

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYRECEIVED
BLM

30-045-28806

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 ☐

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

2510' FSL & 1850' FWL

At proposed prod. zone

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

approx. 5 miles SW of EPNG's Chaco Plant

15. DISTANCE FROM PROPOSED*

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

130'

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

N/A

16. NO. OF ACRES IN LEASE

160

17. NO. OF ACRES ASSIGNED
TO THIS WELL

1620 308.44

19. PROPOSED DEPTH

1430'

20. ROTARY OR CABLE TOOLS

Rotary

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

6362' est. G.L. This action is subject to technical and
procedural review pursuant to 43 CFR 3165.3

22. APPROX. DATE WORK WILL START*

ASAP

23. PROPOSED DRILLING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9-7/8"	7"	20#	90' 120'	40 sx (48 cu.ft.) circ. to surf.
6-1/4"	4 1/2"	10.5#	1430'	130 sx (223 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 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.

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OCT 27 1992

OIL CON. DIV.
DIST. 8

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.

24.

SIGNED

Sherman E. Dugan

TITLE

Vice-President

DATE

5-27-92

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

NMOCD

APPROVED
AS AMENDED

OCT 28 1992

AREA MANAGER

*See Instructions On Reverse Side

Submit in 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

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92 JUN -5 AM 8:03

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

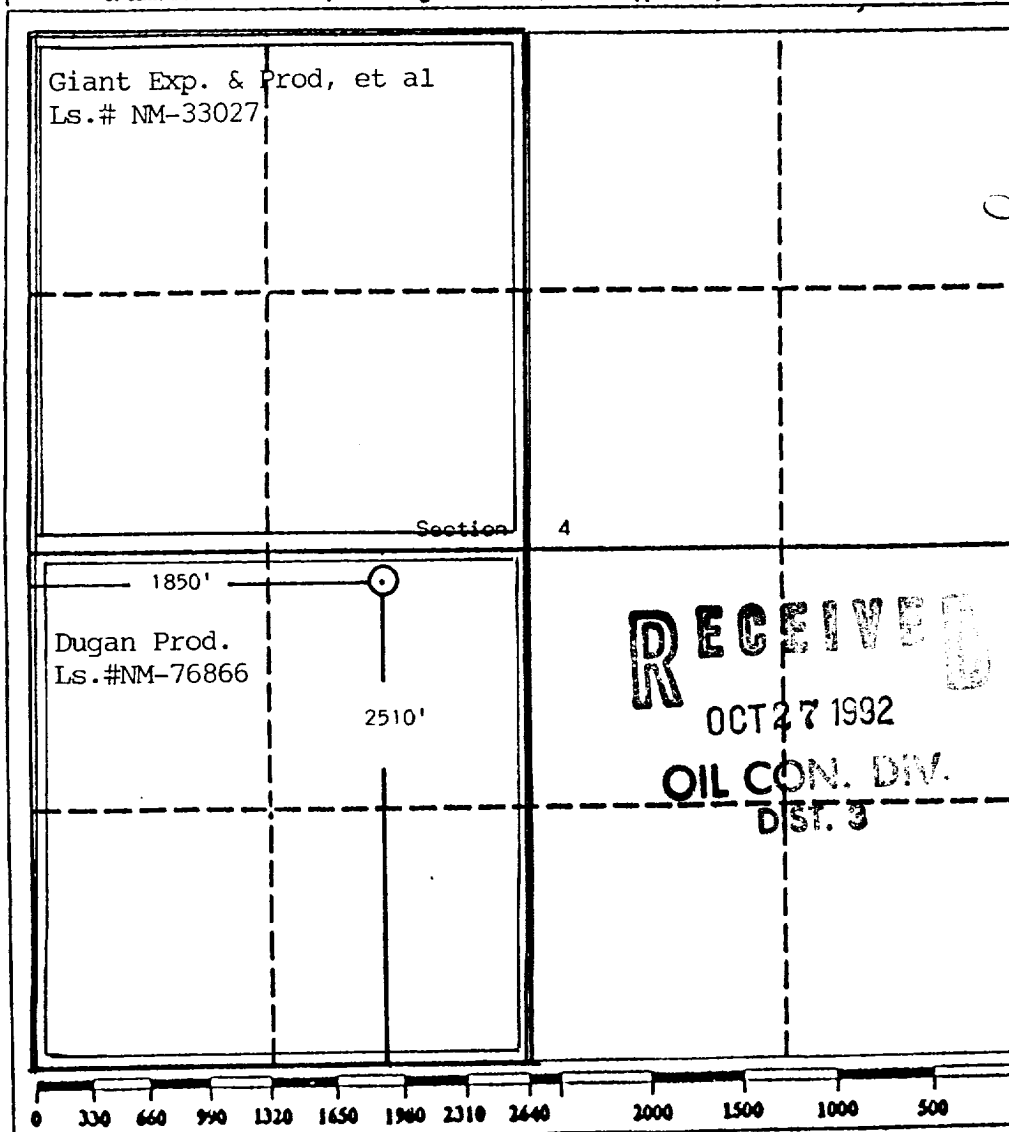
019 FARMINGTON, N.M.

