

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY(Other instructions on
reverse side)

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

2. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

3. NAME OF OPERATOR

DUGAN PRODUCTION CORP.

4. ADDRESS OF OPERATOR

P.O. Box 420, Farmington, NM 87499

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

At surface

660' FSL & 1980' FWL

At proposed prod. zone

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

Approx. 7 miles SW of Blanco Trading Post, NM

7. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT. 990'

(Also to nearest drig. unit line, if any)

8. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT. N/A

9. NO. OF ACRES IN LEASE

1821.120

10. NO. OF ACRES ASSIGNED
TO THIS WELL

40

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

6662' GL

This action is subject to technical and

12. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	GENERAL QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	200'	159 c.f. circ. to surface
7-7/8"	4-1/2"	10.5#	5035'	1604 c.f. 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.

RECEIVED

OCT 9 1990

OIL CON. 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.

24.

SIGNED

Sherman E. Dugan

TITLE Vice-President

DATE 9-17-90

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

Submit to Appropriate
District Office
Rate 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 1900, Hobbs, NM 88240

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

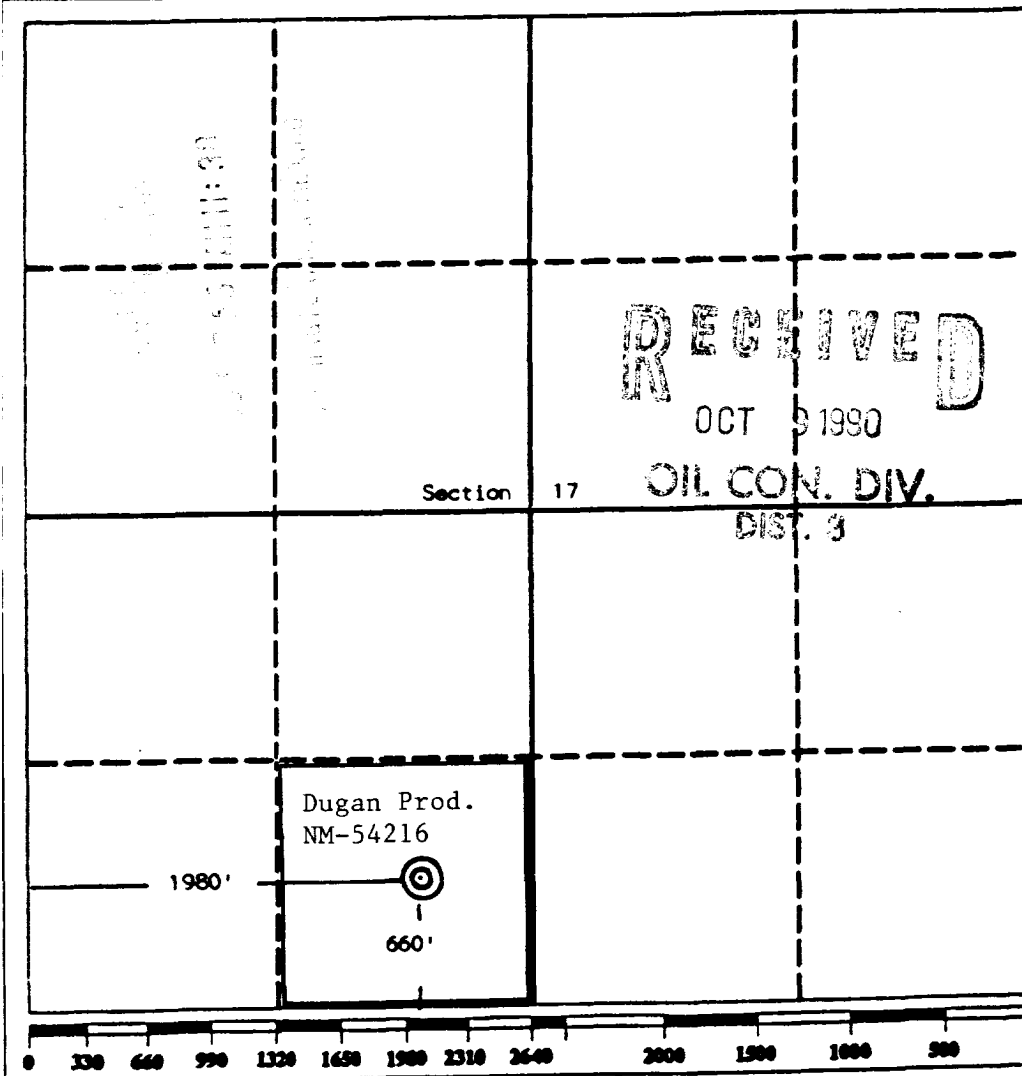
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Dugan Production Corporation			Lease Henson		Well No. 1
Unit Letter N	Section 17	Township 24 North	Range 10 West	County NMNM	San Juan
Actual Footage Location of Well: 660 feet from the South line and 1980 feet from the West line					
Ground level Elev. 6662	Producing Formation Gallup	Pool Wildcat Gallup	Dedicated Acreage: 40 Acres		

