

6 - USGS

1 - Amerada Hess

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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
Box 208, Farmington, NM 87401

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

AT SURFACE: 1610' FNL - 1120' 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:

☒ Completion5. LEASE
Contract 37-B6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
A New Dawn9. WELL NO.
210. FIELD OR WILDCAT NAME
Basin Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec 14 T24N R5W

12. COUNTY OR PARISH
Rio Arriba13. STATE
NM

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6675' GL

(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 attached report for frac 1-10-81 and tubing 1-12-81.



Set @ _____ Ft.

Subsurface Safety Valve: Manu. and Type _____

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

SIGNED Im L. Jacobs TITLE Geologist DATE 2-19-81

(This space for Federal or State office use)

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

R.B.

- 9-29-80 P.O.O.H. w/ tbg. Rig up Jetronics. Run GR-CCL correlation log from PBTD 6874' to 5600'. Perforate Dakota formation 6793 to 6809, 6820 to 6839', 1 shot/2 ft., using 3-1/8" hollow carrier guns. Ran 216 jts 1 1/2" OD, 2.9#, U-55, 10 Rd EUE tbg. T.E. 6774.79 set @ 6783' RKB. Tbg has cross pin for swab stop.
- 9-30-80 Rig down B.O.P.. Nipple up well head - swabbed well down to 3000' - no gas. Rig broke down.
- 10-1-80 Swabbing - fluid level @ 3000'. Ran into oil saver with swab. Dropped swab in hole. Trip out of hole w/ tbg.
- 11-13-80 T - 100 psi (shut-in tbg pressure)
C - 340 psi (shut-in csg pressure)
- 11-14-80 Swab well 4 hrs - fluid level at 4000' - swab fluid down to 5000' - appears to be making some fluid. Csg. press 340, lowered to 210. Lost swab - sinker bar in hole.
- 1-9-81 Move in and rig up MTK Inc. T.O.H. w/ tubing; nipple up BOP.
- 1-10-81 Rig up Western Co. Load annulus and breakdown formation w/ 250 gals 15% HCl and 278 bbls fresh water; pumped 500 gals 15% HCl, dropped 10 ball sealers, perforations sealed w/ 115 bbls fresh water, G.I.H. w/ junk basket to dislodge balls. Mini - Max III-30 fracture of Dakota Formation as follows:
- Pumped 7980 gals fluid pad w/ 2% Hydrocarbons
Pumped 20,034 gals 1#/gal 20-40 sand w/ 2% Hydrocarbons
Pumped 19,992 gals 1.5#/gal 20-40 sand w/ 2% Hydrocarbons
Pumped 14,994 gals 2#/gal 20-40 sand w/ 2% Hydrocarbons
Pumped 9,660 gals 2#/gal 10-20 sand w/ 2% Hydrocarbons
Pumped 4.536 gals fresh water flush
- Total fluid pumped - 72,660 gals
Total sand - 80,010 pounds 20-40
 ~19,920 pounds 10-20
Max treating press ~4500 psi
Min treating press ~ 0 psi
Ave treating press ~3400 psi
ISDP - 2400 psi Final shut-in press 1800 psi after 15 mins.
Ave Injection Rate 39 bbls/min.
- 1-12-81 T.I.H. w/ tubing. Ran 217 jts. 1 1/2" 2.9# V-55 10 Rd. EUE tubing. T.E. ~6774.79', set at 6783' RKB. Released rig.