

Form 9-331
Dec. 1973

**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 ☐ other ☐
well well

2. NAME OF OPERATOR
Dugan Production Corp.

3. ADDRESS OF OPERATOR
Box 234, Farmington, NM 87401

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1530' FSL - 840' 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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(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 Complete Report on Back.

5. LEASE NM 25440	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
7. UNIT AGREEMENT NAME	
8. FARM OR LEASE NAME Big Eight	
9. WELL NO. 1	
10. FIELD OR WILDCAT NAME Undes. Greenhorn Gallup	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 8 T24N - R9W	
12. COUNTY OR PARISH San Juan	13. STATE NM
14. API NO.	
15. ELEVATIONS (SHOW DF, KDB, AND WD) 6771' GR	

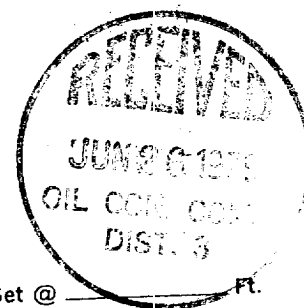
Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

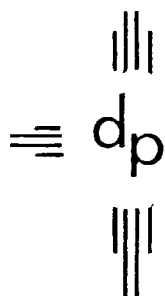
18. I hereby certify that the foregoing is true and correct

SIGNED Thomas A. Dugan TITLE Petroleum Eng. DATE 6-22-79
(This space for Federal or State office use)

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

N-mocc





dugan production corp.

Dugan Production Corp.
Big Eight #1
1530' FSL - 840' FWL
Section 8 T24N R9W
San Juan County, NM

REMEDIAL OPERATIONS

- 6-19-79 Rigged up FWS swabbing unit. Pulled rods and pump. Rigged up and pulled tbg. Had problems with well unloading through tbg while pulling. Did not flow on csg. Installed BOP and left well open through csg and production unit for night.
- 6-20-79 Picked up BOP and installed rubber covered ring gasket. Tightened all studs. GO Wireline perforate with 3-1/8 cased gun 1 densi jet per foot 5342-54 and 5375-84. Western Co spotted 750# sand plug in 300 gals: 15% HCl regular acid. Displaced to 5342'. Shut down and let sand fall out for 15 minutes. SWF well w/56,488# 20-40 sand. Used 3570 gal pad 56,448 gals to treat and 3695 gals wtr to flush. Pad and treating fluid treated w/1 gal. aquaflo per 1000 gals wtr. All fluid treated w/2-1/2# FR-2 friction reducing agent per 1000 gals. ITP 2100 psi Min 1800 psi Max 2150 psi AVE 1900 psi Ave. IR 40 B/M on frac and 20 B/M (lost suction on blender w/56,488 # sand out of planned 60,000# had to cut sand and flush). Dropped 10 ball sealers in two stages of 5 each. Got 150 psi increase on first set and 200 psi increase on second set. ISDP 600 psi 15 min stdg press 500 psi. Well on vacuum after 7 hrs. Opened to atmosphere overnight.

6-21-79 Ran 171 jts 2-3/8" OD 4.7# 8R EUE tbg as follows:

1 jt	tbg w/BP on btm for mud anchor	31.60
4'	perf nipple	4.27
	seating nipple	1.05
2 jts	2-3/8" tbg	62.59
	Baker compensating tbg anchor	3.57
168 jts	2-3/8" tbg	<u>5309.01</u>
Total Equipment		5412.09
Tbg head to RKB		<u>9.91</u>
Set at		5422.00

Laid down 24 jts tbg. Nippled down BOP. Rigged up and ran 214 7/8" rods, one 4' and one 2' 7/8" rod sub and 2" x 1-1/2" x 16' pump. Spaced out pump, hung on and started pumping. Had good pump action. Left unit rigged up and shut down for night.