

Form 9-331
(May 1963)UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPPLICATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

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 "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER		5. LEASE DESIGNATION AND SERIAL NO. NM 28820
2. NAME OF OPERATOR Dugan Production Corp.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 234, Farmington, NM 87401		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 920' FNL - 970' FEL		8. FARM OR LEASE NAME Ms. Nona
14. PERMIT NO.		9. WELL NO. 2
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6102' GR		10. FIELD AND POOL, OR WILDCAT Basin Dakota
		11. SEC., T., R. M., OR BLK. AND SUBDIVISION OR ABRA Sec 15, T30N, R14W
		12. COUNTY OR PARISH San Juan
		13. STATE NM

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF

WATER SHUT-OFF

FRACTURE TREATMENT*

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

1-3-78

PBTD 6553'. Pressure tested csg and BOP to 4000 psi, held OK. Circulated hole with 1000 gal water mixed with 50# J-2 gel. Circulated gel around to clean hole. Spotted 300 gal 15% HCl on bottom - pulled tbq. Welex ran gamma ray correlation log Perf 2 jet/ft 6537-44'.

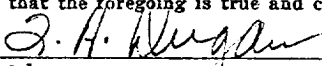
1-4-78

PBTD 6553'. Western Co broke down perf 6537-44 using 50 bbls water, breakdown 2450 psi, established IR at 22 B/M 3600 psi. ISDP 1800 psi bled off press. Welex perf one jet/ft 6398-6405', 6408-16', 6420-25', 6480-84', had one misrun. Pumped 500 gals 15% HCl with 55 balls, IR 26 B/M at 2500 psi, good ball action, balled holes off, held 4200 psi - used 118 bbls water, bled press off, ran junk basket, recovered 40 balls 34 balls with perf marks. Western Co frac Dakota formation using 60,000 lbs 20-40 sand, 2426 HP, 1690 bbls of water with 2# FR-2 per 1000 gal water and a total of 30 gals FSF. IF 3200 psi, Max 3800 psi, Min 2500 psi, Ave 2750 psi, Final 3800 psi, ISDP 1500 psi, 15 min Shut in 1000 psi. Ave IR 36 B/M. Made two ball drops of 10 balls each first drop press increased 600 psi, 2nd ball drop press increased 600 psi and IR drop 5 B/M. Shut well in 3 hrs. Flowed well to pit overnight.

(CONT'D ON BACK)

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

SIGNED


Thomas A. Dugan

TITLE Petroleum Engineer

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE 1-13-78

DATE

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and report oral and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by a State law and regulations. Any necessary special instructions concerning the use of this form and the local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from the State or Federal office for specific instructions.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described to the State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as: reasons for the abandonment; date of any former or present fluid, contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any last casing; and final inspection looking to approval of the abandonment.

U.S. GOVERNMENT PRINTING OFFICE: 1964 O-885229

TEST WATER SHUT-OFF	REPAIR WELL	(Other)
FRACTURE TREAT		
SHOOT OF ACIDISE		
CHANGE PLANS		
ABANDON*		
MULTIPLE COMPLETE		
WATER SHUT-OFF		

Completion of Report results of well operations (Note: Report results of well operations and give pertinent details, including completion of recompletion operations (Clearly state all pertinent details and measured and true vertical depth of well.)

847-485

WATER SHUT-OFF

FRACTURE TREAT

SHOOT OF ACIDISE

CHANGE PLANS

ABANDON*

MULTIPLE COMPLETE

WATER SHUT-OFF

APPROVED BY _____

CONDITIONS OF APPROVAL, IF ANY:

SIGNED _____

TITLE _____

(This space for Federal or State office use)

Thomas A. Brown

TITLE _____

Geological Engineer

(CONT'D ON BACK)

Field
cable
rod to
local
fices,
agent,
n and
il site

1-5-78

Well dead. Went in hole w/tbg. Tagged sand @ 6450'. Reverse circulated sand out to 6540' by Western Co. pump truck. Landed tbg and hooked up well head. Ran total 202 jts 1-1/2" OD, 2.9# JCW-55 10R EUE tbg. TE 6487.44 set @ 6500' RKB.

1-9-78

Swabbing - Tbg 275#, csg 600#. Fluid level about 600' down. Fluid kicked off swab well, won't kick off - csg down to 500 psi. Laid down swab. Rig up BOP. Come out of hole w/tbg. Set Welex 4-1/2" Speed E Line bridge plug @ 6510' RKB. Csg venting gas and unloading some fluid. Left open to pit overnight. Recovered 16 ball sealers in bottom of pin jt.

1-10-78

Ran 201 jts 1-1/2" OD 2.9# JCW-55-10R EUE Tbg. TE 6456.04' set @ 6469' RKB. Landed donut and started swabbing. Fluid level about 600' down on 1st run. Swabbed fluid level down to about 2000'. Well tried to kick off. Csg press up to 200 psi. Shut well in and released rig.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

10-10-78