

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

FORM APPROVED  
OMB NO. 1004-0136  
Expires: February 28, 1995

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1A. TYPE OF WORK

DRILL ☒

DEEPEN ☐

58 JUN 19 PM 1:22

B. TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

OTHER

SINGLE ZONE ☒

MULTIPLE ZONE ☐

2. NAME OF OPERATOR

006515

DUGAN PRODUCTION CORP.

3. ADDRESS AND TELEPHONE NO.

P.O. Box 420, Farmington, NM 87499

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

At surface

1850' FSL & 1850' FEL (NW/4 SE/4)

At proposed prod. zone

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

Approx. 8.5 mi. N of Dzilh-na-o-dith-hle School

15. DISTANCE FROM PROPOSED\*

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

790'

16. NO. OF ACRES IN LEASE

320

17. NO. OF ACRES ASSIGNED TO THIS WELL

320

18. DISTANCE FROM PROPOSED LOCATION\* approx. 2020'

TO NEAREST WELL, DRILLING, COMPLETED, FROM P&A'd Huerfano #6

19. PROPOSED DEPTH

6755'

20. ROTARY OR CABLE TOOLS

Rotary

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

6238' GR (est)

22. APPROX. DATE WORK WILL START\*

ASAP

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	320'	254' of circ. to surface
7-7/8"	4-1/2"	10.5# & 11.6#	6755'	2326' of 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.

Plan to drill a 12-1/4" hole and set 320' 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 the Dakota formation. Plan to run IES and CDL logs. If determined productive, will run 4-1/2", 10.5# and 11.6#, J-55 casing with stage tool, selectively perforate, frac, clean out after frac and complete well.

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

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 geology and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

*Sherman E. Dugan*  
Sherman E. Dugan

TITLE Vice-President

DATE June 18, 1998

(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

DATE

7/10/98

\*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

RECEIVED  
BUREAU

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

200 JUN 19 PM 1:22

☐ AMENDED REPORT

# WELL LOCATION AND ACREAGE DEDICATION PLAT

1 APT Number 30-045-29639		2 Pool Code 71599		3 Pool Name Basin Dakota	
4 Property Code 23504		5 Property Name El Nino			6 Well Number 6E
7 OGRID No. 006515		8 Operator Name Dugan Production Corporation			9 Elevation 6238' Estimated

## 10 Surface Location

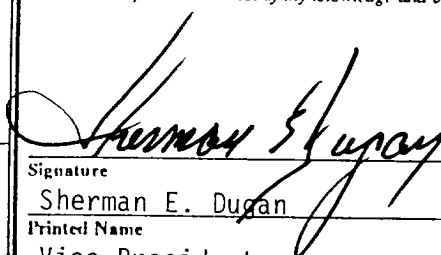

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
	11	26N	9W	J	1850	South	1850	East	San Juan

