

UNITED STATES (Jerry Degroat)
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
330' FNL - 330' FEL

At proposed prod. zone

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

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

8 miles SW of Blanco Trading Post

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

330'

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.3000' N of
Benson Mineral Fed. #1

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

6620' GL' 6632' RKB

23.

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS 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	
12-1/4"	8-5/8"	24#	200'	159' cf circulated to surface
7-7/8"	4-1/2"	10.5#	4700'	1404' 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.

RECEIVED
DEC 27 1985
OIL CO
DEC 27

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

Barbara Williams

TITLE

Petroleum Engineer

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

Hold C 100' well
S. area plot

*See Instructions On Reverse Side

NM000

APPROVED
AS AMENDED

DEC 24 1985

/s/ J. Stan McKee

M. MILLENBACH
AREA MANAGER

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-102
Revised 10-1-78

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

Operator Dugan Production Corporation			Lease Seoul		Well No. 88
Unit Letter A	Section 9	Township 23 North	Range 10 West	County San Juan	
Actual Footage Location of Well:					
330	feet from the North	line and	330	feet from the East	line
Ground Level Elev. 6620	Producing Formation Gallup	Pool	South Birta exx Undesignated Gallup		Dedicated Acreage: 40 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 Division.

		<p>330'</p> <p>Dugan Prod. Corp. NOO-C-1420-7312</p>
<p>RECEIVED</p> <p>NOV 05 1985</p> <p>BUREAU OF LAND MANAGEMENT FARMINGTON RESOURCE AREA</p>		

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

October 30, 1985

Edgar L. Risenhoover
NEW MEXICO
15979
I certify that the location shown on this plat was obtained 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.

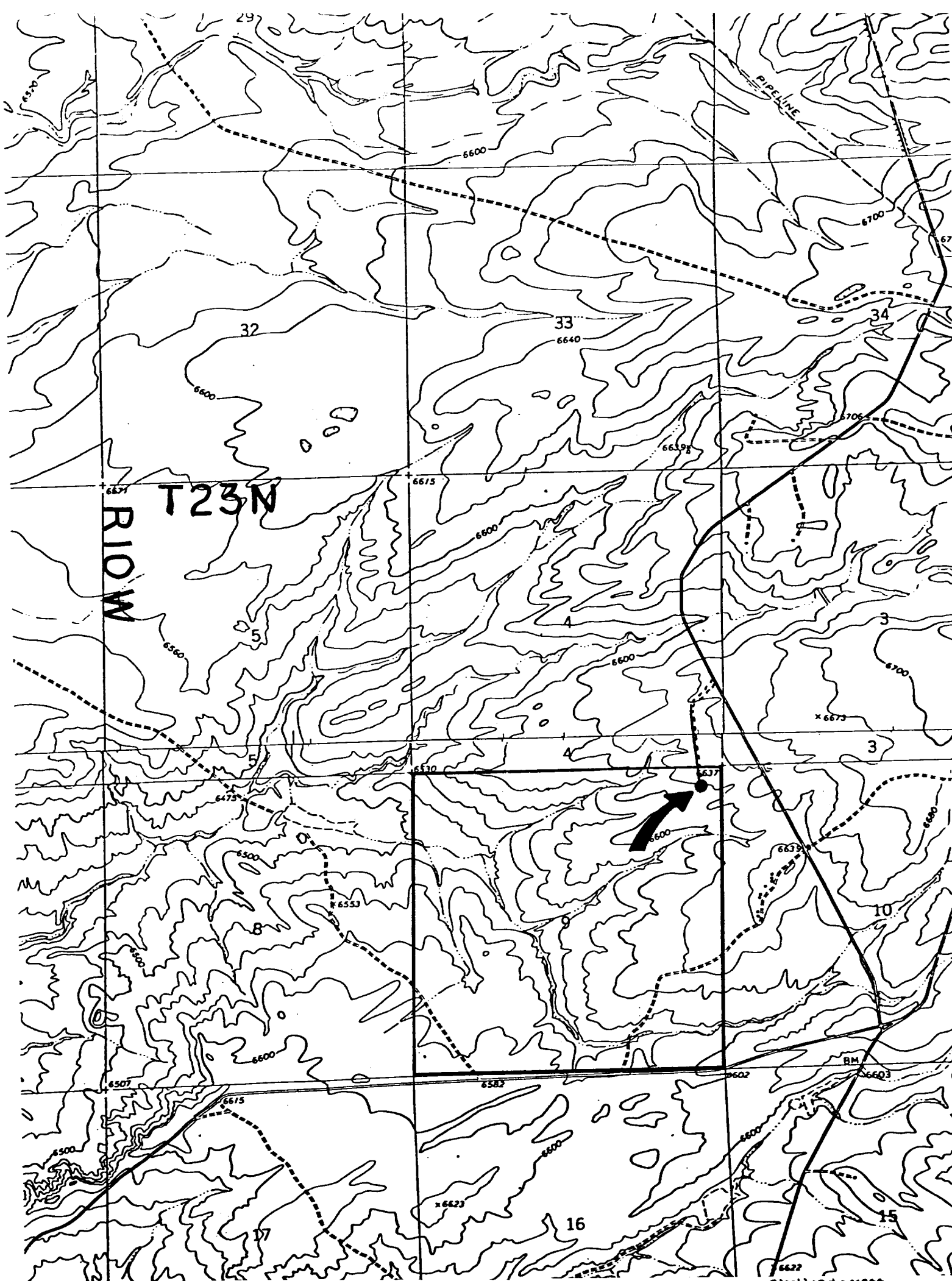
Date Surveyed

October 2, 1985

Registered Professional Engineer
and/or Land Surveyor

Edgar L. Risenhoover
Certificate No. 5979

Edgar L. Risenhoover, L.S.



Existing Roads

Exhibit E

Distance from nearest town or reference pt.
8 miles SW of Blanco Trading Post

Type of surface dirt

Conditions good

Other _____

Planned Access Road(s)

Exhibit E

Width 20' Maximum grades 2%

Drainage design as required

Cuts & Fills _____

Surfacing material _____

Turnouts

Culverts

Gates

Cattleguards

Fence cuts

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