

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO.
NM 45208

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. Bisti Gallup Basin Dakota

OIL WELL ☒ GAS WELL ☒ OTHER

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.
See also space 17 below.)

At surface

990' FNL - 990' FEL

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FARMINGTON RESOURCE AREA

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Ivy League

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT
Bisti Lower Gallup/
Basin Dakota

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 17, T24N, R9W, NMPM

12. COUNTY OR PARISH

San Juan

13. STATE

NM

14. PERMIT NO.

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

6734' GL; 6746' RKB

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

APD was previously submitted to test only the Bisti Lower Gallup formation. We plan to also test the Basin Dakota formation's productivity by running IES and CDL logs. If the Basin Dakota is determined productive, we will selectively perforate, frac, clean out after frac and complete the well in the Basin Dakota. We still plan to test the Bisti Lower Gallup and it's completion is contingent upon the Basin Dakota test results. The attached C-102 reflects the Basin Dakota formation dedicated acreage. Also attached are our changes in our Operations Plan (Exhibit B; Revised).

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DIST. 3

18. I hereby certify that the foregoing is true and correct

SIGNED

Barbara Williams

TITLE Petroleum Engineer

DATE 9-24-85

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

| | | | | |
|---|--------------------------------------|-------------------------------|-------------------------------|------------------------------|
| Operator Dugan Production Corporation | | Lease Ivy League | | Well No. 1 |
| Unit Letter A | Section 17 | Township 24 North | Range 9 West | County San Juan |
| Actual Footage Location of Wells 990 | | feet from the North | line and 990 | feet from the East |
| Ground Level Elev. 6734 | Producing Formation Dakota | Pool Basin Dakota | Dedicated Acres 320 | Acres 320 |

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.

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BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

Dugan Production
NM 36473

SEC 17

Dugan Production
NM 45208

990'

990'

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DIST. 3

CERTIFICATION

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

Name

Jim L. Jacobs

Position

Geologist

Company

Dugan Production Corp.

Date

9-24-85

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

Date Surveyed

August 26, 1985

Registered Professional Engineer
and/or Land Surveyor

Edgar L. Risenhoover

Certificate No. 5979

Edgar L. Risenhoover

OPERATIONS PLAN
Ivy League #1 Well
T-24-N, R-9-W, NMPM
Sec. 17: 990' FNL - 990' FEL
San Juan County, New Mexico

EXPECTED FORMATION TOPS:

| | | | |
|-----------------|-------|-------------|-------|
| Pictured Cliffs | 1710' | Gallup | 4620' |
| Lewis/Chacra | 1845' | Skelly Zone | 5120' |
| Cliff House | 2455' | Greenhorn | 6050' |
| Menefee | 2610' | Graneros | 6115' |
| Point Lookout | 4015' | Dakota | 6200' |
| Mancos | 4250' | Total Depth | 6450' |

LOGGING PROGRAM: IES/CDL

Catch Samples every 10' from 4600 feet to total depth.

CASING PROGRAM:

| Hole Size | Casing Size | Wt./Ft. | Setting Depth | Grade & Condition |
|--------------------|-------------------|---------|------------------|----------------------|
| 12 $\frac{1}{4}$ " | 8-5/8 | 24.00 | 200' | J-55 A |
| 7-7/8" | 4 $\frac{1}{2}$ " | 10.5 | 6450' | J-55 A |

CEMENTING PROGRAM: All volumes are contingent upon Caliper logs.

Expected location of Stage Tool: 4250'

Surface- Cement surface pipe w/150 cu. ft. of Class "B" w/2% CaCl. Circulate to surface.

1st Stage- Cement w/302 sx 50/50 Poz w/2% gel + $\frac{1}{4}$ # flocele/sk (384 cu. ft.) followed by 100 sx class "B" with $\frac{1}{4}$ # flocele/sk (118 cu. ft.)
Projected cement top: 4550'

2nd Stage- Cement w/510 sx 65-35 B Poz w/12% gel + $\frac{1}{4}$ # flocele/sk (1071 cu. ft.) followed by 80 sx 50-50 B Poz w/2% gel + $\frac{1}{4}$ # flocele/sk (100 cu. ft.)
Total Slurry 1673 cu. ft.

WELLHEAD EQUIPMENT: Huber Hercules 2000 psi working pressure (non-flanged)

Dugan Production Corp.
Office 325-1821
Tom Dugan 325-5694
Jim Jacobs 325-8353
John Roe 326-1034
Sherman Dugan, Geol. 327-4287

Radio Dispatch 327-2676