south of 44 Store, NM

Type of surface dirt

Conditions good

Other

Reference map: USGS map Fire Rock Well, NM 1966,
Lybrook SE, NM; Lybrook, NM & Lybrook NW, NM

DUGAN PRODUCTION CORP. - ZAPPA #3

Planned Access Road(s)

Exhibit E

Width 20' Maximum grades 1%

Drainage design as required

Cuts & Fills as required

Surfacing material none

☒ Turnouts

☒ Culverts

☒ Gates

☒ Cattleguards

☒ Fence cuts

☒ Waterbars

☒ Access Road &
Pipeline

Access road(s) do / do not cross Fed / Ind land.
No new access required