

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

LAND CONS COMMISSION
Artesia, NM 88210

PROVED
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. HECK 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.)*

See attached completion report.

ACCEPTED FOR RECORD

J. Lane
24

ARIZONA, NEW MEXICO

RECEIVED

OCT 31 1995

OIL CON. DIV.
DIST. 2

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

Signed *Sheryl A. Smith*

Title Regulatory Manager

Date 9/6/95

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

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

Daily Operations Report

Well:	SUNDANCE FEDERAL 5	Objective:	add upper brushy delaware pay
Field:	SAND DUNE WEST	Job Type:	Add Pay
County:	EDDY	AFE #:	992
State:	NM	WI:	46.08% AFE Amount: \$60,000.00
District:	West	NRI:	38.52% Cost To Date: \$82,563.00

Date 12/27/94 Daily Cost \$3,740.00

MIRU WSU, POOH W/PUMP & RODS. NU BOP, TAGGED @ 8100.25. POOH W/TBG TALLYING OUT & PU RTBP. RIH W/TBG & RTBP. SET @ 7659, TESTED TO 500#, HELD PSI. SDON.

Date 12/28/94 Daily Cost \$2,966.00

OPENED WELL UP & POOH W/TBG. MIRU WIRELINE & PERFORATED 7568, 7569, 7570, 71,72,73,74,75, 76, 77, 78, 79, 80, 81, 81, 83, & 84, W/3 3/8 GUNS 2 SPF. RD WIRELINE. MIRU HYDROTESTERS, TESTED TBG TO 6000# PSI W/5 1/2 MODEL R BIG BORE PACKER & 237 JTS 2 7/8 TBG. SPOTTED 1 BBL ACROSS PERFS. POOH W/ PKR UP TO 7466 & ACIDIZED WELL W/1000 GALS 15% BREAKDOWN 1900# PSI, MAX PSI 1152#, MIN PSI 929# PSI, AVG PSI 1100# PSI. MAX RATE 3.9 BPM, AVG RATE 3.9 BPM, LOW RATE 2.3 BPM. ISIP 540#, 5 MIN 474, 10 MIN 445, 15 MIN 426, FLOWED WELL BACK. RU SWAB, MADE 8 RUNS, RECOVERED 31 BBLs W/ A FRACE OF OIL. SDON.

Date 12/29/94 Daily Cost \$929.00

TBG PSI 40, TIH W/SWAB TAG FLUID 1000' FROM SN. SWABBED WELL DRY W/CUT 30% H2O, 20% OIL, 50% EMULSION. SDON.

Date 12/30/94 Daily Cost \$2,176.00

TBG PSI 25#, FL @ 1000' ABOVE SN. SWABBED WELL DRY CUTTING 30% H2O, 20% OIL, 50% EMULSION. SWABBED BACK 10 BBLs & SI. MIRU FRAC TANK & HAULED IN 480 BBLs FRESH H2O. SDON.

Date 12/31/94 Daily Cost \$505.00

MIRU BJ, PREP TO FRAC W/61000# RESIN 16/30 SAND. TREATING PERFS FROM 7568' TO 7584'(34 HOLES). STARTED FRAC, PUMPED 34 BBLs PRE PAD, TBG 0 PSI, PUMPED 43 BBLs PAD. TBG 460# PSI. STARTED SAND RAMP 1.5 TO 5# IN 57 BBLs OF FLUID. STARTED 5 TO 7# RAMP IN 143 BBLs. STARTED 7-8 # RAMP W/1350 PSI TBG. SCREEN OUT WENT TO FLUSH. TOTAL SCREEN OUT W/5 BBLs FLUSH W/5200# PSI ON TBG. SI WELL WENT ON VAC. APPROX 9000# SAND IN FORMATION. CLEANED VOLUME PUMPED 285 BBLs, AVG PSI 1200#, MAX PSI 5200#. AVG RATE 8.1, LOW RATE 7.5, MAX RATE 8.5, ISIP VAX. RD BJ, SENT CREW TO HOUSE. SDON.

