

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1A. TYPE OF WORK

DRILL ☒

DEEPEN ☐

B. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER ☐

070 FARMINGTON, NM
ZONE ☒ MULTIPLE ZONE ☐

2. NAME OF OPERATOR

DUGAN PRODUCTION CORP. 6515

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

790' FNL & 550' FEL (NE/4 NE/4)
At proposed prod. zone

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

approx. 7 miles west of Nageezi, NM

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

550'

16. NO. OF ACRES IN LEASE

1080.32

17. NO. OF ACRES ASSIGNED
TO THIS WELL

80

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

N/A

19. PROPOSED DEPTH

4865'

20. ROTARY OR CABLE TOOLS

Rotary

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

6758' GL (est)

This section is subject to technical and
procedural review pursuant to 43 CFR 3165.3

and approval pursuant to 43 CFR 3165.4.
PROPOSED CASING AND CEMENTING PROGRAM

22. APPROX. DATE WORK WILL START*

ASAP

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	200'	159 cf circ. to surface
7-7/8"	4-1/2"	10.5#	4865'	1546 cf circ. to surface

Plan to drill a 12-1/4" hole and set 200' 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 Gallup formation. Plan to run IES and CDL logs. If determined productive,
will run 4-1/2", 10.5#, J-55 casing with stage tool, selectively perforate, frac,
clean out after frac and complete well.

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JUN 2 4 1993

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.

23.

SIGNED

Sherman E. Dugan
Sherman E. Dugan

TITLE Vice-President

DATE 6/4/93

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:

NMOCD

APPROVED
AS AMENDED

APPROVED BY

TITLE

DATE JUN 22 1993

*See Instructions On Reverse Side

DISTRICT MANAGER

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

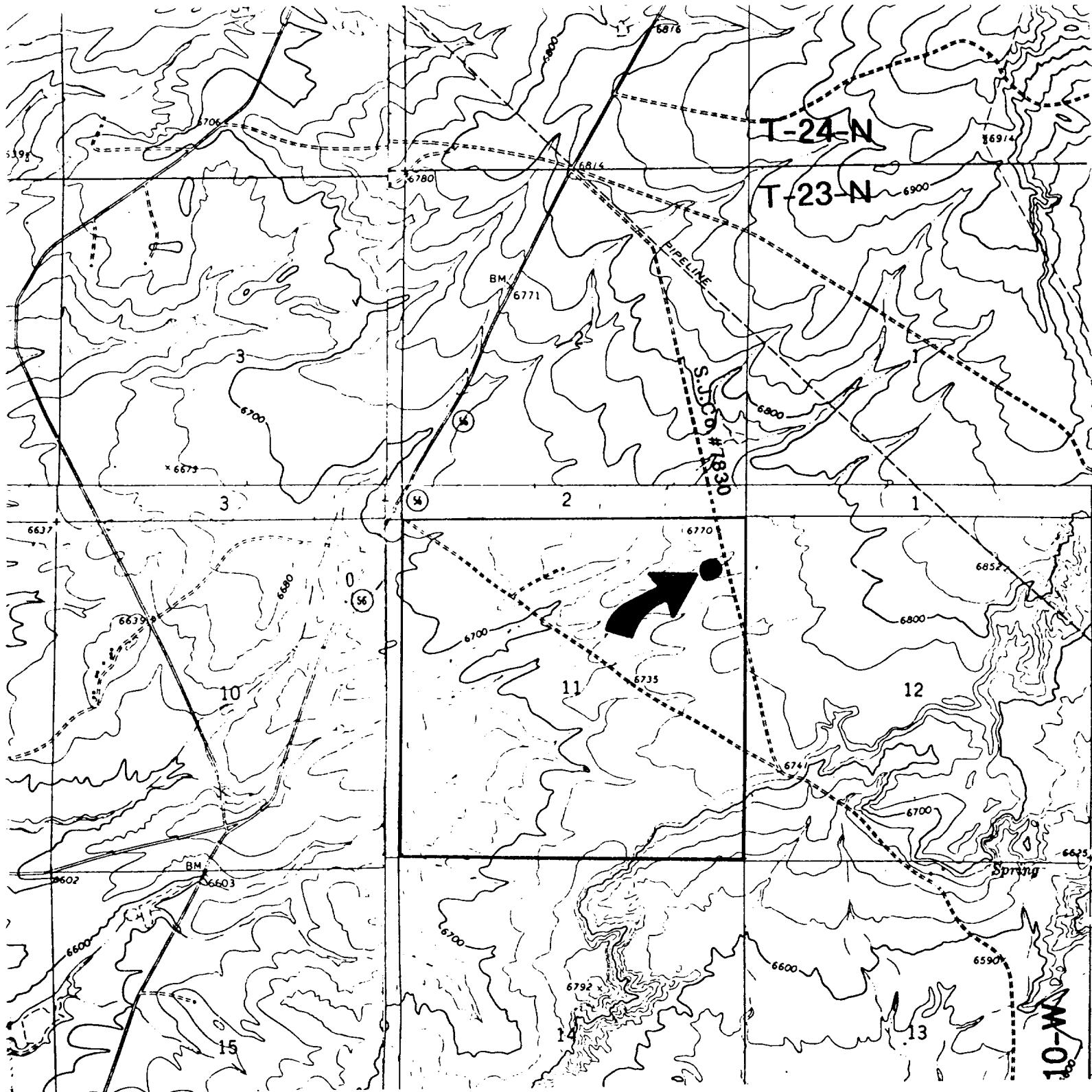
DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

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 Par		Well No. 1
Unit Letter A	Section 11	Township 23 North	Range 10 West	County San Juan	
Actual Footage Location of Well: 790 feet from the North line and 550 feet from the East line					
Ground level Elev. 6758 Est.	Producing Formation Gallup		Pool South Bisti Gallup		Dedicated Acreage: 80 Acres
<p>1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.</p> <p>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).</p> <p>3. 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.? <input type="checkbox"/> Yes <input type="checkbox"/> 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.</p>					
<p>Section 11</p>			OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature: <i>Sherman E. Dugan</i> Printed Name: Sherman E. Dugan Position: Vice-President Company: Dugan Production Corp. Date: 6/4/93		
			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: May 20, 1993 Signature & Seal of Professional Surveyor: <i>Edgar L. Risenhoyer</i> Certificate No. 5979 Edgar L. Risenhoyer, P.S.		



Existing Roads

Exhibit E

Planned Access Road(s)

Exhibit E

Vicinity of nearest town or reference pt.
APPROX. 7 MILES WEST OF NAGEEZI, NM

Type of surface dirt

Conditions good

Other _____

Reference map: USGS map Huerfano Trading
Post SW 1966; Pueblo Bonito NW 1966;

Blanco Trading Post, NM 1966; Kimbeto,

Width _____ Maximum grades _____

Drainage design _____

Cuts & Fills _____

Surfacing material _____

↳ Turnouts

↳ Culverts

↳ Gates

↳ Cattleguards

↳ Fence cuts

↳ Waterbars

NO ACCESS ROAD
REQUIRED

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