

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

2010' FSL - 1650' FWL

At proposed prod. zone

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

7 1/2 miles SW of Blanco Trading Post

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

1980'

16. NO. OF ACRES IN LEASE

1080

17. NO. OF ACRES ASSIGNED
TO THIS WELL

E 80

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.1500' NE of
DPC's Witty #1

19. PROPOSED DEPTH

4830'

20. ROTARY OR CABLE TOOLS

Rotary

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

6763' GL; 6775' RKB

22. APPROX. DATE WORK WILL START*

ASAP

23.

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"
PROPOSED CASING AND CEMENTING PROGRAMThis 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	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	200'	159 cf circulated to surface
7-7/8"	4-1/2"	10.5#	4830'	1448 cf circulated 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 Gallup formation. Plan to run IES and CDL logs. If determined productive, will run 4 1/2", 10.5#, J-55 casing, selectively perforate, frac, clean out after frac and complete well.

(Previously approved APD was rescinded and returned due to drilling not being commenced within one year of the approval date.)

"Approval of this action does
not warrant that the applicant
holds legal or equitable rights
or title to this lease."

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

Jim L. Jacobs

TITLE

Geologist

DATE

1-30-87

(This space for Federal or State office use)

APPROVED
AS AMENDED

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

/s/ J. Stan McKee

CONDITIONS OF APPROVAL, IF ANY:

NSL R-8090

*See Instructions On Reverse Side

FOR AREA MANAGER

INNOCC

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.

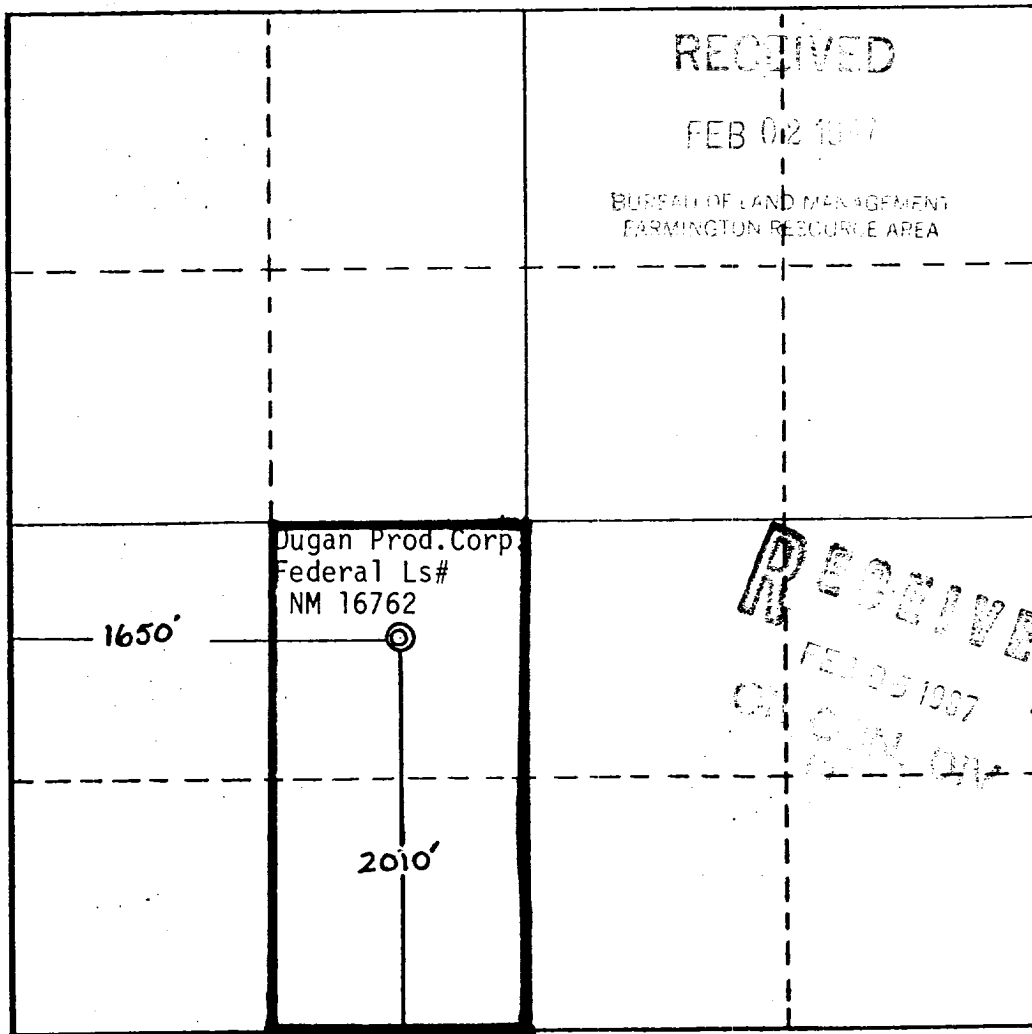
Operator Dugan Production Corp.			Lease Witty		Well No. 6
Unit Letter K	Section 12	Township 23 North	Range 10 West	County San Juan	
Actual Footage Location of Well: 2010 feet from the South line and 1650 feet from the West line					
Ground Level Elev. 6763	Producing Formation Gallup	Pool South Bisti-Gallup		Dedicated Acreage: 80 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 _____

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.

