

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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.

3. ADDRESS OF OPERATOR

P O Box 208, Farmington, NM 87499

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

At surface

1980' FSL - 660' FEL

At proposed prod. zone

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

8 1/2 miles SW from Blanco Trading Post

15. DISTANCE FROM PROPOSED*

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

660' FEL

16. NO. OF ACRES IN LEASE

320

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.1 mile North
Sec 34
proposed Gold Medal

19. PROPOSED DEPTH

4920'

20. ROTARY OR CABLE TOOLS

Rotary

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

6723' GL

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED

22. APPROX. DATE WORK WILL START*

ASAP

23.

PROPOSED CASING MEASUREMENTS
GENERAL REQUIREMENTSThis action is subject to administrative
appeal pursuant to 30 CFR 290.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	200'	147 cf circulated to surface
7-7/8"	4-1/2"	10.5#	4920'	1939 cf circulated to surface

Plan to drill a 12-1/4" hole and set 200' of 8-5/8" OD, 24#, K-55 surface casing; then plan to drill 7-7/8" hole to total depth with gel-water-mud program to test Gallup formation. Plan to run IES and CDL logs. If deemed productive, will run 4-1/2" 10.5#, J-55 casing, selectively perforate, frac, clean out after frac, and complete well.

RECEIVED
JUN 18 1984
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.

24.

SIGNED

Sherman E. Dugan
Sherman E. Dugan

TITLE

Geologist

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

dt

*See Instructions On Reverse Side

(SGD.) MATHEW N. MILLENBACH
AREA MANAGER
FARMINGTON RESOURCE AREA

AMOC

30-645-26007

5. LEASE DESIGNATION AND SERIAL NO.

NM-23744

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Olympic

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Undesignated Gallup

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

I Sec. 3 T23N R10W, NMPM

12. COUNTY OR PARISH

San Juan

13. STATE

NM

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-102
Revised 10-1-78

All distances must be from the outer boundaries of the Section.

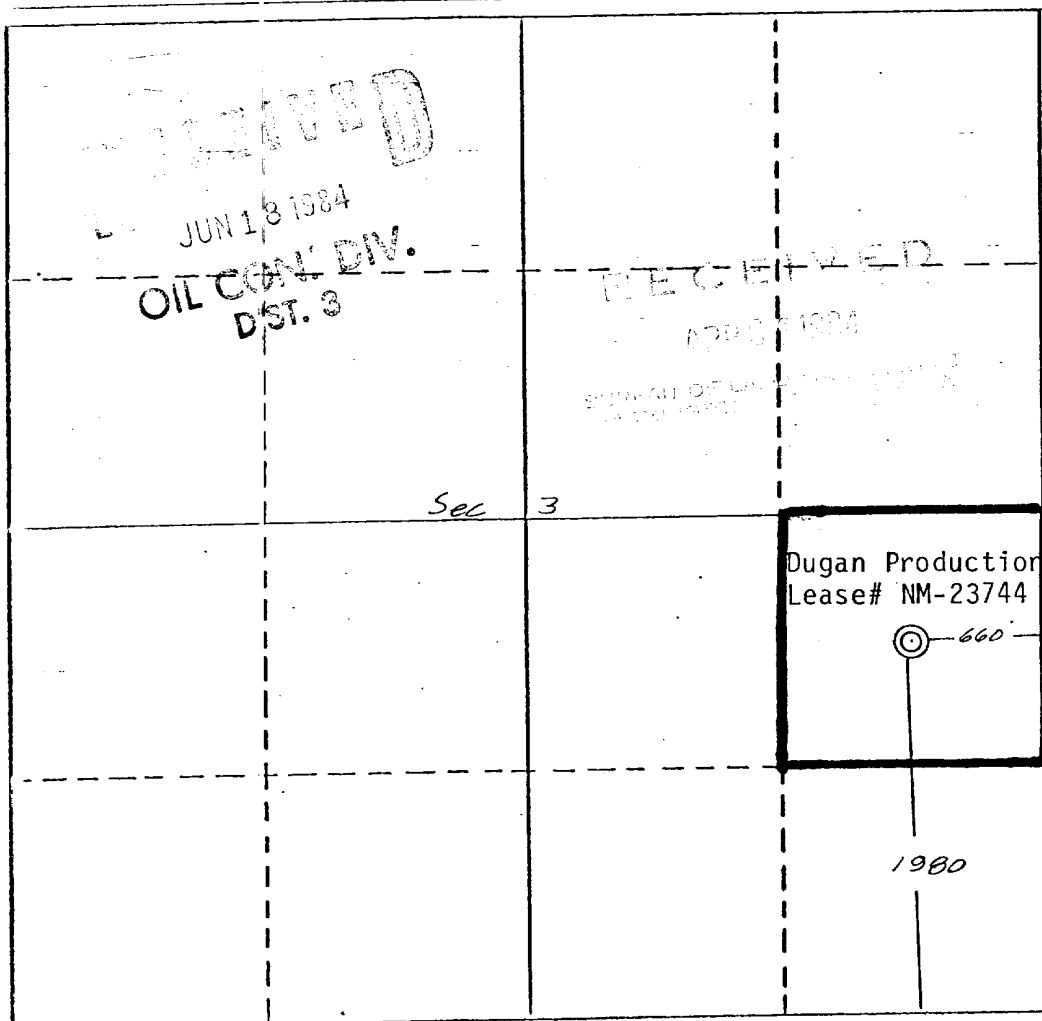
Operator Dugan Production Corporation			Lease Olympic		Well No. 1
Unit Letter I	Section 3	Township 23 North	Range 10 West	County San Juan	
Actual Footage Location of Well: 1980 feet from the South line and 660 feet from the East line					
Ground Level Elev. 6723	Producing Formation Gallup		Pool Undesignated Gallup		Dedicated Acreage: 40.0 Acres

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 interests 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 interests, has been approved by the Division.



