

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 gas ☒ well other ☐

2. NAME OF OPERATOR
DUGAN PRODUCTION CORP.

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

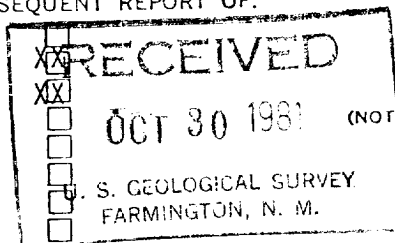
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1850' FSL - 790' FEL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

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

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE 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 perfs 10-22
acid & tubing 10-23-81.

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 10-30-81

(This space for Federal or State office use)

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

- 10-19-81 Move in and rig up MTK Rig #2, Go in hole w/tbg and bit (3-7/8"), Tag D.V. Tool @ 4268', Pressure up with mud pump to 1000 psi - opened D.V. Tool.
- 10-20-81 POH w/tbg - Rig up Halliburton, Pump 19 bbls wtr to break circulation Cemented 2nd stage w/400 sx 65-35 + 12% gel followed by 100 sx class "B" w/4% gel. Total slurry 1203 cu ft, Max cementing pressure 800 psi - Good circulation while cementing, Closed D.V. Tool w/2000 psi held OK, P.O.B. 11:55 am Rig down Halliburton, Go in hole w/tbg and bit, Drlg on D.V. Tool for 3 hrs.
- 10-21-81 Finished Drlg. D.V. Tool - circulated hole clean, Tagged up on cement @ 6170'. Drlg. out to PBTD ±6260 circulated hole clean-POH.
- 10-22-81 Rig up Jetronics. Ran GR-CCL from PBTD 6269' to 5950', 5400'-4900'. Ran CBL from 6269' to 5000'. Had trouble getting thru D.V. Tool @ 4263'. Cement top on first stage 5250'. Jet perforate Dakota 6245-55 (10 holes), 6067-74(7 holes). 1 shot/ft. Go in hole w/packer. (4-1/2" Baker Model "R") Set @ 6039' RKB. Started swabbing.
- 10-23-81 Swabbed well down - no show of gas. Rig up Western Co., Press test csg 3500 psi, OK. Move packer down hole to 6225'. Broke down perfs @ 6067-74 down annulas @ 2100 psi - Acidize w/250 gals 15% HCL - flush to bottom perf with fresh water. Formation broke back from 2800 to 2400 psi - when acid hit formation. ISDP-2000 psi 5 min. shut in - 1800 psi - Rig up on tbg. Break down perfs 6245-55 @ 2800 psi Acidize w/250 gals 15% HCL - flush to bottom perf w/ fresh water. ISDP - 1850 psi 5 min shut in 1700 psi. Rig Down Western Co. Swabbed tbg down to 5000'. No show of gas - sand line on unit parted. Moved packer up hole to 6039'. Set packer and landed tbg as follows: 188 jts 1-1/2"OD 2.9# V-55 10RD EUE tbg w/Baker model "R" packer set in compression. T.E. 6030.36' set @ 6039' RKB Rig down MTK Rig up FWS Swabbing unit. Swabbing Well.
- 10-24-81 Swabbing w/ FWS swabbing unit. Swabbed down then let set 1 hr. Made 1,000' or 4 bbl. Let set 1 more hr. Made 600' or approx. 2 bbl. Let set 1 more hr. Made 250' or approx. 1 bbl. Water had resistivity of 0.45 ohms measured @ 64° F. There was some gas ahead of the last few swab runs. Oil slick on the pit. Sample bottle showed estimated 1% lt. green oil.