

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 87499

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 1980' FSL - 810' 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:

☐  
☒ & Perf.  
☐  
☐  
☐  
☐  
☐  
☐

NOV 22 1982

(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 details of fracture and perforation.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_

Set @ \_\_\_\_\_ Ft.

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

SIGNED

*Jim L. Jacobs*  
Jim L. Jacobs

TITLE Geologist

DATE 11-19-82

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD

\*See Instructions on Reverse Side

NMOCC

NOV 24 1982

FARMINGTON DISTRICT

DUGAN PRODUCTION CORP.  
Strawberry #1

- 11-8-82 FWS Finished milling out stage tool. Pressure tested stage tool to 1000 psi. T.I.H. with mill on tubing to tag bottom fill with 180 jts. in string. T.E. 5689.92 plus bit sub 1.92'. Estimate cased T.D. 5685' RKB.  
Circulated hole with clear water P.O.O.H. with tubing and mill. M.I.R.U. Basin Perforators. Ran GR CCL correlation log from 5677' to 4950'.  
Perforated 5655', 5650', 5576; then had a switch failure. Ran another gun to perforate 5572', 5546', 5538', 5524', 5517', 5513', 5508', 5502', 5492', and 5479'.  
Rigged up two guns stacked with 20 shots and perforated 5459'. Gun failed again. SDFN.
- 11-9-82 Wait for Basin Perforators. Perf density log int. 5375, 5380, 5385, 5395, 5397, 5399, 5407, 5415 with select fire gun 1JSPF. Perf density log int. 5437, 5439, 5441, 5443, 5445, 5451, 5453, 5455, - conventional 1 JSPF. Rig up Western Company Break an int. 5375 - 5655 with fresh water. Drop 45 ball sealers. ISIP - 800#  
Injection Rate - 16 BPM @ 2200#.  
T.I.H. with junk basket. Couldn't get below 4500'.  
Rig up Western Co. to frac.  
Pump 41 BPM @ 3100#. Shut in. Wait for orders. Management says only 14 holes open. Rig down Western Co. without casing scraper. T.I.H. with 3-7/8" bit, casing scraper, sub, and 2-3/8" tubing to 5680'. Work stage collar and knock off balls. T.O.H. with same. 16 STDS. Hydraulic pump went out. Shut in for night.
- 11-10-82 Waiting for rig crew. Western Co. & Overland standing by. Repair rig. T.O.H. with bit, casing scraper and 2-2/8" tubing. Rig up Western Co. Frac density log int. 5375 - 5655 with 55000 gals. slick water, 90000 # 20-40 sand 2% condensate. Average 42 BPM @ 3100#.  
ISIP - 1000  
5 minutes - 1000  
10 minutes - 1000  
Try to run 4 1/2" Baker WLSRBP. Couldn't get past stage tool @ 4500' Perf density log int. 5010, 5030, 5062, 5067, 5088, 5157, 5163, 5169, 5174, 5184, 5192, 5203, 5213, 5221, 5224, 5238, 5246, 5262, 5266, 5269; with select fire gun 1 JSPF. 5293, 5295, 5297, 5299, 5301, 5304, 5307, 5322, 5327, 5329, conventional with 1 JSPF. All perforations done under lubrication.  
Wait for water. Rig up to frac.  
Frac density log int. 5010 - 5329  
55000 gals. slick water  
90000 # 20-40 sand and 2% oil  
Average injection - 44 BPM @ 2350#  
ISIP - 1100#  
5 minutes - 1000#  
10 minutes - 1000#  
Shut in for night.