Date 1/1/95 Daily Cost \$17,117.00

MIRU CUDD COIL TBG UNIT, PUMP, & NITROGEN STARTED IN HOLE. STARTED WASHING SAND 2000' FROM SURFACE, IT WAS A BRIDGE. TAGGED UP @ 5150' SOLID SAND WASHED DN TO RTBP(7650'). CIRCULATED HOLE CLEAN. RD CUDD. SDON.

Date 1/2/95 Daily Cost \$2,028.00

TBG PSI 50#, STARTING FLUID LEVEL 2300' FROM SURFACE. SWABBED BACK 150 BBLs, FLUID LEVEL ENDING. FLUID LEVEL 5300' FROM SURFACE, CUTTING 15% OIL, EMPTIED WORKOVER PIT & FAC TANK. SDON.

Date 1/2/95 Daily Cost \$2,471.00

RIH W/BLADE BIT & TAGGED SAND @ 7516'. WENT THROUGH BRIDGE & CONTINUED PUMPING & REGAIN CIRC, PUMPING IN 6 BBLs PER MIN. RECOVERING 2 BPM CIRC TO RTBP @ 7653'. LOST TOTAL OF 320 BBLs FLUID. POOH W/2 7/8 TBG & BIT. RD REVERSE UNIT, CLEANED & EMPTIED PIT. STARTED RIH W/ PROD STRING. SDON.

Date 1/3/95 Daily Cost \$3,240.00

POOH W/TBG & PKR. RIH W/SN 7JTS 2 7/8 TBG & TAC AND REST OF TBG. HUNG SN @ 7600'. RIH W/PUMP & RODS. RWTP. SDON.

Date 1/5/95 Daily Cost

TEST: TBG PSI 250#, CSG PSI 70#, 8 OIL, 66 H2O, 75 MCF.

Date 1/6/95 Daily Cost

TEST: 7 OIL, 60 H2O, & 76 MCF

Daily Operations Report

Well:	SUNDANCE FEDERAL 5	Objective:	add upper brushy delaware pay
Field:	SAND DUNE WEST	Job Type:	Add Pay
County:	EDDY	AFE #:	992
State:	NM	WI:	46.08% AFE Amount: \$60,000.00
District:	West	NRI:	38.52% Cost To Date: \$82,563.00

Date 1/7/95 Daily Cost \$1,495.00

TEST: OIL 3, H2O 8, MCF 40. MIRU WSU. UNSEAT, POOH, ND WELL, UNSET TAC. NU BOP, POOH, TIH W/ON & OFF TOOL. RU KILL TRUCK. LATCHED ON, POOH, RAN SN, 23 JTS, TAC, 40 STDS. SDON.

Date 1/8/95 Daily Cost \$940.00

MIRU WSU. FINISHED TIH ND BOP, SET TAC. NU WH. RUN 12' GAS ANCHOR, PUMP, LIFT SUB, & RODS. TAGGED SPACE OUT, HUNG ON. RD.

Date 1/17/95 Daily Cost \$3,000.00

OPENED WELL UP & POOH W/PUMP & RODS, NU BOP & POOH W/TBG, 255 JTS 2 7/8 8 RD. RIH W/5 1/2 BIG BORE PKR & 5 1/2 LOC-SET RTBP & TBG. SET RTBP @ 7650' & TESTED 2000#, HELD PSI GOOD RELEASED PKR & POOH W/TBG & SET PKR @ 7466' & LOAD ANNULUS W/75 BBLs PRODUCED H2O & TESTED GOOD TO 500# SDON.