- Outline the acreage dedicated to the subject well by colored pencil or hatch 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: 9-17-90

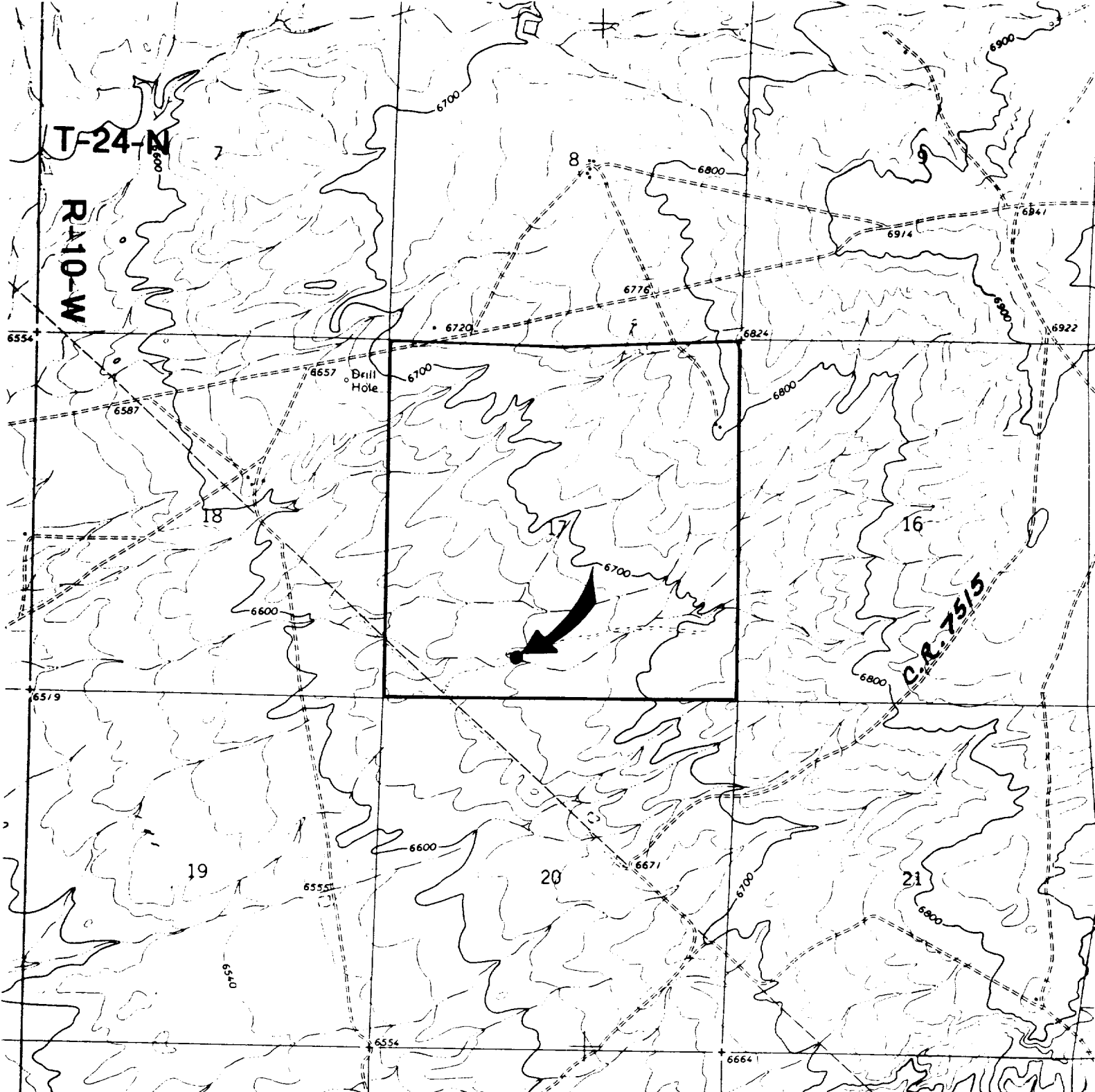
SURVEYOR CERTIFICATION

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 25, 1990

Signature & Seal of Professional Surveyor

Signature: *Edgar L. Risenhoover*
Seal: EDGAR L. RISENHOOVER, NEW MEXICO, 5979
Certificate No.: 5979
Name: Edgar L. Risenhoover



DUGAN PRODUCTION CORP. - HENSON #1

Existing Roads

Exhibit E

Vicinity of nearest town or reference pt.
Approx. 7 miles SW of Blanco Trading Post

Type of surface dirt

Conditions good

Other _____

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

Planned Access Road(s)

Exhibit E

Width 20' Maximum grades 2%

Drainage design as required

Cuts & Fills see diagram

Surfacing material none

Turnouts

Waterbars

Culverts

Gates

Cattleguards

Fence cuts

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