CERTIFICATION

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

Sherman E. Dugan

Name

Sherman E. Dugan

Position

Geologist

Company

Dugan Production Corp.

Date

4-26-84

I hereby certify that the well location shown on this plat was taken from field notes and is made by me or under my supervision and that the same is correct to the best of my knowledge.

Date Surveyed

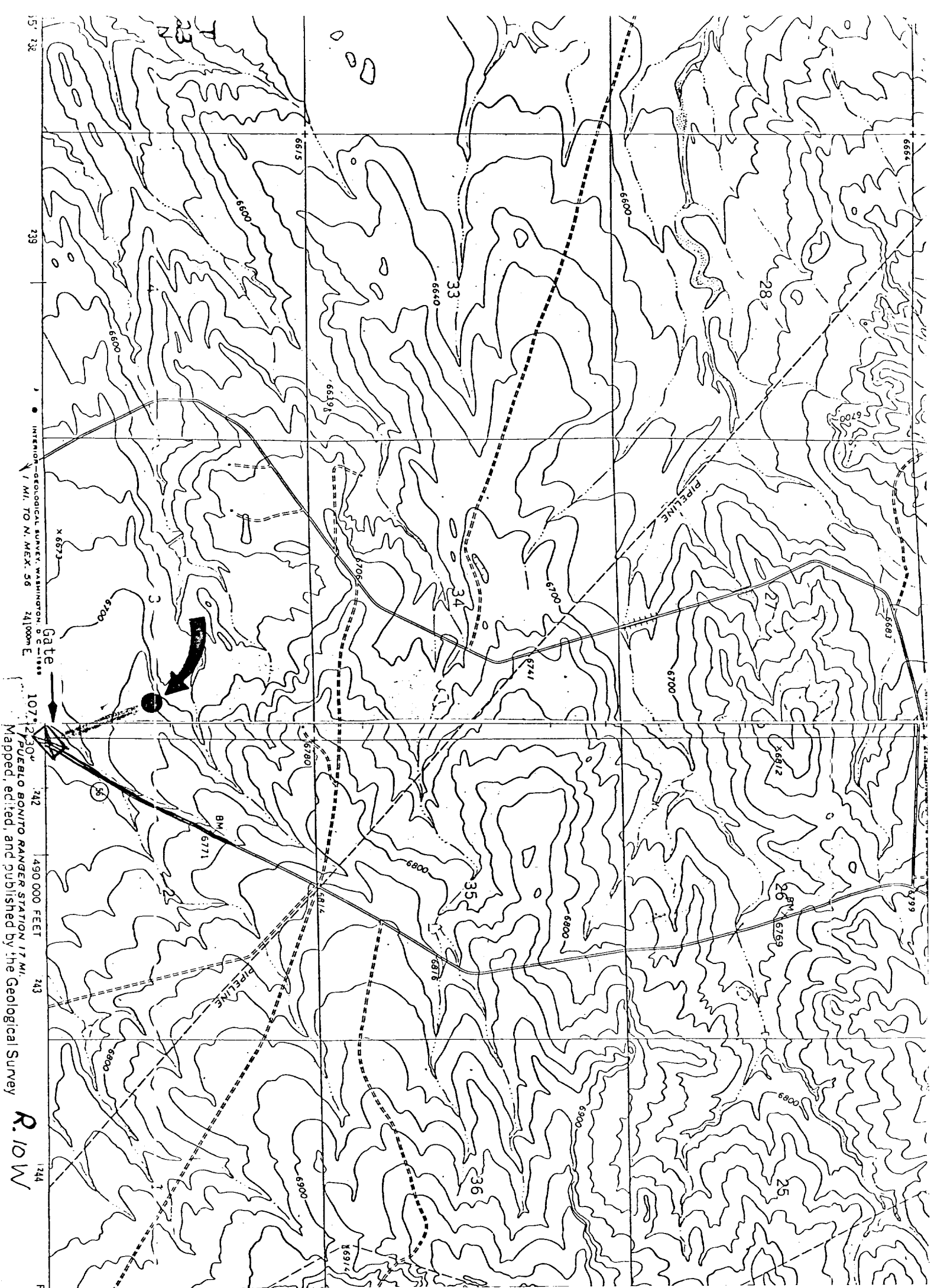
April 6, 1984

Registered Professional Engineer
and/or Land Surveyor

Edgar L. Risenhoover

Certificate No. 5979

Edgar L. Risenhoover, L.S.



DUGAN PRODUCTION - Olympic #1
Existing Roads

Exhibit E

Distance from nearest town or reference pt.
8½ miles to Blanco Trading Post

Type of surface Dirt

Conditions Excellent

Other _____

DUGAN PRODUCTION - Olympic #1
Planned Access Road(s)

Exhibit E

Width 20' Maximum grades 3%

Drainage design None required

Cuts & Fills None required

Surfacing material On site

Turnouts

Culverts None

Gates

Cattleguards None

Fence cuts None