

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CONSERVATION DISTRICT
Drawer DD
Artesia, NM 88210

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.
NMNM031963

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.
30-039-27395

10. Field and Pool, or Exploratory Area

Sand Dunes W. Delaware

11. County or Parish, State

Eddy, NM

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 Gas
☒ Well ☐ Well ☐ Other

2. Name of Operator

Merit Energy Company

3. Address and Telephone No.

12222 Merit Drive, Suite 1500, Dallas, TX 75251 (214) 701-8377

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

660' FNL & 1980' FWL
SEC. 5 T24S R31E

12. ECK 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 Add pay to existing reservoir

- ☐ 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 detail, 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.)*

Plan to add additional perforations in the Delaware Sand. Current perms are at 7816' - 7986'.
We will add perms at 7568' - 7584'.

See attached workover procedure.

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

Signed Sherry J. Carruth

Title Regulatory Manager

Date 11/16/94

(This space for Federal or State office use)

Approved by **(ORIG. SGD.) JOE G. LARA**

Title **PETROLEUM ENGINEER**

Date 12/13/94

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

***See Instructions on Reverse Side**

WORKOVER PROCEDURE
SUNDANCE FEDERAL #5
SAND DUNES WEST FIELD
EDDY COUNTY, NEW MEXICO

BACKGROUND: THE SDF #5 IS CURRENTLY PRODUCING 28 BOPD, 200 MCFPD & 58 BWPD. IT IS RECOMMENDED TO ADD UPPER BRUSHY DELAWARE PAY AND RWTP.

CASING: 5 1/2", 15.5 & 17#. COLLAPSE @ 4040#, BURST @ 4810#.
TUBING: 2 7/8", 6.5#, J-55. COLLAPSE @ 7680#, BURST @ 7260#.

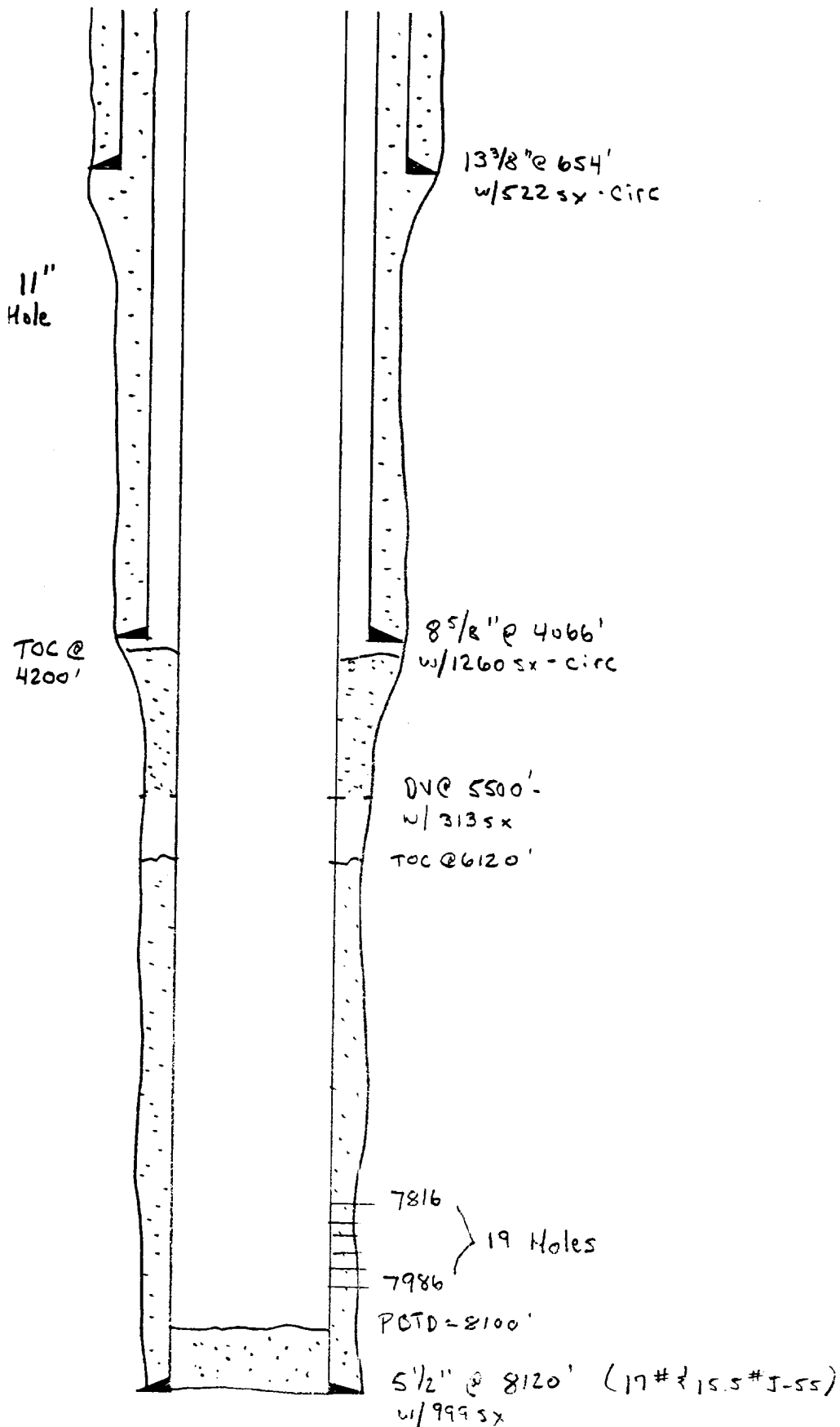
PROCEDURE:

