Form 9-331 C
(May 1963)

6 BLM
1 File
- Tribal Trust
- Working Interest Owners

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-045-25662

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.: SF-078156-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL: OIL WELL [ ] GAS WELL [X] OTHER — SINGLE ZONE [X] MULTIPLE ZONE [ ]

8. FARM OR LEASE NAME: Cisco Com (13649)

2. NAME OF OPERATOR: DUGAN PRODUCTION CORP. 6515

9. WELL NO.: 90

3. ADDRESS OF OPERATOR: P.O. Box 420, Farmington, NM 87499

10. FIELD AND POOL, OR WILDCAT: Basin Fruitland Coal (71629)

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: 1450' FSL & 840' FWL
At proposed prod. zone:

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec.3,T25N,R13W,NMPM

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: Approx. 7 miles SW of EPNG Chaco Plant, NM

12. COUNTY OR PARISH: San Juan

13. STATE: NM

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)	16. NO. OF ACRES IN LEASE	17. NO. OF ACRES ASSIGNED TO THIS WELL
180'	399.55	W/320 319.55
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	**19. PROPOSED DEPTH**	**20. ROTARY OR CABLE TOOLS**
---	1510'	Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 6381' GL

This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.

22. APPROX. DATE WORK WILL START*: ASAP

DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS".

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9-7/8"	7"	20#	90'	40 sx (48 cf) circ. to surface
6-1/4"	4½"	10.5#	1510'	130 sx (229 cf) circ. to surface

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 4½", 10.5#, J-55 casing, selectively perforate, frac, clean out after frac and complete well.

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DIST. 3

~~*Previously submitted as Salge #90.~~

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 (Sherman E. Dugan) TITLE Vice-President DATE 9-11-90

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED AS AMENDED
APR 17 1992
AREA MANAGER

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Hold C-104 for C/A

NMOCD

*See Instructions On Reverse Side

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DIST. 3

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator	Lease	Well No.
Dugan Production Corporation	Cisco Com	90

Unit Letter	Section	Township	Range	County
L	3	25 North	13 West NMPM	San Juan

Actual Footage Location of Well:
1450 feet from the South line and 840 feet from the West line

Ground level Elev.	Producing Formation	Pool	Dedicated Acreage:
6381	Fruitland Coal	Basin Fruitland Coal	~~320~~ 317.55 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

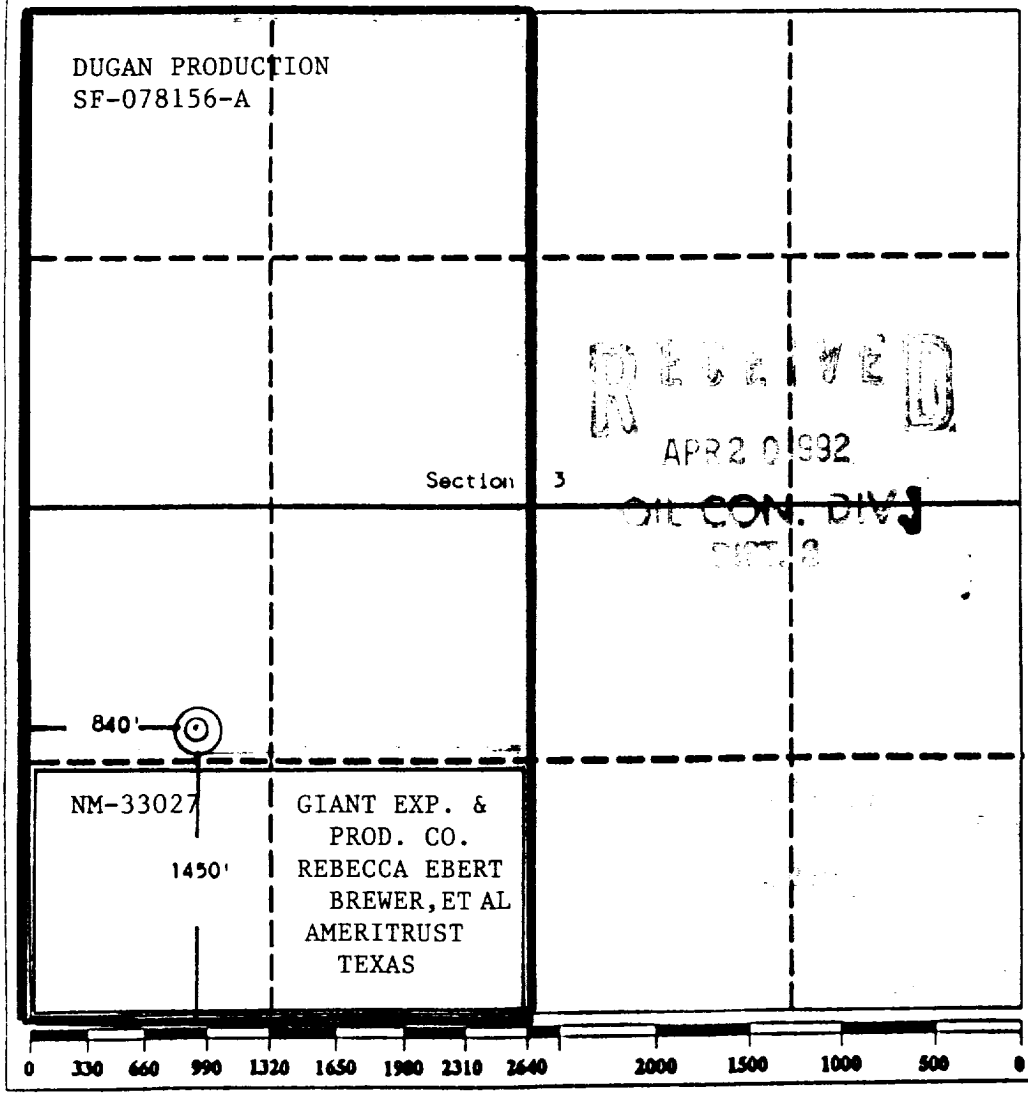
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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.?