Jim L. Jacobs
Name
Jim L. Jacobs

Position
Geologist

Company
Dugan Production Corp.

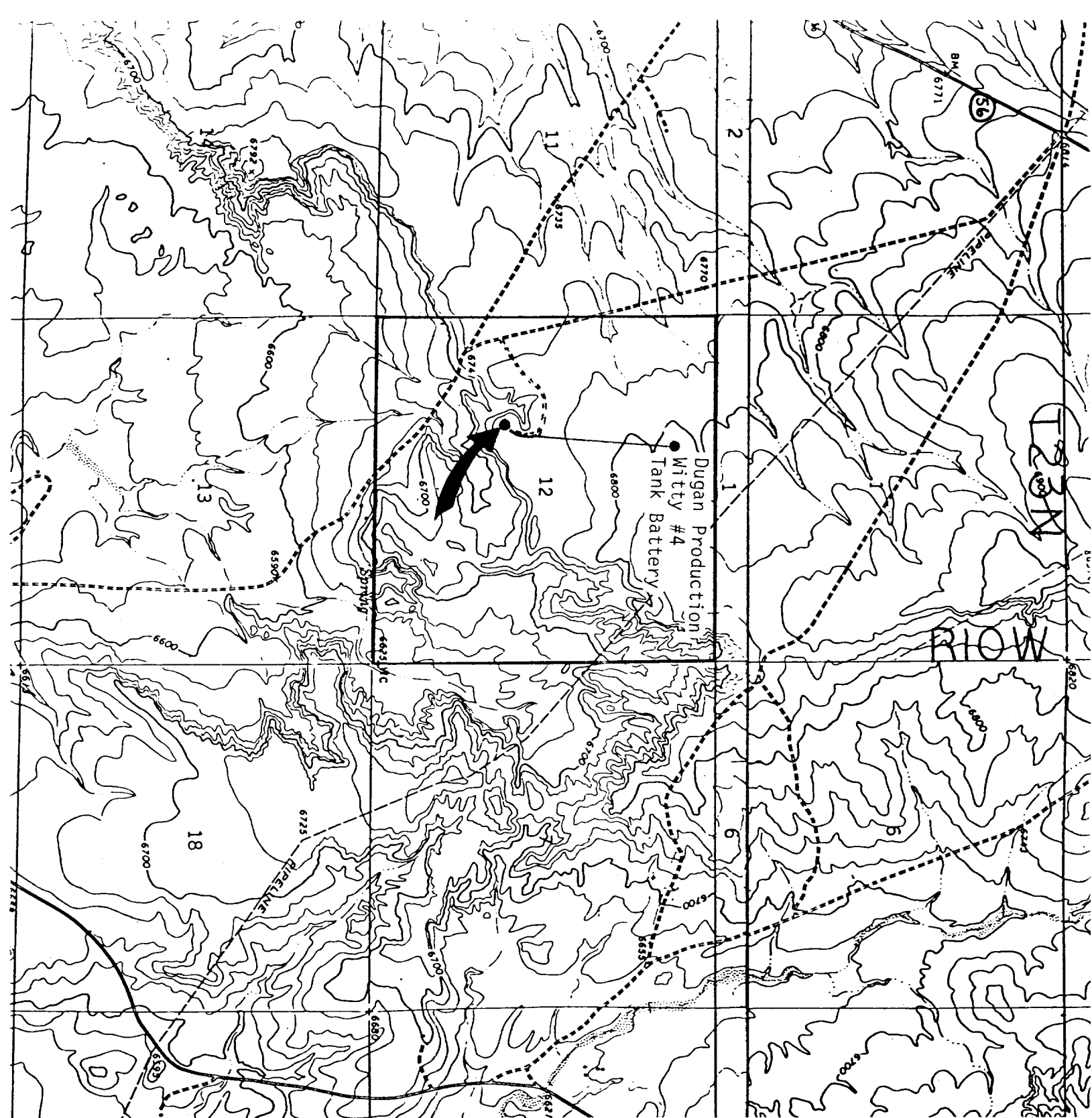
Date
1-28-87

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
11-15-85

Registered Professional Engineer and/or Land Surveyor

Thomas A. Dugan
Certificate No. **2373**
Thomas A. Dugan, P.E./L.S.



DUGAN PRODUCTION CORP. - Witty #6

Existing Roads

Exhibit E

Distance from nearest town or reference pt.
7½ miles south of Blanco Trading Post

Type of surface dirt

Conditions good

Other _____

DUGAN PRODUCTION CORP. - Witty #6

Planned Access Road(s)

Exhibit E

Width 20' Maximum grades _____

Drainage design _____ as required

Cuts & Fills _____

Surfacing material _____

Turnouts

Culverts

Gates

Cattleguards

Fence cuts

— pipeline

= = = existing 2-track

- - - access road