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Form Approved.
Budget Bureau No. 42-R1424

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☒ other

2. NAME OF OPERATOR
DUGAN PRODUCTION CORP.

3. ADDRESS OF OPERATOR
P O Box 208, Farmington, NM 87401

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
880' FNL - 800' FEL
AT SURFACE:
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

SUBSEQUENT REPORT OF:

☐
☒
☒
☐
☐
☐
☐
☐

5. LEASE
NM 28738

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Adare

9. WELL NO.
1

10. FIELD OR WILDCAT NAME
Ballard P.C.

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 12 T23N R6W

12. COUNTY OR PARISH
Rio Arriba

13. STATE
NM

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6760' GL

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

See reverse for perfs 1-4-82 and acid/frac 1-13-82.

Subsurface Safety Valve: Manu. and Type

Set @ Ft.

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

SIGNED

Jim L. Jacobs

TITLE

Geologist

DATE

1-20-82

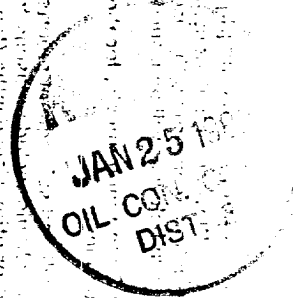
(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:



RECEIVED

JAN 23 1982

RECEIVED

1-4-82 Southwest Surveys ran Gamma Ray Neutron log. Rigged up Hinson swabbing unit. Swabbed well down to $\pm 1600'$. Southwest perforated w/ 2-1/8" glass jet per foot 2110-2120'. Swabbed well down. No indication of gas or fluid entry. S.D.O.N.

1-5-82 Checked fluid level. Less than 50' fluid in hole. Made 2 swab runs. Dry. Released swabbing unit.

1-13-82 Rig up Western Co. Pumped 250 gals 15% HCL ahead of 2% KCL water flush. Broke down at 3100#. ISDP 600 psi.

Pumped 5000 gal 70 Q N₂ foam pad ATP $\pm 3,000$ psi at 20 BPM
Pumped 5000 gal 70 Q foam w/ 1#/gal 10-20 sand at ± 2900 psi, 20 BPM
Began pumping 70 quality foam w/ 2#/gal 10-20 sand ATP ± 3000 psi at 20 BPM
3 minutes into 2#, shut down due to water transport problem and flushed to perms with foam. (One transport had some obstruction and would not drain; the other contained enough water to finish the job.)

Pumped away the remainder of the 10,000 gal 70% foam with 2#/gal.

10-20 sand ATP ± 2300 psi, 20 BPM

Total volume down hole foam: 20,000 gal

Total water: 6,000 gal (all water 2% KCL)

Total sand: 25,000# 10-20

Total nitrogen: 196,746

All foam w/ 2 gal/1000 Frac Foam I

ISDP 1450 psi

10 minute shut-in was 1400 psi

Left shut in ± 2 hrs while Western cleared location. Opened up to 3/4" choke.