Operator Dugan Production Corporation			Lease Alamo Com		Well No. 90
Unit Letter K	Section 4	Township 25 North	Range 13 West	County San Juan	

Actual Footage Location of Well:

2510 feet from the South line and 1850 feet from the West line	Ground level Elev. 6362 Est	Producing Formation Fruitland Coal	Pool Basin Fruitland Coal	Dedicated Acreage: 320 309.44 Acres
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1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
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).
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.?
☒ Yes ☐ No If answer is "yes" type of consolidation communitized
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

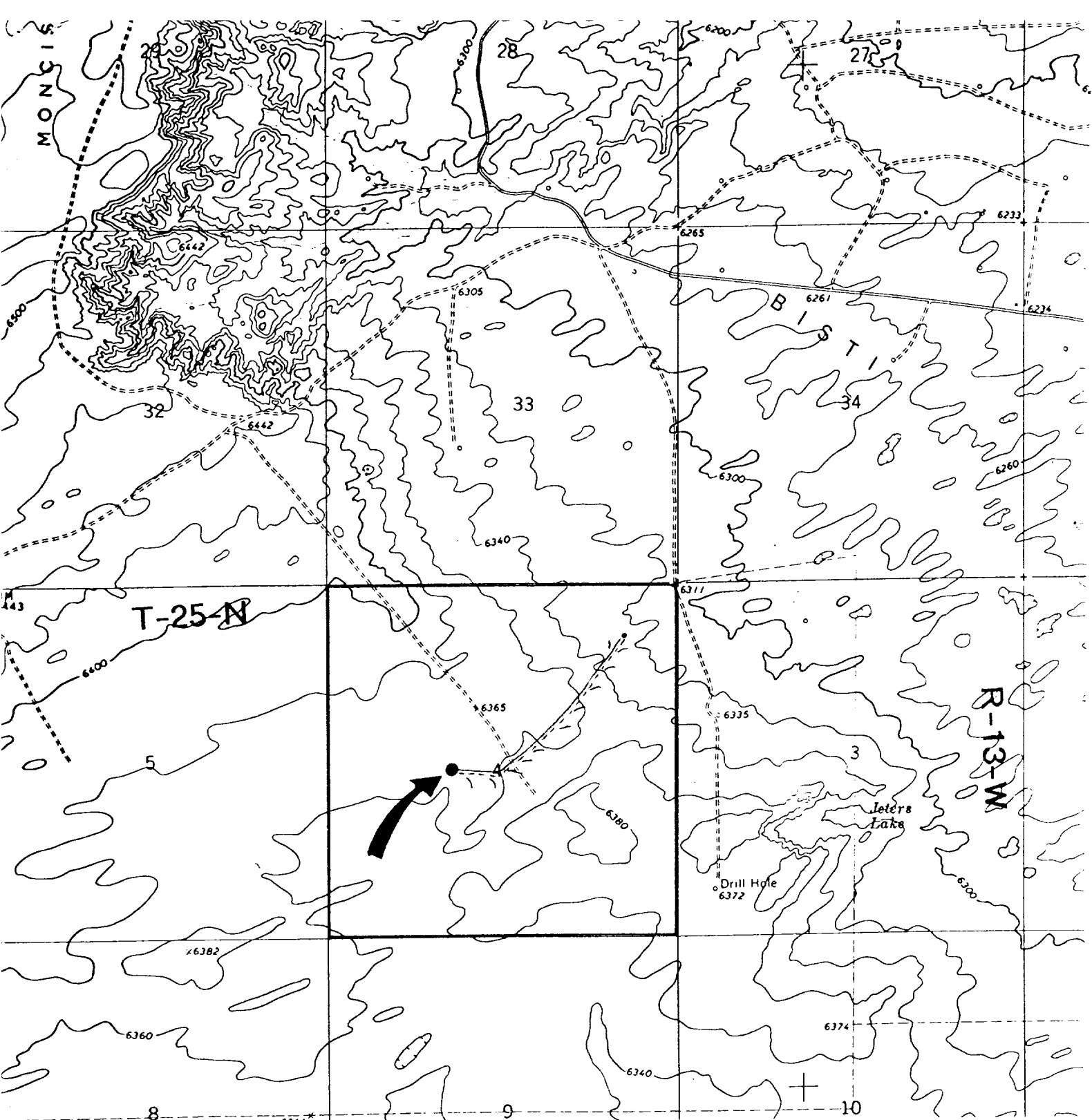
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature
Sherman E. Dugan
Printed Name
Sherman E. Dugan
Position
Vice-President
Company
Dugan Production Corp.
Date
5-27-92

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 8, 1992
Signature & Seal of Professional Surveyor
Edgar L. Risenhoover
Certification No. 5979
Edgar L. Risenhoover, P.S.



Existing Roads

Exhibit E

Vicinity of nearest town or reference pt.
approx. 5 miles SW of EPNG's Chaco Plant

Type of surface dirt

Conditions good

Other _____

Reference map: USGS map Moncisco Wash,
NM 1966/1978

Planned Access Road(s)

Exhibit E

Width 20' Maximum grades 4%

Drainage design as required

Cuts & Fills as required

Surfacing material none

Turnouts

Culverts

Gates

Cattleguards

Fence cuts

Waterbars

pipeline & access
road

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