

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

1510' FSL - 1070' FEL

At proposed prod. zone

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

approximately 2 miles NE of Nageezi, NM

## 15. DISTANCE FROM PROPOSED\*

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

1070'

## 16. NO. OF ACRES IN LEASE

320

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

160

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.approx. 4000' SW  
of DPG's  
Adobe "A" #1

## 19. PROPOSED DEPTH

1875'

## 20. ROTARY OR CABLE TOOLS

Rotary

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

6905' GL

DRILLING OPERATIONS AUTHORIZED ARE

SUBJECT TO COMPLIANCE WITH ATTACHED  
"GENERAL REQUIREMENTS".

## 22. APPROX. DATE WORK WILL START\*

ASAP

## 23. PROPOSED CASING AND CEMENTING PROGRAM

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

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH |
|--------------|----------------|-----------------|---------------|
| 8-3/4"       | 7"             | 23#             | 90'           |
| 5-1/8"       | 2-7/8"         | 6.5#            | 1875'         |

27 cf circ. to surface  
349 cf circ. to surface

Plan to drill with as little mud as possible, using the slim-hole technique to test the Pictured Cliffs formation. Plan to run IES log and if the well appears productive, will set 2-7/8" casing, cemented to surface. Will selectively perforate, possibly frac, and clean out after frac.

Gas is not dedicated.

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 Geologist  
(This space for Federal or State office use)

DATE 9-2-86

PERMIT NO.

APPROVAL DATE

TITLE

DATE

Approval of  
CONDITIONS OF APPROVAL, IF ANY:  
not warranted

NMOCC

\*See Instructions On Reverse Side

FOR

/s/ J. Stan McKee  
AREA MANAGER

## OIL CONSERVATION DIVISION

STATE OF NEW MEXICO

P. O. BOX 2088

Form C-102  
Revised 10-1-78

ENERGY AND MINERALS DEPARTMENT

SANTA FE, NEW MEXICO 87501

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

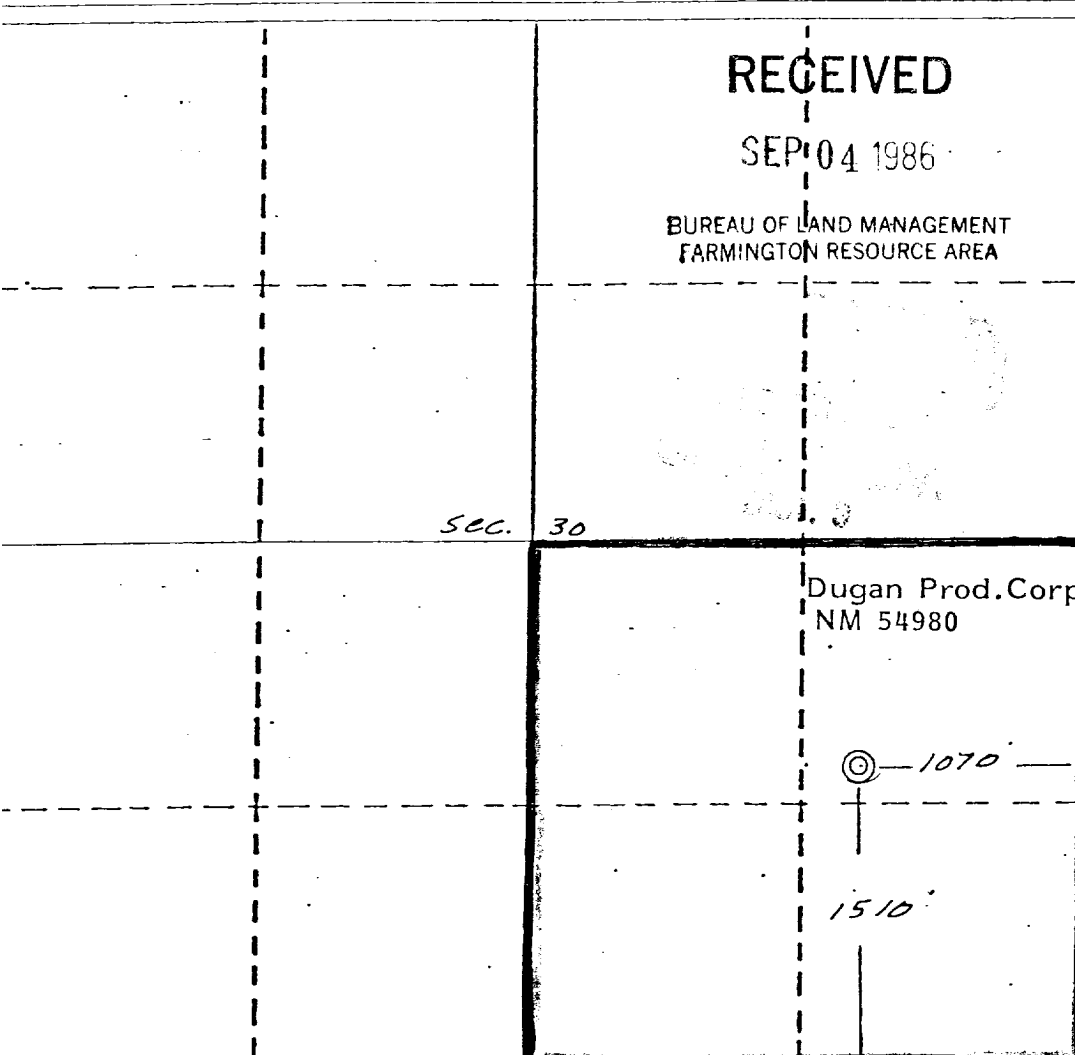
|  |  |                      |                         |                    |  |                                 |  |  |
|--|--|----------------------|-------------------------|--------------------|--|---------------------------------|--|--|
| Operator<br>Dugan Production Corporation   |  |                      | Lease<br>Buddha Temple  |                    |  | Well No.<br>1                   |  |  |
| Section Letter<br>I  | Section<br>30                          | Township<br>24 North | Range<br>8 West         | County<br>San Juan |  |                                 |  |  |
| Actual Footage Location of Well:<br>1510 feet from the South line and 1070 feet from the East line |  |                      |                         |                    |  |                                 |  |  |
| Ground Level Elev.<br>6905   | Producing Formation<br>Pictured Cliffs |                      | Pool<br>Undesignated PC |                    |  | Dedicated Acreage:<br>160 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  
9-2-86

