

Form 9-331
Dec. 1973Form Approved.
Budget Bureau No. 42-R1424UNITED 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.)

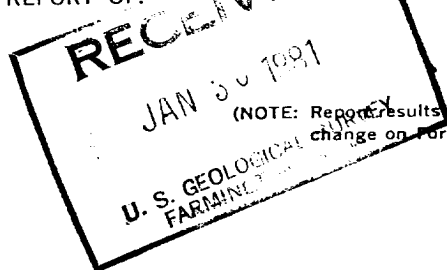
1. oil ☐ gas ☒ other2. NAME OF OPERATOR
Dugan Production Corp.3. ADDRESS OF OPERATOR
P O Box 208, Farmington, NM 874014. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 660' FNL - 330' FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

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:

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☐
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5. LEASE

S.F. 080230

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Sapp

9. WELL NO.

#2

10. FIELD OR WILDCAT NAME

Lybrook
Escrito Gallup

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

Sec 5 T23N R7W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

NM

14. API NO.

15. ELEVATION IS (SHOW DF, KDB, AND WD)

7030' 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 attached sheets for acid, 1-20
perms, 1-21
frac, 1-21
tubing, 1-26-81

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

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

SIGNED Thomas A. Dugan TITLE Engineer DATE 1-28-81

(This space for Federal or State office use)

FEB 09 1981

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

FARMINGTON DISTRICT

BY BLV

NMCCC

DUGAN PRODUCTION CORP.

Sapp #2

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- 1-19-81 Move in and rig up MTK; pick up tubing; tag cement at 4616' RKB; rig up to drill.
- 1-20-81 Drlg. cement and stage collar at 4616'; pick up tubing; tag cement at 5659' RKB; circulate hole clean. Nipple up BOP. Rig up Western Co., pressure test casing to 4000 psi; spot 250 gals 7½% HCl at 5568 RKB; P.O.H. w/ tubing.
- 1-21-81 Rig up Blue jet Inc. Run GR-CCL correlation log from PBTD to 5000'. Perforate Gallup formation (w/ 3-1/8" hollow carrier gun) at 5564, 65, 66, 67, 68, 69, 70, 71. Rig up Western Co. Pumped 81 bbls fresh water to break down zone; rig up Blue Jet, Inc. Perforate Gallup formation (w/ 3-1/8" hollow carrier gun) at 5540, 5538, 5536, 5534, 3478, 76, 74, 72, 70, 50, 48, 46, 44, 42, 40, 17, 15, 13, 11, 09. Rig up Western Co. Pump 500 gals 15% HCl w/ 40 ball sealers, flush w/ fresh water to ball off at 4000 psi. Rig up Blue jet, retrieve balls w/ junk basket; Rig up Western Co. fo Mini-Max II-20 fracture as follows:
- Pumped 15,000 gals Mini-Max II-20 fluid pad
 - Pumped 10,458 gals Mini-Max II-20 w/ 1# per gal 20-40 sand
 - Pumped 10,920 gals Mini-Max II-20 w/ 2# per gal 20-40 sand
 - Pumped 22,722 gals Mini-Max II-20 w/ 3# per gal 20-40 sand
 - Pumped 7,266 gals Mini-Max II-20 w/ 3# per gal 10-20 sand
- Hole developed in line during 3# 10-20 sand fluid stage 20 job was shut down and casing was flushed w/ 98 bbls fresh water.
- Total sand pumped - 100,464# 20-40 & 21,798# 10-20; total of 66,366 gals Mini-Max II-20.
- Max treating press - 2100 psi Ave treating press - 2300 psi
I.S.D.P. 1200 psi Ave. Inj. Rate 35 bbls/min.
- Well shut in overnight for gel breakdown.
- 1-22-81 Well opened at 9:00 a.m., flowing back frac fluid and gas. Ran 181 jts 2-3/8" 4.7# J-55, 8 Rd, EUE tubing; Tagged sand at 5578' - all perforations clear. T.E. 5556.06' set at 5567' RKB. Rig up and begin swabbing. Frac fluid and sand returns on swab runs. Well shut in overnight.
- 1-23-81 No pressure on csg. or tbg. Slight oil and gas shows w/ swab runs. Shut in overnight.
- 1-24-81 SICP 350 psi SITP 150 psi Blew down tbg. and swabbed well 7 hrs. Fluid very gas cut and oil percentage increasing each swab run to maximum of 40 percent oil. Total fluid swabbed for day estimated at 120 bbls w/ 15 bbls oil. Shut down csg. press. at end of day 300 psi.

DUGAN PRODUCTION CORP.

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1-25-81 Shut down - Sunday SICP 550; SITP 200

1-26-81 Nipple up BOP: POH w/ tubing; Ran 180 jts 2-3/8" 4.7# J-55 8 Rd, EUE tubing w/ mud anchor, seat nipple, and perforated nipple. Tagged sand at 5569'; T.E. 5529.12' set at 5540' RKB. Was making approx. 100 MCF/day gas while pulling and running csg.