

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

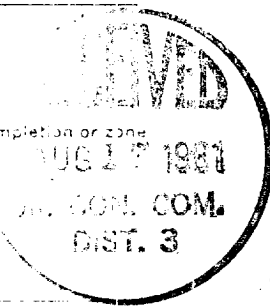
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

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.)
AT SURFACE: 1950' FWL - 660' FNL
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 ☐ ☒ Completion
- FRACTURE TREAT ☐ ☐
- SHOOT OR ACIDIZE ☐ ☐
- REPAIR WELL ☐ ☐
- PULL OR ALTER CASING ☐ ☐
- MULTIPLE COMPLETE ☐ ☐
- CHANGE ZONES ☐ ☒
- ABANDON* ☐ ☐
- (other) ☐ ☐

5. LEASE
NM 25433
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Sixteen G's
9. WELL NO.
#3
10. FIELD OR WILDCAT NAME
East Bisti Gallup Field
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 7 T24N R9W
12. COUNTY OR PARISH 13. STATE
San Juan NM
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)
6845' 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.)*

Plugged back well; changed zone from Dakota to Gallup.
See reverse for report of: perforations 8-1-81 & 8-5-81
acid 8-3-81
frac 8-5-81
tubing 8-6-81

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

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

SIGNED Thomas A. Dugan TITLE Petroleum Engineer DATE 8-12-81

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

RECEIVED FOR RECORD

AUG 12 1981

NMOCC

FARMINGTON DISTRICT
BY Dean Elliott

level 5,000'. Swabbed down in one run; second run produced very little liquid to surface. Gas ahead of swab both times. P.O.O.H. w/ packer. Rig up Jetronics. Perforate 6320-6330', 1 SPF, 10 shots/9'.

T.I.H. w/ seat nipple. Swabbed through tbg. Swabbed down to 3900'. S.D.F.N.

8-2-81 Shut down - Sunday

8-3-81 On opening valves, estimated 50 psi csg. pressure and zero tbg. pressure. Fluid level still at 3900'. Swabbed down to 5000'. Had some gas ahead of each run. P.O.O.H.

T.I.H. w/ Model R 4½" packer plus 198 jts. tbg. Packer at 6395 by tally.

Rig up Cementer's Inc. Pumped 53 bbls water ahead of 500 gals 15% HCL followed by 26 bbl water into tubing. Noted oil was circulated to surface. Set packer. Pumped 12½ bbl water down csg. to treat perms 6320-30 at ±1600 psi - 1 BPM. On releasing pressure, well flowed back through annulus.

Unset packer. Pull three joints; reset packer. Swabbed down. Had gas ahead of last run. Saw no more oil. S.D.F.N.

8-5-81 Slight tbg. pressure on opening. Fluid level 3300'. Swab made salt water and traces of oil. P.O.O.H. w/ packer. Noted several jts. of tbg. had been attacked by acid.

R.U. Jetronics. Set bridge plug at 6280'. Ran 50' dump bailer of cement atop plug. Perforated 5438-52 and 5406-18', 1 jspf, total 26 shots.

R.U. Western Co. - 70,000# sand frac w/ slick water:

Pumped 500 gal 15% HCL.
5,000 gal slick water pad, ±1500 psi, then 1 ppg sand.
At 833 bbl drop 10 balls
At 916 bbl balls on perms, 42 BPM, 2000 psi to 1800 psi
At 100 bbl drop 5 balls
At 1186 bbl balls on perms, 42 BPM, 2200 psi to
At 1450 bbl drop 5 balls
At 1536 bbl balls on perms, 42 BPM, press. up to 2500 for
1 min. Dropped back to ± 2000 for 3 min.
Dropped to 1600 for 1 min.
1873 bbl end. Flush - shut down

ISDP 650 psi.
15 min shut in press 550 psi.

8-6-81 T.I.H. w/ 2-3/8" tbg. Ran 169 jts. 2-3/8" O.D., 4.7#, 8 Rd, EUE tbg. T.E. 5487.72' set at 5497' RKB. (tbg. run w/ bull plug--1 jt. mud anchor, perforated npl and seating npl). Perforated npl at 5460 RKB. Rigged up and swabbed tbg. fluid level at 1500' when starting swabbing operations. Swabbed down to 3000' at end of day. Relased MTK. Prep to move to April Surprise #2.