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.)

1. oil well [X] 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: 690' FSL - 690' FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE
NM 10758

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Pittam Pond

9. WELL NO.
4

10. FIELD OR WILDCAT NAME
Cha Cha Gallup

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 1 T29N R15W

12. COUNTY OR PARISH
San Juan

13. STATE
NM

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5320' GL

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	[ ]		[ ]
FRACTURE TREAT	[ ]		[X]
SHOOT OR ACIDIZE	[ ]		[X]
REPAIR WELL	[ ]		[ ]
PULL OR ALTER CASING	[ ]		[ ]
MULTIPLE COMPLETE	[ ]		[ ]
CHANGE ZONES	[ ]		[ ]
ABANDON*	[ ]		[ ]
(other)			

RECEIVED
NOV 04 1981
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

(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.)*

10-15-81 Rig up Jetronics. Ran GR-CCL from PBTD 4667 to 4150'

Perforate Gallup 4462-67 (2 holes), 4478-82 (2 holes)
4487-94 (3 holes), 4504-10 (3 holes), 4517-44 (4 holes)
4532-44 (6 holes), 4576-80 (4 holes), 4583-91 (8 holes),
4640-46 (6 holes), 4661-65 (4 holes), 4547-59 (6 holes).

SEE REVERSE FOR REPORT OF FRAC AND TUBING.

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NOV 6 - 1981
OIL CON. COM.
DIST. 3

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

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

SIGNED T. A. Dugan Thomas A. Dugan TITLE Petroleum Engineer DATE 11-3-81

(This space for Federal or State office use)

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

ACCEPTED FOR RECORD
NOV 4 1981
FARMINGTON DISTRICT
BY SMA

*See Instructions on Reverse Side

NMOCC

10-16-81 T.I.H. w/ 2-3/8" tbg. and Baker 4½" full bore packer set at 4320' RKB. with 20,000# pull over weight of tbg. Rigged up Western Co. and pressured csg./tbg. annulus w/ 500 psi. Fraced down 2-3/8" tbg. Broke down perfs and speerheaded 500 gals 15% HCL acid.

Fraced as follows:

Pumped 5000 gal Mini-Max II-20 pad
Pumped 5000 gal Mini-Max II-20 w/ 1# per gal 20-40 sand
Pumped 5000 gal Mini-Max II-20 w/ 2# per gal 20-40 sand
Pumped 5000 gal Mini-Max II-20 w/ 3# per gal 20-40 sand
Pumped 3000 gal Mini-Max II-20 w/ 15 RCN ball sealers
Pumped 3000 Mini-Max II-20 w/ 1# per gal 20-40 sand
Pumped 3000 gal Mini-Max II-20 w/ 2# per gal 20-40 sand
Pumped 3000 gal Mini-Max II-20 w/ 3# per gal 20-40 sand
Pumped 3000 gal Mini-Max II-20 w/ 20 RCN ball sealers
Pumped 800 gal Mini-Max II-20 w/ 1# per gal 20-40 sand

(At this point in job, developed communication with tbg./csg. annulus.)
Flushed well with 800 gals fresh water.

Minimum treating pressure 400 psi, Maximum 4200 psi
Average treating pressure 3500 psi
Overall ave. I.R. 12 BPM ISDP 750 psi
15 min. std. pressure 500 psi

Used total of 51,000# 20-40 sand, 33,264 gals Mini-Max II-20 and 800 gals fresh water to flush.

Left well shut in 4 hrs. for gel to break. Pulled Baker full bore packer. Found hole in tbg.. S.D.O.N.

10-17-81 T.I.H. w/ 2-3/8" tbg. with 1-25/32" seating nipple on top of first joint. Rigged up and cleaned out 70' sand to PBTD 4676'. Pulled up and landed tbg. as follows:

1 jt. 2-3/8" OD, 4.7#, 8 Rd, EUE tbg.	31.32'
1 - 1-25/32" seating nipple	1.00'
151 jts. 2-3/8" OD, 4.7#, 8 Rd, EUE tbg.	4582.03'
Total Equipment	4614.35'
RKB to top of tbg. hanger	10.65'
Set at	4625.00' RKB

Rigged down and released MTK pulling unit.

10-18-81 Shut in - waiting on swabbing unit.