

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-045-22772

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

Box 234, Farmington, NM 87401

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

At surface

1460' FSL - 1850' FWL

At proposed prod. zone

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

5 miles northwest of Farmington, NM

15. DISTANCE FROM PROPOSED*

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

140'

16. NO. OF ACRES IN LEASE

200

17. NO. OF ACRES ASSIGNED-

TO THIS WELL

160.36

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

None

19. PROPOSED DEPTH

1350'

20. ROTARY OR CABLE TOOLS

Rotary

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

5500 GR

22. APPROX. DATE WORK WILL START*

11-18-77

23.

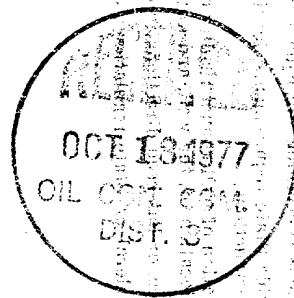
PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
7-7/8"	5-1/2"	20#	60'	10 SX
5"	2-7/8"	6.4#	2000'	100 SX

Plan to drill well using mud as circulating medium to test Pictured Cliffs formation. If productive, plan to set 2-7/8" tubing for casing, selectively perforate, frac, clean out after frac, run 1-1/4" tubing, and complete well.

Do not plan to use a blowout preventer while drilling. Will use master valve and stripper head while completing well.

NMERB Requirement: Gas 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

TITLE

Petroleum Engineer

DATE

10-14-77

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

OCT 17 1977

*See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

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

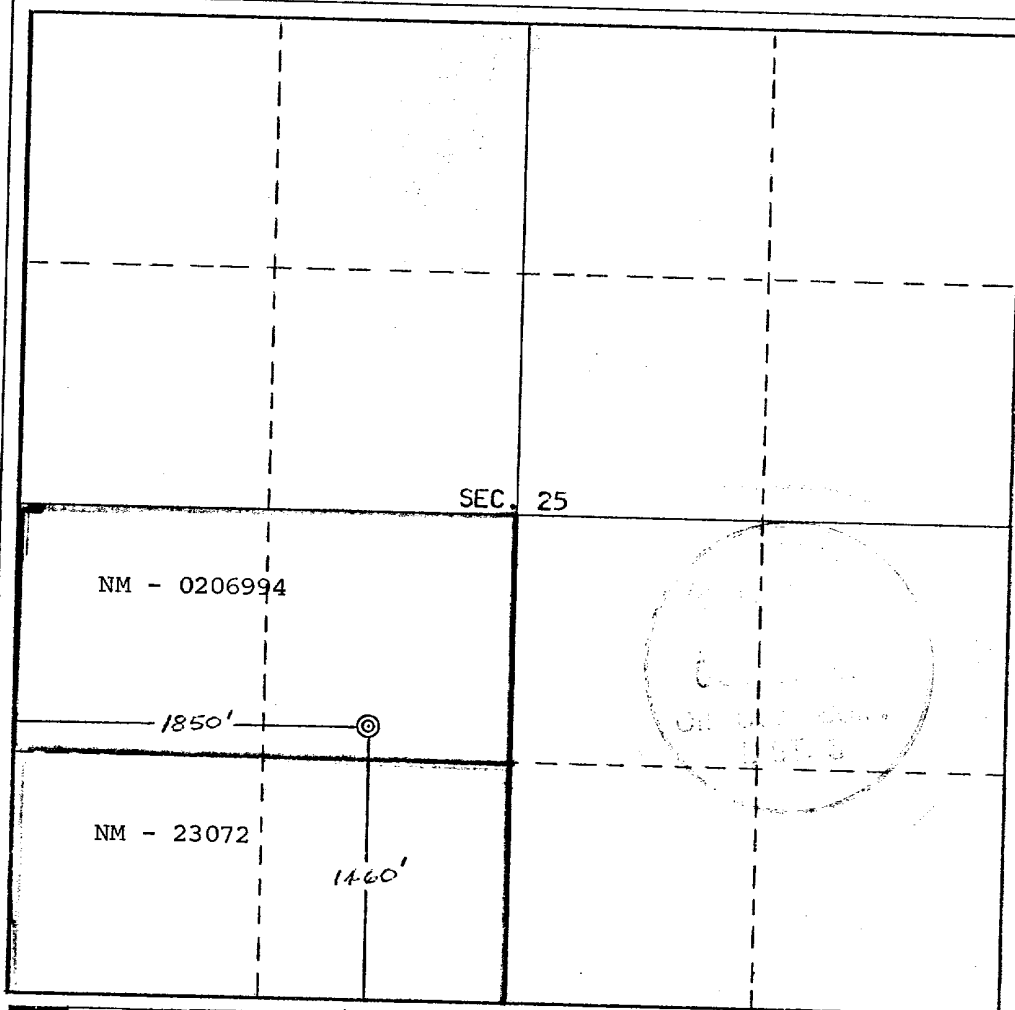
Operator Dugan Production Corporation			Lease Carpenter		Well No. 2
Unit Letter K	Section 25	Township 30 North	Range 14 West	County San Juan	
Actual Footage Location of Well: 1460 feet from the South line and 1850 feet from the West line					
Ground Level Elev. 5500'	Producing Formation Fruitland - P. C.		Pool Wildcat Harper Hill	Dedicated Acreage: 160.36 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 interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation Communitization

