

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYRECEIVED
BLM30-045-28620 ✓
5. LEASE DESIGNATION AND SERIAL NO.

NM 44467

6. IF INDIAN, A LOTTER OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Prairie Dawn ✓

9. WELL NO.

2

10. FIELD AND POOL OR WILDCAT

Undes. Mesa Verde ✓

11. SEC., T., R., M. OR S.E.
AND SURVEY OR AREA

N Sec. 33, T24N, R12W, NMPM

12. COUNTY OR PARISH 13. STATE

San Juan

NM

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 420, Farmington, NM 87499

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

At surface

440' FSL & 1820' FWL

At proposed prod. zone

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

approx. 9 miles NE of Bisti Trading Post, NM

15. DISTANCE FROM PROPOSED*

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

440'

16. NO. OF ACRES IN LEASE

2549.76

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40 42.66 ✓

18. DISTANCE FROM PROPOSED LOCATION* approx. 3850'
TO NEAREST WELL, DRILLING COMPLETED, FROM PROPOSED
OR APPLIED FOR, ON THIS LEASE, FT. Prairie Dawn #1

19. PROPOSED DEPTH

2785'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6073' GL
This action is subject to technical and
procedural review pursuant to 43 CFR 3165.3
and appeal pursuant to 43 CFR 3165.4.

22. APPROX. DATE WORK WILL START*

ASAP

23. PROPOSED CASING AND CEMENTING PROGRAM
DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	200'	159 c.f. circ. to surface
7-7/8"	4-1/2"	10.5#	2785'	960 c.f. circ. 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 the M.V. formation. Plan to run IES and CDL logs. If determined productive, will run 4-1/2", 10.5#, J-55 casing with stage tool, selectively perforate, frac, clean out after frac and complete well.

RECEIVED

OCT 30 1991

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

TITLE Vice-President

DATE 9-17-91

(This space for Federal or State only use)

PERMIT NO.

APPROVAL DATE

APPROVED
AS AMENDED

APPROVED BY

TITLE

OCT 25 1991

CONDITIONS OF APPROVAL, IF ANY:

AREA MANAGER

*See Instructions On Reverse Side

NMOOD

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

Energy, Minerals and Natural Resources Department

Revised 1-1-80

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

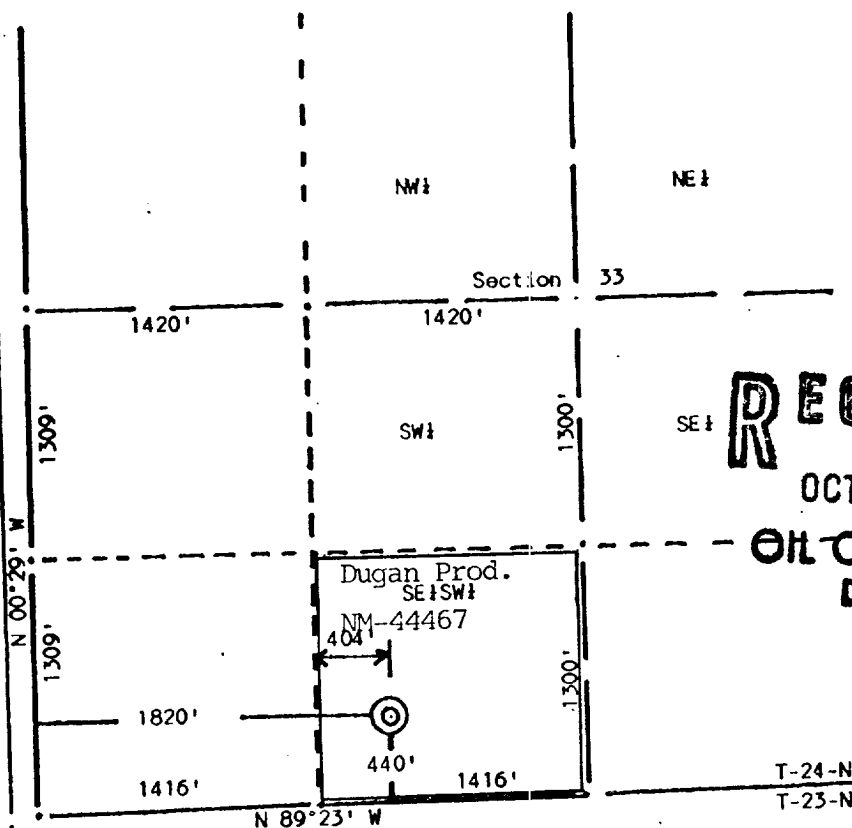
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Dugan Production Corporation		Lease Prairie Dawn		Well No. 2
Unit Letter N	Section 33	Township 24 North	Range 12 West NMPM	County San Juan
Actual Footage Location of Well: 440 feet from the South line and 1820 feet from the West line				
Ground level Elev. 6073	Producing Formation Mesa Verde	Pool Undesignated Mesa Verde	Dedicated Acreage: 40 7/26 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 interest 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 interest, has been approved by the Division.



NOTE: Distances shown to nearest foot.

