

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 ☐

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: 990' FSL - 790' FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

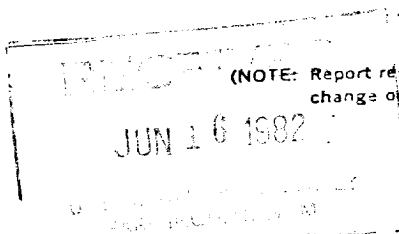
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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 reverse for report of perfs 6-10
acid (attempt) 6-11
frac 6-13
tubing 6-14-82.



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

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

SIGNED Jim L. Jacobs TITLE Geologist DATE 6-15-82

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE JUN 16 1982

CONDITIONS OF APPROVAL, IF ANY:

NMOCC

FARMINGTON DISTRICT
BY Smm

6-10-82 Rig up Welex. Ran GR-CCL from PBTD 7280' to 6900', 6750 to 5600'.

Perforate out of zone 7126-32 (6 holes) and in zone 7178-84 (6 holes),
7226-32 (6 holes), 7235-45 (10 holes). Combined total 28 holes.
Attempted to break down perfs with rig pump. Couldn't. Ran Baker
Model "R" packer in hole to 7150'. Swab tubing down. Shut in.

6-11-82 Small show of gas. Fair show of oil. 400' fluid came in hole
over night. Swab down. Rig up Western Co. Break down Dakota
perfs with water at 2700 psi. Start acid.* Had Communication
around packer. Shut down. Reset packer. Would not hold. Shut
in casing. Pumped acid away. Dropped 18 ball sealers. Had
some ball action. Ave. treating pressure 3100 psi. Flowed well
back. Rig down Western Co. Swab tbg. down. Shut in. *500 gal 15% HCL

6-12-82 Fluid level 3000' from surface. Small amount of gas on tbg. and
csg;. Swab tbg. down. Wait 30 min. No fluid entry. Wait 30 min.
No fluid entry. Move packer up hole to 7090'. Packer would not
hold. T.O.H. Shut well in.

6-13-82 Rig up WesternCo. Frac Dakota Formation as follows:

12,500 gal Mini Max III-30 - pad
10,000 gal Mini Max III-30 w/ 1/2# 20-40 sand
20,000 gal Mini Max III-30 w/ 1# 20-40 sand
25,000 gal Mini Max III-30 w/ 2# 20-40 sand
5,000 gal Mini Max III-30 w/ 2# 10-20 sand

Flush to perfs with fresh water.

ISDP 2800 psi 15 min shut in 2550 psi
Max treating pressure 3200 psi; Min treating pressure 2700 psi
Ave treating pressure 3000psi at 18.5 bbl/min.

Frac fluid contained 2% condensate.

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6-13-82 Totals: 72,500 gal Mini-Max III-30
(Cont:) 75,000# 20-40 sand
10,000# 10-20 sand
105# B-5 breakers
40 bbl. condensate
73 gal Aquaflo

6-14-82 Opened well up. Flowing back small amount of water and gas.
Went in hole with tubing. Tag sand at 7234'. Circulate out to
7265'. Land tbg. as follows: 226 jts. 1 1/2" O.D., 2.9#, V-55,
10 Rd, EUE tubing. T.E. 7195.82' set at 7204' RKB. Nipple down
BOP. Nipple up well head. Left well open thru casing. Rig down
MTK #2.