EDGAR L. RISENHOOVER  
NEW MEXICO  
5979  
I have surveyed the location shown on this plat and found it to be correct to the best of my knowledge and belief.

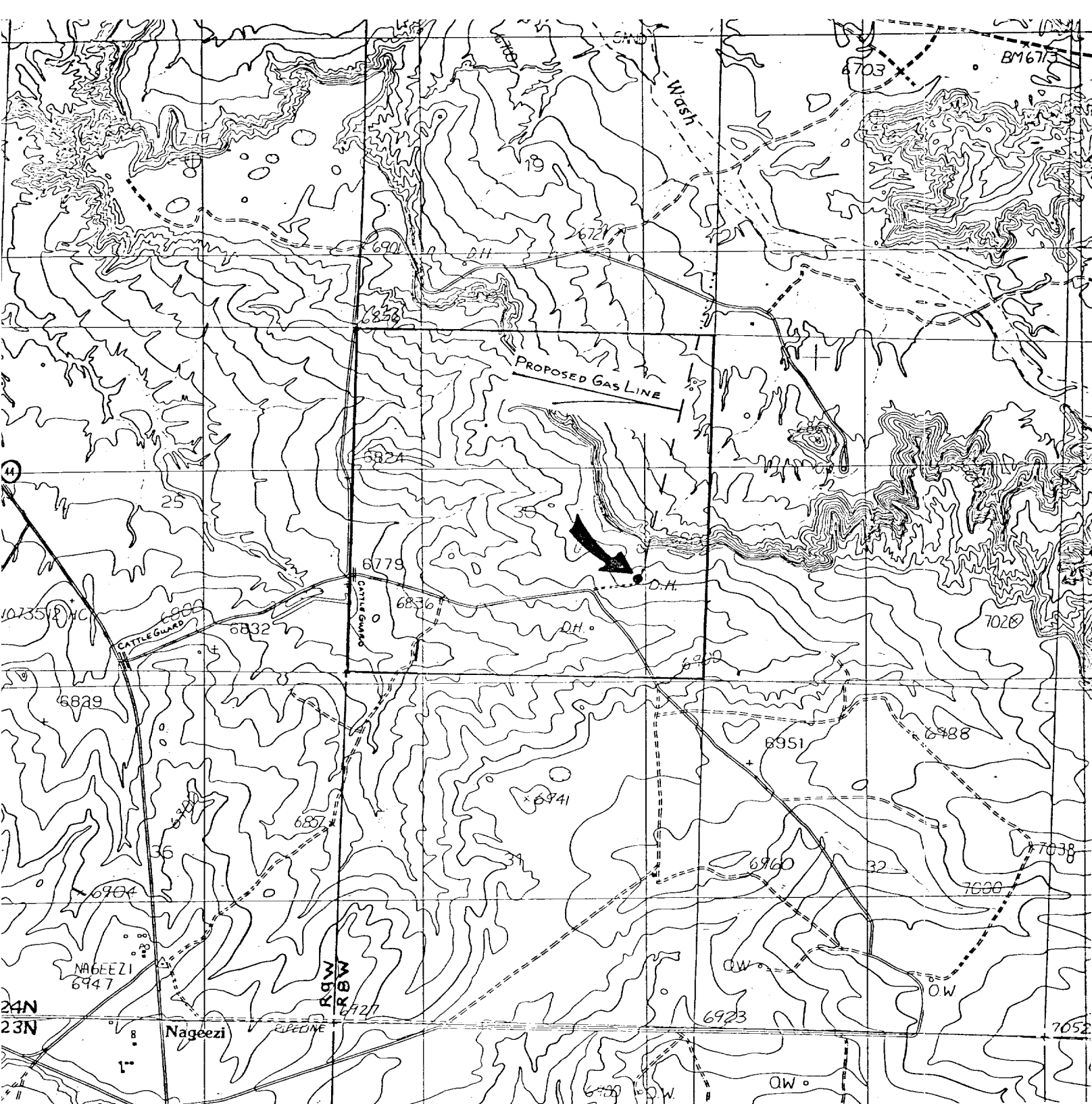
Date Surveyed  
August 12, 1986

Registered Professional Engineer  
and/or Land Surveyor

*Edgar L. Risenhoover*

Certificate No. 5979  
Edgar L. Risenhoover, L.S.

330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600



DUGAN PRODUCTION CORP.-Buddha Temple #1  
Existing Roads Exhibit E

DUGAN PRODUCTION CORP.-Buddha Temple #1  
Planned Access Road(s) Exhibit E

Vicinity of nearest town or reference pt.  
approx. 2 miles NE of Nageezi, NM (see Exhibit V)

Width 20' Maximum grades 4%

Drainage design as required

Cuts & Fills see attached

Surfacing material none

Turnouts

Culverts

Gates

Cattleguards

Fence cuts

Type of surface dirt

Conditions good

Other

Reference map: USGS map Crow Mesa West,  
New Mexico. 1985 edition. scale 1:24000

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