

5- BLM
1- File

SUBMIT IN TRIPPLICATE*
(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 42-R1425.

30-045-28372 ✓

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

1 - NIIP

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐

GAS
WELL ☒

OTHER

SINGLE
ZONE ☒

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

DUGAN PRODUCTION CORP. 6515

3. ADDRESS OF OPERATOR

P.O. Box 420, Farmington, NM 87499

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

930' FNL & 1815' FEL

At proposed prod. zone

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

approx. 1/4 mile northwest of EPNG Chaco Plant, New Mexico

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

930'

16. NO. OF ACRES IN LEASE

320

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

18. DISTANCE FROM PROPOSED LOCATION* approx. 3560'
TO NEAREST WELL, DRILLING, COMPLETED
OR APPLIED FOR, ON THIS LEASE, FT. from DPC's Chaco

19. PROPOSED DEPTH

1230'

20. ROTARY OR CABLE TOOLS

Rotary

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

6010' GL This action is subject to technical and

procedural review pursuant to 43 CFR 3185.3

23. PROPOSED CASING AND CEMENTING PROGRAM

and appeal pursuant to 43 CFR 3185.3

22. APPROX. DATE WORK WILL START*

ASAP

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9-7/8"	7"	20#	90'	40 sx (48 cu.ft.) circ. to surface
6-1/4"	4-1/2"	10.5#	1230'	110 sx (186 cu.ft.) circ. to surf.

Plan to drill a 9-7/8" hole and set 90' 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 Pictured Cliffs 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.

RECEIVED
OCT 25 1990
OIL CON. DIV.
DIST. 3

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, 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.

SIGNED Sherman E. Dugan TITLE Vice-President

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

NMOCD

*See Instructions On Reverse Side

5. LEASE DESIGNATION AND SERIAL NO.
NM 12027

6. INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Chaco Plant

9. WELL NO.

90

10. FIELD AND POOL, OR WELDCAT
WAW FR Sand Pictured Cliffs

11. SEC. T., R., M., OR B.L.
AND SURVEY 92 AREA

Sec. 17, T26N, R12W, NMPM

12. COUNTY OR PARISH 13. STATE

Santa Juan NM

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

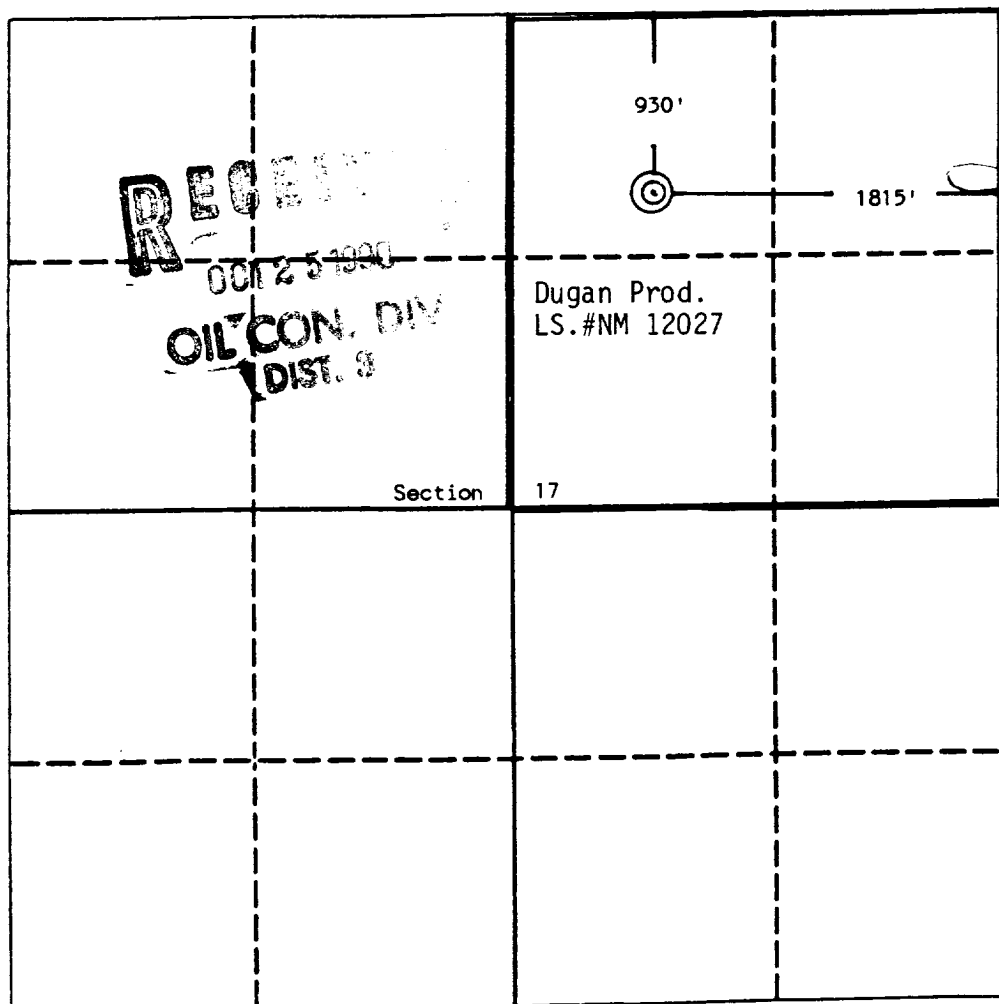
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Dugan Production Corporation			Lease Chaco Plant		Well No. 90
Unit Letter B	Section 17	Township 26 North	Range 12 West	County San Juan	
Actual Footage Location of Well: 930 feet from the North line and 1815 feet from the East line					
Ground level Elev. 6010	Producing Formation Pictured Cliffs	Pool WAW FR Sand Pictured Cliffs		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