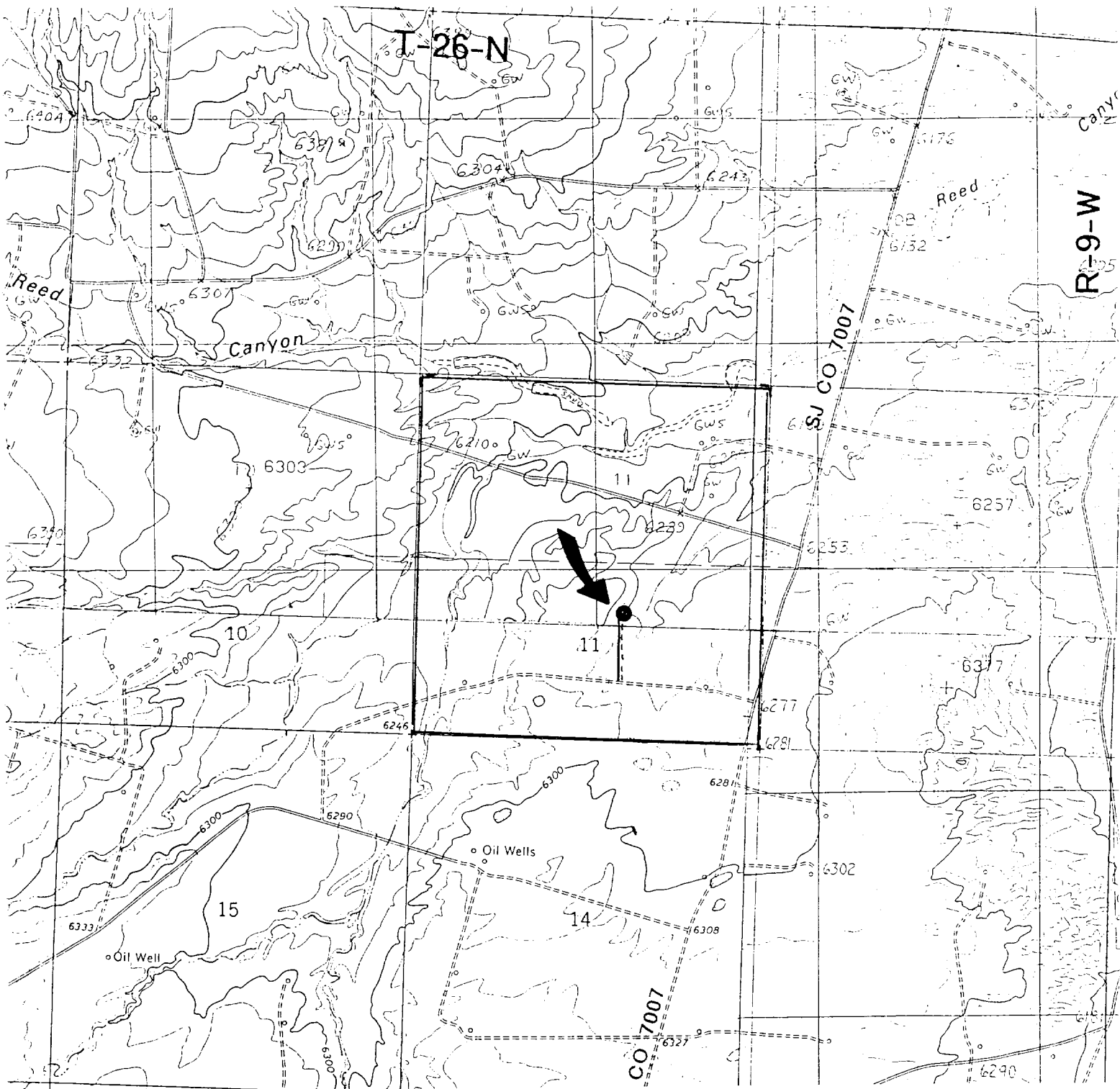
## 11 Bottom Hole Location If Different From Surface

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 320	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 June 18, 1998 Date	
Section 11					
Dugan NM 012737		1850'		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.  May 14, 1998 Date of Survey Signature and Seal  Certificate Number	
1850'					



### Existing Roads

### Exhibit E

Vicinity of nearest town or reference pt.  
 Approx. 8.5 mi N of Dzilh-na-o-dith-hle School

Type of surface dirt

Conditions good

Other

Reference map: USGS map Fresno Canyon NM1985;  
 Thompson Mesa NM1985; Huerfano Peak NM1985 &  
 Huerfano Trading Post NM

Dugan Production Corp. - El Nino #6E

### Planned Access Road(s)

### Exhibit E

Width 20' Maximum grades 2%

Drainage design as required

Cuts & Fills as required

Surfacing material none

☒ Turnouts

☒ Waterbars

☒ Culverts

☒ Gates

☒ Cattleguards

☒ Access Road &  
Pipeline

☒ Fence cuts

Access road(s) ☒ do ☐ do not cross ☒ Fed ☐ Ind land.