

5 USGS, Fmn 2 BIA, Crownpoint
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

1 TR 1 File Form Approved.
Budget Bureau No. 42-R1424

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: 2310' FSL - 2310' FEL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE
N00-C-14-20-4313

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Navajo Allotted

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Lava Falls

9. WELL NO.
#1

10. FIELD OR WILDCAT NAME
Undesignated Gallup

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 27 T24N R8W

12. COUNTY OR PARISH
San Juan

13. STATE
NM

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6770' GL

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

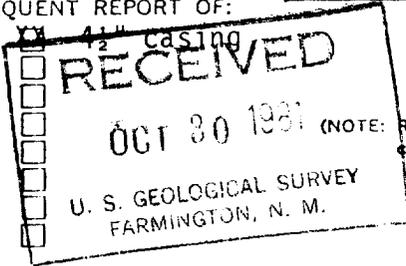
MULTIPLE COMPLETE

CHANCE ZONES

ABANDON*

(other) _____

SUBSEQUENT REPORT OF:



(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 4 1/2" casing and cement.



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 10-30-81

(This space for Federal or State office use)

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

NOV 2 1981
FARMINGTON DISTRICT
BY R. [Signature]

10-20-81 5365' - Drlg. Wt. 9.0 Vis 48 W.L. 13.0
2 1/4° at 4549, 1-3/4° at 4925

3-3/4 hrs - trip
19-3/4 hrs - drlg.
1/2 hr - rig service

10-21-81 5510' T.I.H. w/drill pipe

9-3/4 hrs - logging
2 hrs - circ.
5 hrs - trip
6-3/4 hrs - drlg
1/4 hr - rig service
1/4 hr - survey

Ran IES & C.D.L. logs by Welex

10-22-81 Finished T.I.H. with drill pipe drilled to T.D. 5521' - Circ hole - laid down drill pipe & collars - Rigged up and ran 12jts 4-1/2" O.D. 10.5#, K-55, 8RD ST&C csg T.E. 5557.24' set @ 5523' RKB cemented first stage w/10 bbls mud flush followed by 50 sx class "B" plus 8% gel & 1/4# flocele per sx - followed by 125 sx class "B" neat w/1/4# flocele per sx (total cement slurry 240 cu ft.) Had good mud returns while cementing-recipricated csg OK. while cementing-maximum cementing press 400 psi. bumped plug w/1500 psi float held OK. Dropped opening bomb and opened stage tool @ 4414' - circulated three hours with rig pump cemented second stage w/10 bbls mud flush followed by 450 sx 65-35 plus 12% gel & 1/4# flocele per sx. followed by 100 sx class "B" neat- (total slurry 1300 cu. ft.) good mud returns while cementing maximum cementing pressure 900 psi closed stage tool w/2500 psi held OK - estimated cement top 500' - job complete @ 10:10 pm 10-21-81. Nippled down B.O.P. set csg slips and cut off 4-1/2" csg. released rig @ 16:00 midnight 10-21-81.

50
125
450
100

725