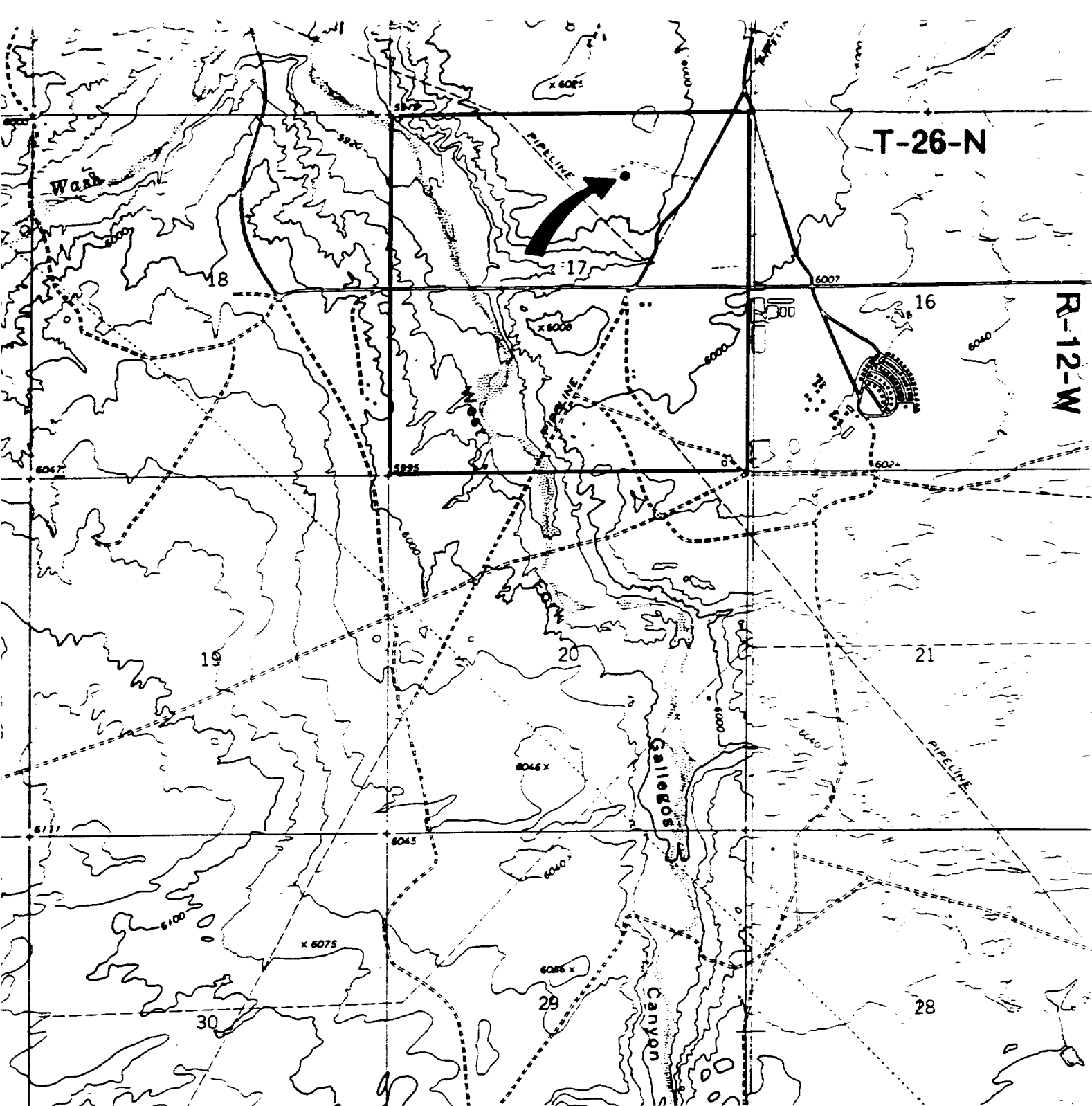
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature
Sherman E. Dugan
Printed Name
Sherman E. Dugan
Position
Vice President
Company
Dugan Production Corp.
Date
8-16-90

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
August 10, 1990
Signature & Seal of
Professional Surveyor
EDGAR L. RISENHOOVER
Certificate No. 5949
Edgar L. Risenhoover



Existing Roads

Exhibit E

Vicinity of nearest town or reference pt.
approx. ¼ mile northwest of EPNG Chaco Plant

Type of surface dirt

Conditions good

Other _____

Reference map: USGS map
Carson Trading Post

Planned Access Road(s)

Exhibit E

Width _____ Maximum grades _____

Drainage design _____

Cuts & Fills _____

Surfacing material _____

Turnouts

Culverts

Gates

Cattleguards

Fence cuts

Waterbars

NO NEW ROAD
REQUIRED

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