1. MIRU WSU. POOH WITH RODS AND PUMP. VISUALLY INSPECT AND REPLACE AS NECESSARY. NU CLASS III BOP'S. POOH WITH 2 7/8" PRODUCTION TUBING. VISUALLY INSPECT AND REPLACE AS NECESSARY.
2. RIH W/4 3/4" BIT AND 5 1/2" SCRAPER AND CLEANOUT TO 8100'. CIRCULATE CLEAN & POOH WITH BIT & SCRAPER.
3. RU WIRELINE AND RIH WITH RTBP & SET AT 7650'; TEST TO 500#. RIH WITH 3 3/8" CASING GUN W/GAMMA RAY. CORRELATE DEPTHS TO THE SCHLUMBERGER CEMENT EVALUATION LOG DATED 4/23/83. PERFORATE 2 SPF IN THE UPPER BRUSHY SAND PER THE ATTACHED PERF SHEET. CASED HOLE EQUALS OPEN HOLE DEPTHS. POOH AND RD WIRELINE.
4. HYDROTEST TO 6000 PSI WHILE RIH WITH 5 1/2" FRAC PACKER ON 2 7/8" WITH 1 JOINT OF TAILPIPE. SET THE PACKER AT 7560' AND TEST THE BACKSIDE TO 500 PSI.
5. RU AND ACIDIZE AS FOLLOWS:

ACID: 1000 GALS 15% HCL W/INHIBITOR, IRON CONTROL & NEA.
A. UNSET PKR AND SPOT 1 BBL ACID. RAISE THE PACKER AND SET AT 7480'. TEST THE BACKSIDE.
B. PUMP THE REMAINING ACID AT A MAXIMUM RATE. RECORD ISIP, MIN & 10 MIN SI PRESSURES.
6. SWAB TEST THE WELL. DISCUSS ENTRY AND OIL CUT WITH DALLAS OFFICE BEFORE PROCEEDING WITH FRAC.
7. RU BJ AND FRAC PER PROCEDURE. TAG FRAC W/SINGLE ISOTOPE.
8. FLOW BACK WELL ON A 10/64" CHOKE, OPEN CHOKE AS NECESSARY TO MAINTAIN FLOW. IF THE WELL PRODUCES SAND OR UNBROKEN GEL, SHUTIN IMMEDIATELY.
9. WHEN THE WELL CEASES TO FLOW, UNSET THE PACKER AND POOH. RIH AND CLEANOUT TO RTBP. RETRIEVE RTBP. RIH WITH PRODUCTION AND ARTIFICIAL LIFT EQUIPMENT. RWTP. ND BOP'S. RD WSU.

S dance Federal #

Wellbore Sketch



PERF SHEET
SUNDANCE FEDERAL #5
DELAWARE "ADD - PAY"

DEPTH

7568	7577
7569	7578
7570	7579
7571	7580
7572	7581
7573	7582
7574	7583
7575	7584
7576	

TOTAL = 34 SHOTS (2 SHOTS/FT)

REFERENCE LOG: SPECTRAL DENSITY / DUAL-SPACED NEUTRON LOG
(HALLIBURTON) DATED 4/18/93

⚡
Schlumberger's Cement Evaluation Log dated
4/23/93.