

Form 3160-5
(June 1990)

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MAY 3 10 45 AM '93

CONS. COMMISSION

Drawer DD

Stesla, NM 88210

~~OPERATORS COPY~~

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Merit Energy Company

3. Address and Telephone No.

12221 Merit Drive, Suite 500, Dallas, TX 75251

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec. 5 T24S R31E
1980' FWL 660' FNL

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No

NM031963

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Sundance Federal #5

9. API Well No.

10. Field and Pool, or Exploratory Area

Delaware, Wildcat

11. County or Parish, State

Eddy

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Drilling Reports

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

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

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, incl. give subsurface locations and measured and true vertical depths for all markers and zones pertinent to)

04/26/93 SHUT DOWN, EVALUATING COMPLETION OPTIONS.

04/27/93 SHUT DOWN, WAITING ON COMPLETION
DC \$0

04/28/93 RU WL AND RAN GR/CLL. CORRELATED TO OPEN HOLE LOG. PERFORATED 1 SPF @ 7816, 7817, 7820, 7821, 7822, 7823, 7833, 7834, 7835, 7841, 7916, 7920, 7931, 7941, 7949, 7981, 7982, 7985, 7986. 19 HOLES TOTAL. RD WL. RIH WITH 6 JTS 2 7/8 TBG, MOD R PKR TO 7973 ON 2 7/8 TBG. RU ACID ENGINEERING TO ACIDIZE. SPOT 175 GAL 7 1/2% NEFE ACID ACROSS PERFS. PICK UP 6 JTS AND LAY DOWN. SET PKR @ 7594 WITH EOT @ 7783.5. TEST BACKSIDE TO 500#. OPEN BY PASS ON PKR AND CIRCULATED ACID TO PKR. LOCK IN 500# ON CSG AND CLOSE BY PASS. START ACID JOB. PUMP @ 7 BPD, 2100#. ACHIEVED BALLOUT WITH 24 BALLS ON FORMATION, PRESSURE TO 5310#. SURGE BALLS OFF AND RESUME PUMPING @ 8.8 BPM, 3500#. BALLOUT AGAIN. SURGE BALLS AND RESUME PUMPING FLUSH. ISIP 570#, 5 MIN 330#, 10 MIN 280#, 15 MIN 270#. PUMPED 1500 GAL ACID TOTAL. START SWABBING WELL TO PITS. SWAB BACK 45 BBLS 2% KCL FLUSH, 15 BBLS ACID WATER. BEGAN CUTTING OIL ON SECOND SWAB RUN. SWITCH LINE TO TEST TANK. SWAB 15 BBLS WITH TRACE OF OIL. OIL CUT IMPROVING TO 10 TO 15% BUT APPEARS TO BE EMULSIFIED. NEED 25 MORE BBLS TO RECOVER LOAD. SDFN.
DC \$8021

TCTD = \$330,903.17

04/29/93

SI PSI OVERNIGHT 720 PSI. WELL FLOWED APX 20 MIN. 3 1/2 BBLS FLUID 100% OIL. RIH W/ SWAB TAG FLUID AT 3800' FROM SURFACE. 1ST RUN 100% OIL. 2ND RUN 50% OIL; 20% EMULSION; 30% H2O. 3RD RUN 50% OIL; 20% EMULSION; 30% H2O. 4TH RUN 60% OIL; 20% EMULSION; 25% B2O. 5TH RUN 60% OIL; 20% EMULSION; 20% H2O. SI ONE HOUR. TBG BUILD UP 155 LBS. BLEW WELL DN, NO FLUID. RIH W/SWAB 700 TO 800 FEET FLUID ENTRY. TAIL END OF SWAB SAMPLE 60% OIL; 20% EMULSION; 20% H2O. TOTAL RECOVERY TO THIS POINT, 28 BO; 29 BW. ALL OF LOAD BACK AT THIS TIME. TOTAL RECOVERED 130 BBLS. TOTAL SWABED BACK AT 5 PM, 30BW; 48 BO. END OF DAY, CUT 90% OIL. TOTAL FLUID TO END OF DAY, 151 BBLS TOTAL FLUID. WSU \$950 BOP \$35 DC \$ 985

TCTD = \$331,888.17

4/30/93

TBG 500 PSI. OPEN TO TANK, WELL FLOWING. AT 11:45 HAD MADE TOTAL FO 27 BW. 73 BO FOR TODAY THAT IS 3 BW; 25 BO. HOOK UP WELL TESTER. 12:00 NOON 12/64 CHOKE 120 LBS TBG WELL SWEEPING FROM 100 TO 200 MCF MAKING FLUID. TOTAL FL 105 BBLS; 30 BW; 75 BO, MADE 3 BW; 2 BO. 12:30 WELL DEAD 50 LBS TBG. MAKE SWAB RUN FL 4200' 1:00 TOTAL FL 110 BBLS; 30 BW; 80 BO; MADE 0 BW; 5 BO. 1:30 TOTAL FL 115 BBLS; 30 BW; 85 BW; MADE 5 BO. 2:00 FL 6400' SWABBING FROM SN TOTAL FL 121 BBLS; 30 BW; 91 BO; MADE 6 BO. SI 1 HR TBG BUILD UP TO 160 PSI; OPEN UP A BLEED DN, RIH W/ SWAB FL 6500' STRING TAIL GAS 250 PSI. TOTAL FL 129 1/2 BBLS 30 BW; 99 1/2 BO MADE 8 1/2 BBLS OIL. TOTAL H2O RECOVERED TODAY 3 BBLS TOTAL OIL RECOVERED TODAY 51.5 BBLS DC \$2014

TCTD = \$333,902.17

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

Signed

Title

Date

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any: