

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1A. TYPE OF WORK

DRILL ☒DEEPEN ☐ SEP - 2 AM 9:03

B. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒OTHER ☐SINGLE
ZONE ☒MULTIPLE
ZONES ☐

2. NAME OF OPERATOR

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

1450' FNL & 1450' FEL (SW/4 NE/4)

At proposed prod. zone

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

Approx. 5.5 mi SW of EPNG Chaco Plant, NM

15. DISTANCE FROM PROPOSED*

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

2050'

16. NO. OF ACRES IN LEASE

1760

17. NO. OF ACRES ASSIGNED
TO THIS WELL

N/320

19. DISTANCE FROM PROPOSED LOCATION* approx. 3462' from
TO NEAREST WELL, DRILLING, COMPLETED, DPC
OR APPLIED FOR, ON THIS LEASE, FT. Paul Revere #210

18. PROPOSED DEPTH

1410'

20. ROTARY OR CABLE TOOLS

Rotary

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

6162 GL (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
9-7/8"	7"	20#	120'	60 sx (71 cu.ft.) circ. to surf.
6-1/4"	4 1/2"	10.5#	1410'	165 sx (286 cu.ft.) circ. to surf.

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 the Fruitland Coal 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.

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"

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

TITLE

Vice President

DATE

(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:

/S/ Duane W. Spencer

Team Lead, Petroleum Management

FEB 18 1999

APPROVED BY

TITLE

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.

BIA/BOB

16				
			1450'	
		NM-17781 DPC	1450'	
	Section 22			
		RECEIVED FEB 22 1999 OIL CON. DIV. DIST. 3		

17 OPERATOR CERTIFICATION

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

Sherman E. Dugan

Signature _____
Sherman E. Dugan
Printed Name _____
Agent
Title _____
Date 8-28-98

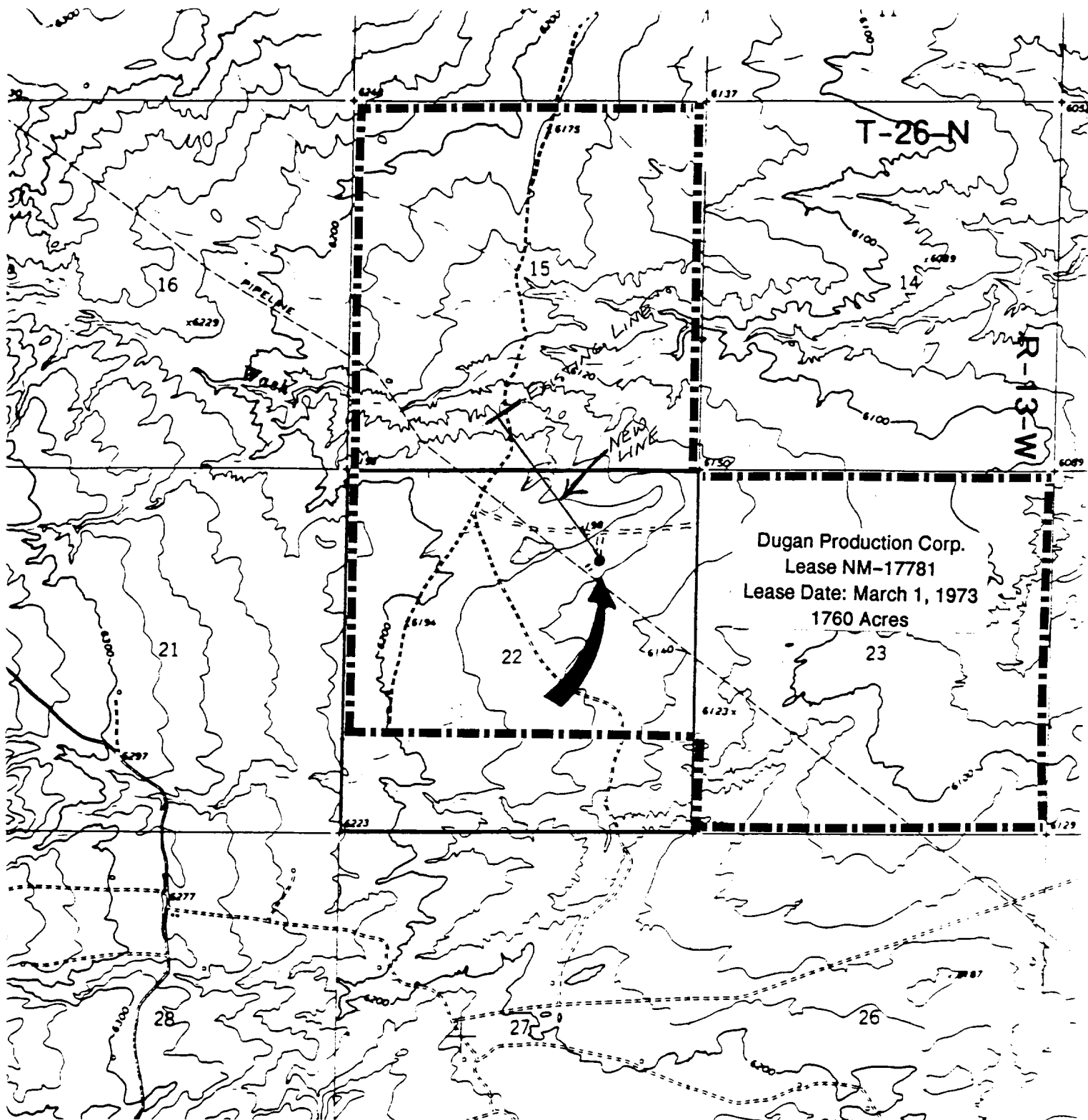
18 SURVEYOR CERTIFICATION

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.

Date of Survey August 23, 1990

Signature and Seal of Professional Surveyor: _____

Original signed by Edgar L. Risenhoover
Certificate Number #5979



Existing Roads Exhibit E
 Locality of nearest town or reference pt.
 Approx. 5.5 mi SW of EPNG Chaco Plant
 Type of surface dirt
 Conditions good
 Other _____
 Reference map: USGS map Moncisco Wash, NM 1966
DUGAN PRODUCTION CORP.

Planned Access Road(s) Exhibit E
 Width 20' Maximum grades 1%
 Drainage design as required
 Cuts & Fills as required
 Surfacing material none
☒ Turnouts ☒ Waterbars
☒ Culverts
☒ Gates
☒ Cattleguards
☒ Fence cuts
 Access Road & Pipeline
 Access road(s) do/do not cross Fed/Ind land.