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Form 9-331
Dec. 1973Form Approved.
Budget Bureau No. 42-R1424UNITED 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 ☒ other2. NAME OF OPERATOR
DUGAN PRODUCTION CORP.3. ADDRESS OF OPERATOR
P O Box 208, Farmington, NM 874014. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1800 FNL - 1650 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:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

SUBSEQUENT REPORT OF:

☒ Status

(NOTE: Report results of multiple completion or zone change on Form 9-331)



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 attached reports for status of operations.

Subsurface Safety Valve: Manu. and Type _____

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

SIGNED Thomas A. Dugan TITLE Petroleum Engineer DATE 10-15-81

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD

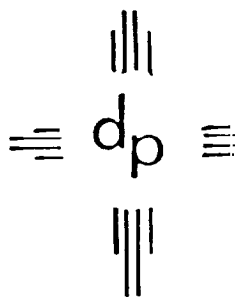
OCT 20 1981

FARMINGTON DISTRICT

BY SMN

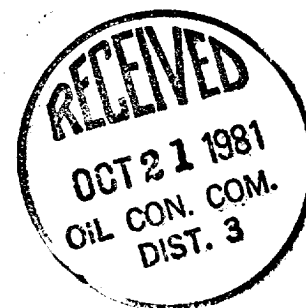
NM000

*See Instructions on Reverse Side



dugan production corp.

DUGAN PRODUCTION CORP.
Found It #25
1800' FNL - 1650' FEL
Sec 30 T25N R1W
Rio Arriba County, NM



RE-ENTRY

- 9-28-81 Moved in Nelson Construction, cleared location. Dug hole around dry marker. Removed dry hole harker. Removed 8-5/8" collar from surface pipe. Welded 5½" joint and collar. Covered hole around pipe. Dug working pit. Nelson construction 6 hrs. total.
- 9-29-81 Moved in MTK pulling unit. Prep to rig up and drill out.
- 9-30-81 Finished moving in and rigging up MTK pulling unit. Nippled up B.O.P. and rigged up drilling equipment. Prep. to drill out cement plugs. S.D.O.N.
- 10-1-81 Wait 8 hrs on water truck. Began drlg. cement at 4:00 p.m. from surface to 135'. S.D.O.N.
- 10-2-81 Drlg. cement from 135' to 137'. Encountered junk in the hole. P.O.H. w/ tbg. and bit. T.I.H. w/ junk basket. Milled on junk for 1½ hrs. P.O.H. w/ junk basket. Found 2 slip segments in junk basket. T.I.H. w/ junk basket and mill on junk for 1 hr. P.O.H. w/ no junk recovered. S.D.O.N.
- 10-3-81 Shut down
- 10-4-81 Shut down
- 10-5-81 Drilled w/ bit from ±120' to 126'. Drilling on iron. Drilled w/ bit until noon. T.O.O.H. w/ bit. T.I.H. w/ overshot. Worked overshot down ±20" in 3 hours. T.O.O.H. w/ overshot. Recovered 2 slip sections inscribed "1½ fit 2 body." T.I.H. w/ bit. Hydraulic hose for swivel sprung leak.
- S.D.F.N. Got hose repaired.
- 10-6-81 Drilling w/ bit on metal. Circulated some chunks out. Drilling smoothed out for ±12 ft. Then drilled out bottom of plug. T.I.H. to ±700'. Then P.O.O.H. to rabbit pipe. Fan belt for air compressor broke; retrieved new fan belt. Finished T.O.O.H. Began T.I.H. rabbiting pipe. Used three bad joints on bottom.

DUGAN PRODUCTION CORP.

Found It #25

Page 2

- 10-7-81 Finished T.I.H. w/ bit and 88 jts. tbg. Began drilling out cement at 2770'. Drill going smoothly. Made 210' by noon at 2980'. At 3 p.m. drilled out bottom of plug w/ 99 jts. in string at 3100'. Lowered 100th jt. into hole. Circulated clean. Ran in 16 more joints to tag bottom plug at 3630. Drilled easily for $\pm 20'$, then hit pocket $\pm 40'$ long. Started drilling on iron about 3690'. Pulled up. Circulated out. S.D.F.N.
- 10-8-81 Continued drilling on junk iron in cement at 3475'. As bit (tri-cone) was not cutting, tripped bit out. Made two runs w/ $5\frac{1}{2}"$ magnet on the sand line. Then T.I.H. w/ junk basket and tubing. The junk basket drilled well for $\pm 35'$ to a total depth of 3510'. Large chunks of cement and small pieces of iron and scale circulated out. After making a connection w/ the 112th jt., the pump pressure began surging and drilling slowed to $\pm 6'/\text{hr.}$ S.D.F.N.
- 10-9-81 P.O.O.H. w/ junk basket. Ran magnet in hole without success of recovering iron. T.I.H. with flat-faced mill. Began drilling on junk about noon. Mill cut about 1 ft. in $1\frac{1}{2}$ hrs., then 15 more feet in $2\frac{1}{2}$ hrs. as iron cuttings ceased in the returns. Drilling smoothed out briefly and then got rough as the tubing was torquing up and then releasing. Changed reverse to conventional circulation and then back again. Noted torque action continued w/ mill pulled up from bottom indicating loose iron or elongate iron in hole. S.D.F.N. at depth of $\pm 3535'$.
- 10-10-81 Continued drilling w/ mill for about 8 hours. Made ± 50 ft. of hole from 3535 to 3585. As drilling was going slower and slower w/ tubing going in and out of torque. Decided to trip mill out. The power tongs, however, would not operate. Then decided to shut down and brought the tongs and hydraulic pump in for repairs.
- 10-11-81 Shut down - Sunday
- 10-12-81 T.O.O.H. w/ mill. Noted piece of metal stuck in port of the mill. T.I.H. w/ new mill. Drilled out five joints from 3585 to 3740'. Circulated. S.D.F.N.
- 10-13-81 Drilled out the bottom of the cement plug w/ joint #121 at depth of 3800'. Ran in jt. #122 and circulated clean. Rigged up to swab and swabbed down in ± 5 hrs. Hole making some water but no gas. Shut down to flow test over night.