

4-USGS (Farmington) 1-NWP 1-El Paso 1-File

Form 9-331
Dec. 1973

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.)

5. LEASE NM 628	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
7. UNIT AGREEMENT NAME	
8. FARM OR LEASE NAME Molly Pitcher	
9. WELL NO. 1E	
10. FIELD OR WILDCAT NAME Basin Dakota	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 14 T30N R14W	
12. COUNTY OR PARISH San Juan	13. STATE NM
14. API NO.	
15. ELEVATIONS (SHOW DF, KDB, AND WD) 5996'	

1. oil well ☐ gas well ☒ other ☐

2. NAME OF OPERATOR
Dugan Production Corp.

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

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1850' FSL - 790' 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 <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) <input type="checkbox"/>	<input type="checkbox"/>

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.)*

10-19-79 Western Co. rigged up and pressure tested well to 4000 psi and pumped the following:
10 bbl gel, 80 bbl water, 7 bbl HCl 7-1/2%, 15 bbl water.

10-20-79 Western Co. fraced as follows: Used total of 1538 bbl fluid, 80,000# 20-40 sand, 30,000# 10-20 sand. Aug press. 2400 psi @ 36 B/M, Max press 3000 psi @ 37 B/M. Min press 2000 psi @ 37 B/M. Shut down press 850 psi. SI after 15 min press - 725 psi. Preceded frac as follows: Broke down zone w/900 psi followed by 500 gal 15% HCl w/the first 2 bbl of acid free and next 10 bbl with 5 RCN balls per bbl (50 balls total). Ball action raised pressure to 2800 psi, formation breakdown allowing additional pumping with final shut down with maximum ball of 7400 psi.

Subsurface Safety Valve: Manu. and Type

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

SIGNED Thomas A. Dugan TITLE Petro. Eng. DATE Nov-1-79

(This space for Federal or State office use)

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

NMOCC

