

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 ☒ gas ☐
well 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.)
AT SURFACE: 1650' FNL - 1650' FEL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

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

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

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

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5. LEASE
NM 28736

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Enniskillen

9. WELL NO.
1

10. FIELD OR WILDCAT NAME
Lybrook Gallup

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 9 T23N R6W

12. COUNTY OR PARISH 13. STATE
Rio Arriba NM

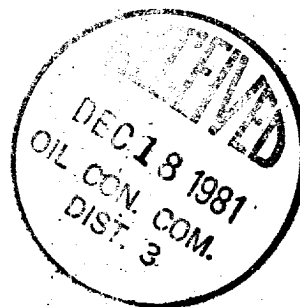
14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6743' 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 report of perfs 12-10
frac 12-10
tubing 12-11-81.



Subsurface Safety Valve: Make and Type _____ Set @ _____ Ft.

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

SIGNED Thomas A. Dugan TITLE Petroleum Engineer DATE 12-14-81 ACCEPTED FOR RECORD

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE DEC 17 1981

CONDITIONS OF APPROVAL, IF ANY

NMOCC

FARMINGTON DISTRICT

BY Sam

DAILY REPORT

- 12-7-81 MI & RU MTK Rig #2. Pick up 40 jts. tbg.
- 12-8-81 Finish picking up tbg. to D.V. tool. Drlg. D.V. tool at 4466'. P.U. tubing to 5530'. Drlg. on junk and cement.
- 12-9-81 Finish drilling out to $\pm 5575'$. Rig up Western Co. Pressure test casing to 4000 psi. OK. Spot 250 gals $7\frac{1}{2}\%$ HCL. T.O.H.
- 12-10-81 Rig up Jetronics. Ran GR-CCL from PBTD 5586 to 5000'. Jet perforate Gallup formation 5252-58 (3 holes), 5282-92, (5 holes), 5302-12 (5 holes), 5316-22 (3 holes), 5338-44 (3 holes), 5384-92 (4 holes), 5422-36 (7 holes), 5442-48 (3 holes), 5502-10 (4 holes).
Total 37 holes.

Rig up Western Co. Break formation down w/ water. Acidize with 500 gal 15% HCL. Drop 55 RCN ball sealers. Formation broke at 900 psi. Did not ball off. Max pressure 1900 at 30 BPM. Ran $4\frac{1}{2}"$ junk basket. Retrieved 40 ball sealers (16 hits).

Fraced Gallup Formation as follows:

10,000 gal. slickwater - pad
8,400 gal. slickwater w/ 1# 20-40 sand per gal.
44,400 gal. slickwater w/ $1\frac{1}{2}\%$ 20-40 sand per gal.
3,680 gal. slickwater flush

(Cont.)

DUGAN PRODUCTION CORP.
Enniskillen #1

- 12-10-81 Max. treating pressure 2200 psi; Min 1650 psi
(Cont.) Ave. treating press. 1700 psi at 48 BPM
ISDP 800 psi 15 min shut-in 650 psi

Totals: 88 gal Aquaflo, 250# FR-2, 66,480 gal slickwater,
75,000# 20-40 sand

Shut well in over night.

- 12-11-81 SICP ± 425 psi. Opened well to pit. Flowed gas-cut water for 2 hrs. T.I.H. with tbg. and seat-nipple. Tag sand at 5538 RKB. Well flowed 1" stream of gas-cut water via csg. while running tbg.

Ran 171 jts. of 2-3/8" OD, 4.7#, J-55, 8 Rd, EUE tubing with 1-25/32" seating nipple between jts. #1 and #2. T.E. $^{\circ}5437.76'$ set at 5447' RKB. Nipple down BOP and flange up well head. Leave well flowing to pit via tbg. over night. S.D.O.N.

- 12-12-81 Well was dead on tbg. Casing pressure TSTM. Rig up swab tools. Swabbed well for 3 hrs. Fluid level dropped from 100' to 900'. Csg. pressure rose to 40 psi. Recovered ± 80 bbls of gas-cut water. Bled csg. down and replaced tubing hanger; Swabbed well for 3 hrs. Fluid level droppped from 400' to 1000'. Csg. pressure rose to ± 15 psi. Recovered ± 95 bbls. of gas-cut water with 1% green oil on last 40 bbls.