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 Commission.



CERTIFICATION

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

Thomas A. Dugan

Name

Thomas A. Dugan

Position

Petroleum Engineer

Company

Dugan Production Corp.

Date

10-14-77

REGISTERED LAND SURVEYOR
I hereby certify that the well location shown on this plat was plotted from field notes of Reg. No. 3602, and that the same is true and correct to the best of my knowledge and belief.
E.V. ECHOHAWK

Date Surveyed

September 18, 1977

Registered Professional Engineer and/or Land Surveyor

E.V. Echohawk

Certificate No. **3602**

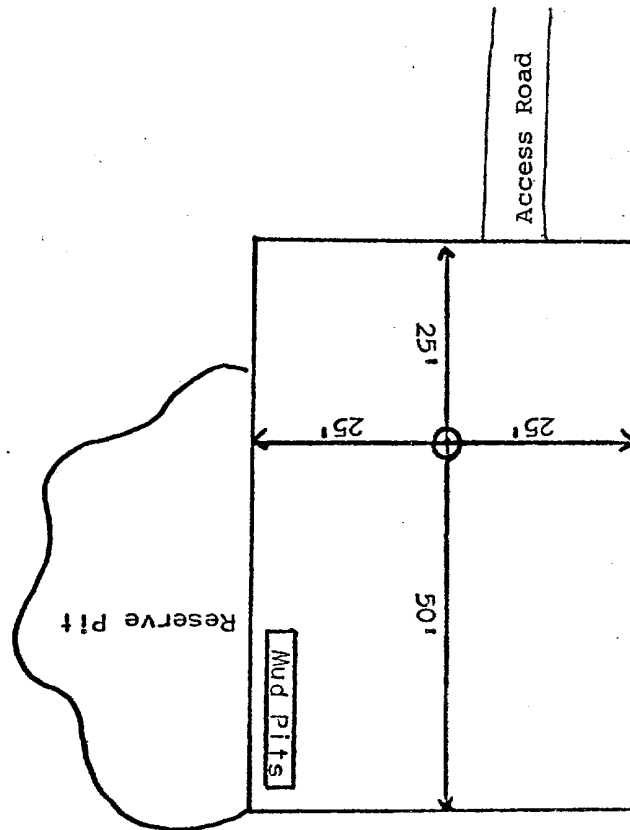
E.V. Echohawk LS

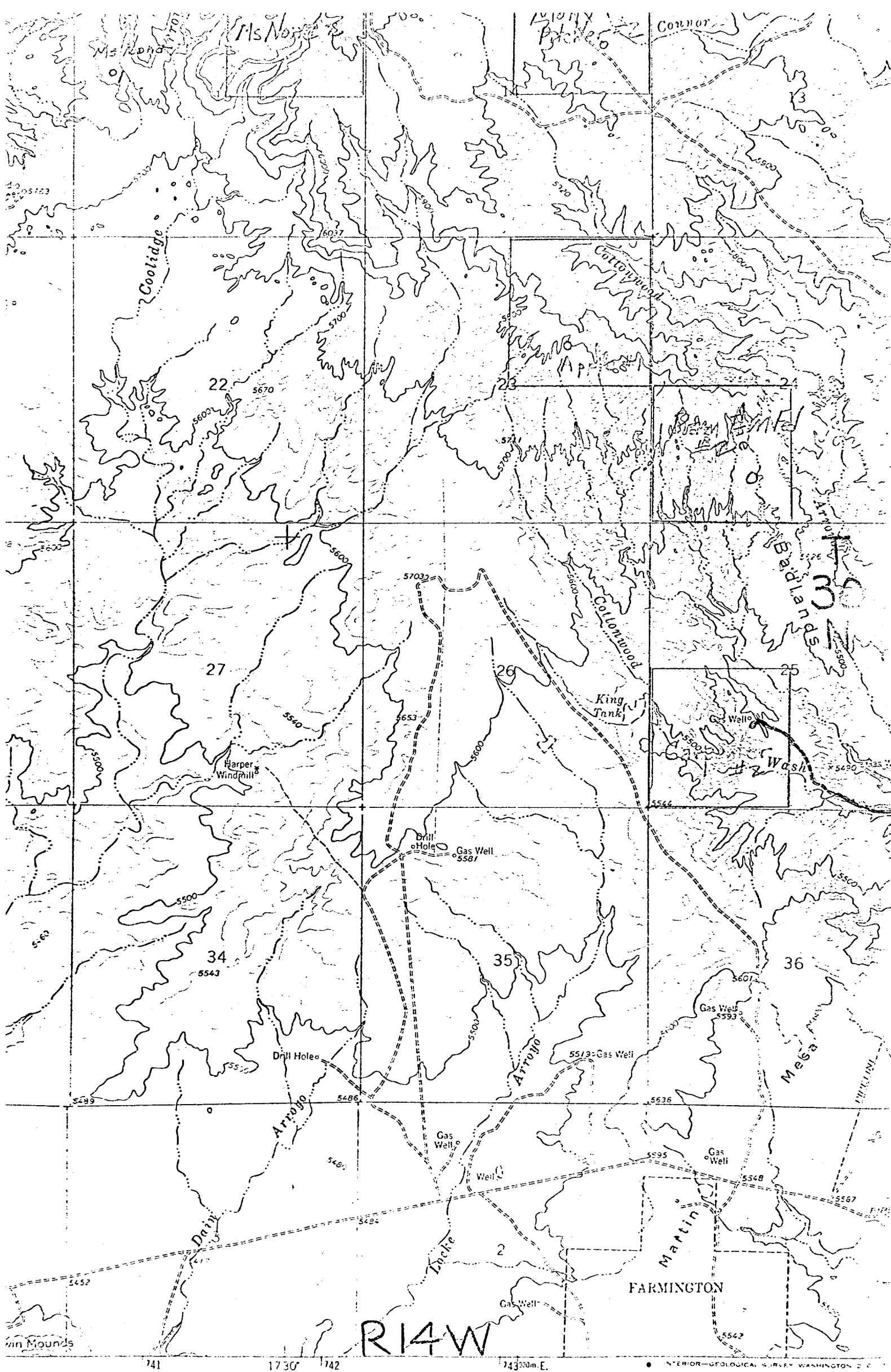
0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

Dugan Production Corp.

Carpenter #2

Proposed Location Layout





DEVELOPMENT PLAN

Dugan Production Corp.

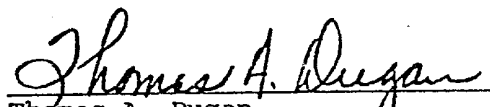
Carpenter #2

1. Existing roads are shown on attached plat.
2. Planned access from existing road approximately 100' to new location. Will leave natural grass and small vegetation on roadway. Will remove large brush or trees from road. Do not plan to make road grade or bar ditches. Will bottom-out any arroyo we cross and not install culverts.
3. Location of well: 1460' FSL - 1850' FWL
Section 25, T30N, R14W
San Juan County, New Mexico
4. No additional well(s) planned on this lease at this time.
5. Separator and flow line will be located within 50' of wellhead.
6. Water will be secured from San Juan River.
7. Waste materials will be buried on location or in reserve pit.
8. No permanent camp is planned; trailer house will be used on location while drilling.
9. Do not plan to build airstrip.
10. See attached plat for proposed location layout.
11. Will clean up location, fill and level pits, level ruts in road, reseed location and road with Seed Mixture #2 and paint equipment with #30318.
Sandstone Brown
12. Operator's Representative:
Thomas A. Dugan
Box 234
Farmington, New Mexico 87401
13. Certification: The following statement must be signed by the lessee's or operator's field representative who is identified in Item #12 of the Plan:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this Plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by _____
Dugan Production Corp.

and its contractors and subcontractors in conformity with this Plan and the terms and conditions under which it is approved.

Date: 10-14-77


Thomas A. Dugan
Professional Petroleum Engineer