[X] Yes [ ] No If answer is "yes" type of consolidation Will be 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.



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DIST. 3

OPERATOR CERTIFICATION

I hereby certify that the information contained herein in 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: 9-11-90

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 supervison, and that the same is true and correct to the best of my knowledge and belief.

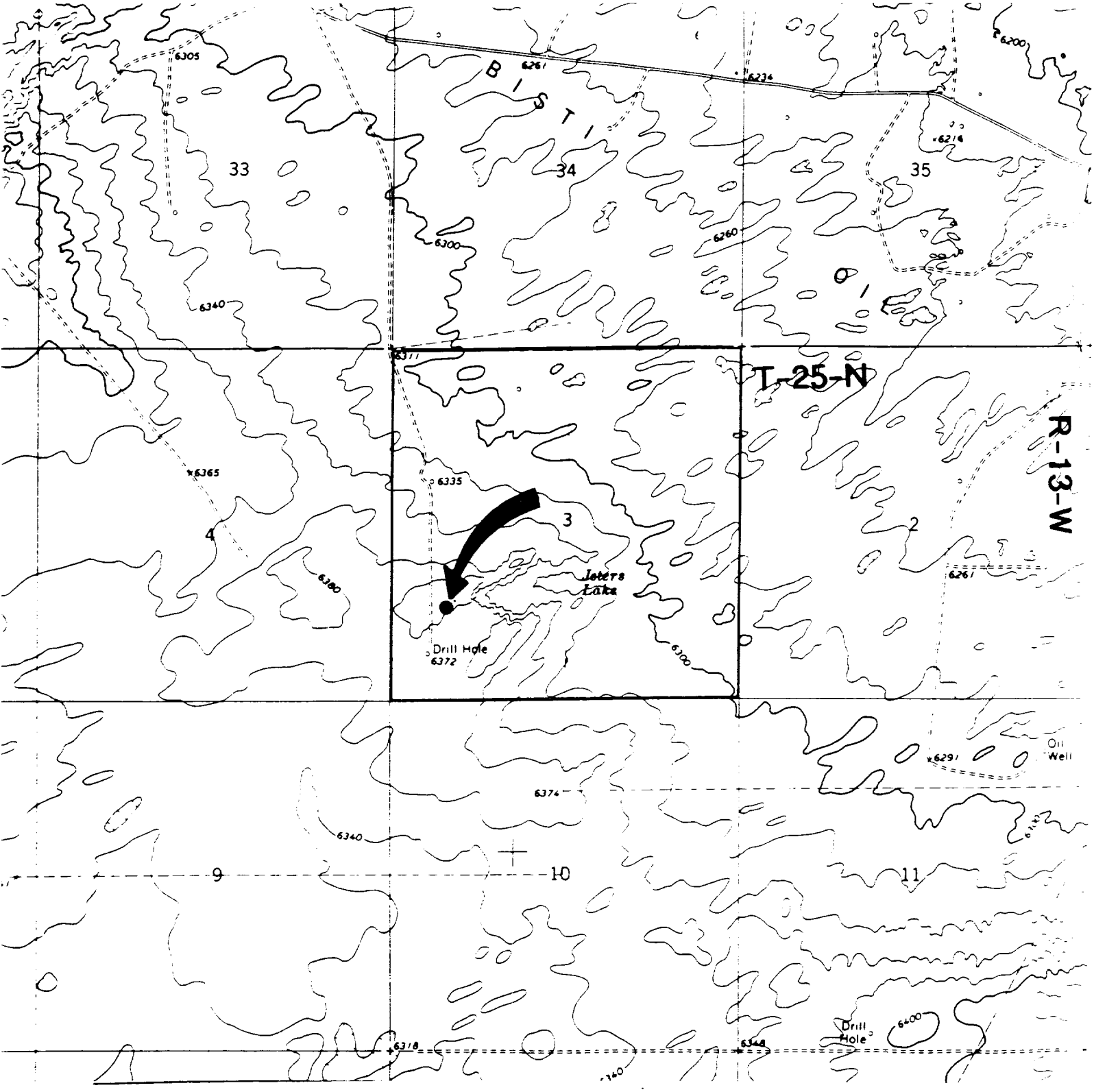
Date Surveyed: August 30, 1990

Signature & Seal of Professional Surveyor:

EDGAR L. RISENHOOVER
NEW MEXICO
5979
SURVEYED LAND

Certificate No. 5979

Edgar L. Risenhoover, P.S.



DUGAN PRODUCTION CORP. - CISCO COM #90

Existing Roads — Exhibit E

Vicinity of nearest town or reference pt.
Approx. 7 miles SW of EPNG Chaco Plant

Type of surface dirt

Conditions good

Other

Reference map USGS map
Moncisco Wash, N. Mex, 1966

Planned Access Road(s) — Exhibit E

Width _____ **Maximum grades** _____
Drainage design _____
Cuts & Fills _____
Surfacing material _____

- Turnouts
- Culverts
- Waterbars
- Gates
- Cattleguards
- Fence cuts

NO NEW ACCESS ROAD REQUIRED

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