OPERATOR CERTIFICATION

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

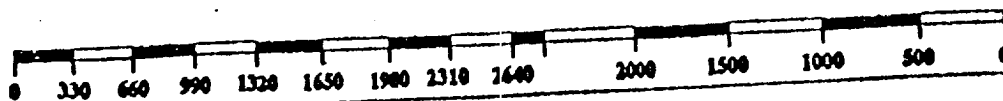
Signature: *Sherman E. Dugan*
Printed Name: Sherman E. Dugan
Position: Vice-President
Company: Dugan Production Corp.
Date: 9-17-91

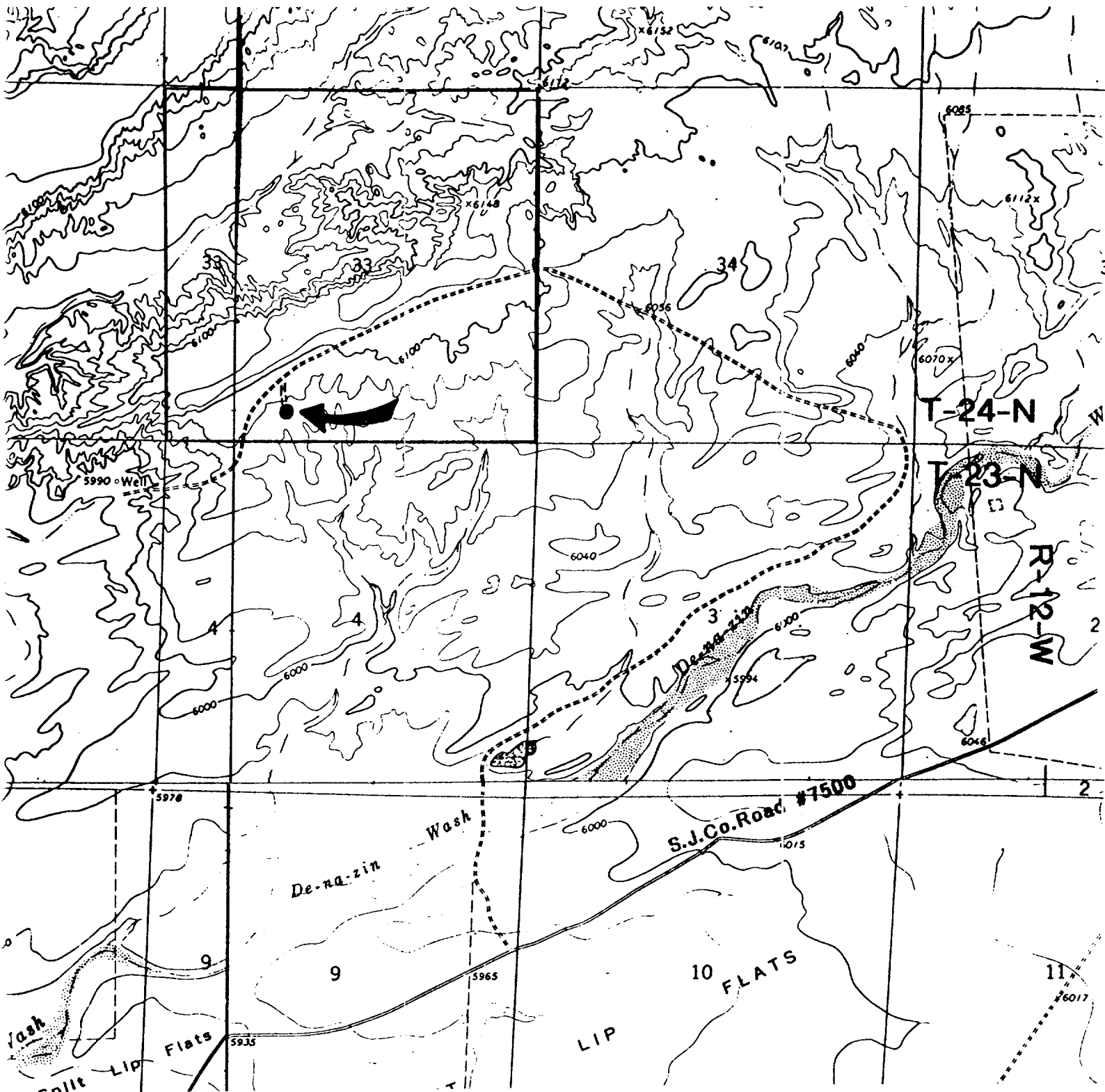
SURVEYOR CERTIFICATION

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: September 9, 1991

Signature & Seal of Professional Surveyor: *Edgar L. Risenhauer*
Professional Surveyor
New Mexico
5979
Edgar L. Risenhauer





Existing Roads Exhibit E

Vicinity of nearest town or reference pt.
Approx. 9 miles NE of Bisti Trading Post

Type of surface dirt

Conditions good

Other _____

Reference map: USGS map Alamo Mesa East,
N.Mex., 1966; Alamo Mesa West, N.Mex.,
1966; Pretty Rock, N. Mex., 1966; Tanner
1966; N. Mex., 1966

Planned Access Road(s) Exhibit E

Width 14' Maximum grades 3%

Drainage design as required

Cuts & Fills see diagram

Surfacing material none

☒ Turnouts
☒ Culverts ☒ Waterbars
☒ Gates
☒ Cattleguards
☒ Fence cuts

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

DUGAN PRODUCTION CORP. - PRAIRIE DAWN #2