

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIED
(Other instructions
reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	5. LEASE DESIGNATION AND SERIAL NO. LC-032326-A
2. NAME OF OPERATOR Doyle Hartman	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 10426, Midland, Texas 79702	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 2180' FSL & 1980' FEL Section 20 (J)	8. FARM OR LEASE NAME Jack "A-20"
14. PERMIT NO.	9. WELL NO. 11
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3265.5 GR	10. FIELD AND POOL, OR WILDCAT Jalmat (Tansil-Yates-7R)
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 20, T-24-S, R-37-E NMPM
	12. COUNTY OR PARISH Lea
	13. STATE New Mexico

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.)

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.)
- 11-8-89 RU Clark Well Service. POOH w/rods and pump. Pulled tbg to 2944' RKB.
 - 11-9-89 RU Halliburton. Frac well down 7" x 2-3/8" annulus with 50-50% blend of gelled water as follows: 65,000 gals 50 quality foam prepad and pad + 27,000 gals 50 quality foam carrying 57,000 #20/40 sand + 56,000 gals 50 quality foam carrying 198,000 #12/20 sand + 67,000 gals 50 quality foam carrying 261,000 #8/16 sand and flushed with 4350 gals 50 quality foam. (Total fluid 2611 gals gelled water + 2611 gals CO2 + 516,000 # sand). Average rate 40.5 BPM, average pressure 1771 psig, max. pressure 1910 psig, min. pressure 1610 psig. ISIP 1010 psig. 15 min. ISIP 850 psig. Clean up well by flowing to pit.
 - 11-10-89 Lower tbg to 3284' RKB (sand fill found at 3392' RKB). Run 1-1/4" THD insert pump and 3/4" rod string. Placed well on test pumping 9 spm x 64" stroke.
 - 11-11-89 Increase pumping unit speed to 13-1/4 spm. TOOH w/1-1/4" pump and rods. Run 1-1/2" pump and rods. Pumping well at 13-1/4 spm x 64" stroke x 1-1/2" pump. Tested well to tanks.
 - 11-12 to 11-15-89 Well producing at average rate of 506 MCFPD and 165 barrels of water per day. Note it appears that the Jalmat dry gas interval has been watered out by uncontrolled offset water injection into the deeper Langlie Mattix pool previously held by the NMFU Group.

I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE Engineer

DATE 11-21-89

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*See Instructions on Reverse Side