

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN DUPLICATE*
(Other instructions on reverse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

LE-068535-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Copy to 27

7. UNIT AGREEMENT NAME

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8. FARM OR LEASE NAME

Hondo

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 31, T-19S, R-25E

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

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	
2. NAME OF OPERATOR MORRANTO COMPANY	
3. ADDRESS OF OPERATOR Drawer 1829, Midland, Texas	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 660' FWL & 1980' FWL, Sec. 31, T-19S, R-25E, Eddy County, New Mexico	
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3567 DF

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)

Drill Stem Tests

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.)*

- 10-5-64: DST #1: 5790 to 5824' Wolfcamp. 10 min preflow, TO-1 1/4 hrs strong blow initially, GTS 14 min stabilized after 1 hr & 15 min @ rate of 80 MCFD. Rec. 500' sulphur wtr. Rv .54 @ 60°, chl. 9600 ppm. Drilling wtr. Rv .40 @ 84°, chl. 650 ppm. IHP-2503 psi, 1 hr ISIP-2397, IFF-109, FFF-270, 1 1/4 hr PSIP-2236, still building gradually. FHP-2513 psi.
- 10-7-64: DST #2: 5995-6017' Wolfcamp, open w/ fair blow. No GTS. TO 1 hr. Rec. 320' sulphur wtr-very slight gas cut. Rv=.40 @ 62°, chl. 18000ppm. Rv pt wtr.=.45 @ 78° chl-1800 ppm. IHP-2626 psi, 1 hr ISIP-2347, IF-80, FF-142, 2 hr PSIP-2212, FHP-2616.
- 10-9-64: DST #3: 6100-6216' Wolfcamp. FB-WB. TO-60 min, 10 min preflow. GTS-18 min. Flow 20 MCF/D est. 7# on 1/4" chk. taken at end of test. Rec. 630' sulphur wtr. 35,000 ppm chl. Rv-0.16 @ 86°. Pit wtr. 200 ppm chl. Rv-3.3, IHP-2697, 60 min ISI-2539, IF-80, FF-314, 120 min PSI-2539, FHP-2702.
- 10-10-64: DST #4: 6226-6290' Wolfcamp sand. TO-1 hr. Few bubbles & died, 10 min preflow. IHP-2732, 1 hr ISI-2060 & still building. IF-39, FF-45, 2 hr PSI-2644 & still building, FHP-2737. Rec. 20' drilling wtr., 800 ppm chl.
- 10-15-64: DST #5: 7570 to 7643' Glaze. Open tool, weak blow 6 min & died, Took 1 hr ISIP. TO-45 min, 1 1/4 hr PSIP. Rec. 30' drlg. mud. Had no show & no drlg. break. IHP-3612, ISI-116, IFF-43, FF-43, PSI-102, FHP-3598.
- 10-16-64: DST #6: 7645 to 7685'. TO 7685'. Open for 5 min preflow. Took 1 hr ISIP-3022, TO-1 hr & 43 min, GTS in 10 min est. 10 MCFD rate. 2 1/4 hr PSIP-3022, rec. 15' HMC oil, 153' HMC mud, 90' HMC oil, 270' brackish muddy wtr. (See Reverse Side)

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

SIGNED

TITLE Reg. Prod. Supt.

DATE 10-21-64

(This space for Federal or State office use)

APPROVED BY
COMMISSIONER OF GEOLOGY, IF ANY:

TITLE

DATE

RECEIVED

OCT 28 1964

O. C. C.
ARTERIAL OFFICE

*See Instructions on Reverse Side

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local 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 is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

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- 10-18-64: DST #7: 7713-25' Cisco, TO 10 min preflow w/ very weak blow. ISI-1 hr opened tool for 10 min w/ 1 bubble, SI for 10 min, reopen w/ 2 bubbles. TO-45 min, 1 hr PSI-pulled tools, tools were plugged w/ cuttings, no recovery and no press.
- 10-19-64: DST #8: 7712-35', TO-1 hr & 30 min, strong blow thru out 5/8" bottom chk. & 1" top chk. GTS-8 min, stabilized w/ 10 psig on 1/4" chk. @ rate of 35 MCVPD. Rec. 270' free oil, 180' NOGCM (25% oil), 90' MGO (60% oil), 90' muddy brackish wtr., 180' clear wtr w/ slight sulphur odor (4000 ppm chl.). Oil Gr. 44.1 @ 60° Rv=1.5 @ 66°. IHP-3689, 1 hr & 5 min ISI-3102, FF-126, FF-308, 2 hr FSIP-3081, FHP-3668, BH temp. 140°. Top pkr. @ 7706' and bottom pkr. @ 7712'.
- 10-20-64: DST #9: 7757 to 7780'. 4 min preflow, strong blow. GTS in 4 min @ 194 MCVPD rate. Flow rate after 105 min-101 MCVPD. TO-148 min. Rec. 370' free oil, 230' NOGCM, 109' black fresh sulphur wtr. Oil Gr. 42.3 @ 60°. Fit mud 650 ppm chl, Rv @ 72° = 1.83. Free wtr. from test 1150 ppm chl., Rv @ 72° = 1.3. 65 min ISIP-3113, IFF-92, FFF-231, 150 min FSIP-3113, BH temp. 142°.
- 10-21-64: DST #10: 7788 to 7810'. TO-90 min, GTS in 5 min @ 261 MCVPD rate, dec. to rate of 52 MCVPD @ end of test. Recovered 1860' OGCM muddy fresh wtr. emulsion (10 to 60% oil) and 1173' sl. GC black fresh wtr. w/ trace of oil. (Breakdown: 12 1/2 BW, 1.4 BO & 8/10 B mud) HP in & out-3748, 60 min ISIP-3113 IFF-277, FFF-1018, 90 min FSIP-3113.