Date 1/18/95 Daily Cost \$26,138.00

MIRU FRAC TANK & FILLED W/490 BBLs FRESH H2O. MIRU BJ SERVICES. PREPARE TO FRAC. FRAC DN 2 7/8" TBG. PERF INTERVALS 7588' TO 7584' (34 HOLES) W/1500 GALS PRE-PAD. 16,000 GALLONS PAD & FRAC W/61,135# OF 16/30 SUPER LC SAND, RAMP FROM 1.5# TO 8#. AVG RATE 9.9 BPM, MAX PSI 2020#, AVG PSI 1500#, ISIP 400# PSI, THEN WELL WENT TO VAC. SDON

Date 1/19/95 Daily Cost \$1,134.00

NO TBG PSI, FLUID LEVEL 10' FROM SURFACE, SWABBED 62 BBLs TOTAL FLUID. SWABBED FROM 6800', W/STONG GAS BLOW & TRACE OIL, SAND STUCK SWAB CUPS AT 4000' FROM SURFACE, WORKED FREE, SDON.

Date 1/20/95 Daily Cost \$2,662.00

TBG 200# PSI, OPENED & BLED DN PSI. MIRU HOT OILER, PSI UP ON BACKSIDE TO 500# PSI. RU STRIPPER HEAD, OPENED BOP UNSET PACKER. POOH W/TBG & PACKER, MIRU REVERSE UNIT, HAULED IN H2O & FILLED REVERSE PIT. RIH W/NOTCHED COLLAR & TBG. TAGGED FILL @ 7516', WORKED ON CUTTING THROUGH SAND BRIDGE. CUT BRIDGE FOR 3 1/2 HRS WITH NO SUCCESS. POOH W/TBG & TALLIED TO CONFIRM DEPTH. SDON.

Date 1/22/95 Daily Cost \$1,175.00

FINISHED RIH W/TBG. ND BOP, NU WELLHEAD. RIH W/25' 1 1/4 - 3 TUBE PUMP W/STANLEY FILTER ON BOTTOM. HUNG WELL OFF, CHECKED PUMP ACTION. SDON.

Date 1/23/95 Daily Cost \$723.00

RD WSU. LOAD & TESTED PUMP. RESUME WELL TO PRODUCTION. CASING ON VAC. PICKING UP FLUID BTM 18" OF STROKE. SDON

Date 1/24/95 Daily Cost

TEST: NO OIL, NO MCF, & 84 H2O.

Date 1/25/95 Daily Cost

TEST: NO OIL, NO MCF, & 88 H2O.

Date 1/30/95 Daily Cost

TEST: 5 OIL, 58 MCF, & 92 H2O.

Date 1/31/95 Daily Cost

TEST: 18 OIL, 58 MCF, & 34 H2O.

Date 2/3/95 Daily Cost \$1,566.00

MIRU WSU & POOH W/PUMP & RODS. NU BOP. POOH W/TBG 2 7/8-8 RD & HAD A PIECE OF GAS ANCHOR ON RTBP @ 7650'. SI & SDON.

Daily Operations Report

Well:	SUNDANCE FEDERAL 5	Objective:	add upper brushy delaware pay
Field:	SAND DUNE WEST	Job Type:	Add Pay
County:	EDDY	AFE #:	992
State:	NM	WI:	46.08% AFE Amount: \$60,000.00
District:	West	NRI:	38.52% Cost To Date: \$82,563.00

Date 2/4/95 Daily Cost \$2,236.00

MIRU WIRELINE, RIH W/4 1/2-4BLADED SPIKE TO GRAB ONTO SAND SCREEN. MADE 3 RUNS WITH NO SUCCESS. RIH W/SPEAR WITH NO SUCCESS. RIH W/3 1/2" BLADED SPIKE MADE 3 RUNS, RECOVERED SOME OF WIRE ON SAND SCREEN. WIRELINE FISH WAS UNSUCCESSFUL. RD WIRELINE. SDON.

Date 2/5/95 Daily Cost \$3,361.00

MIRU REVERSE UNIT. RIH W/WASH PIPE INTERNALLY COATED W/CUT-RIGHT, 4 DRILL COLLARS & 2 7/8" PIPE. CUT 40", POOH W/ SAME. RIH W/RTBP, RETRIVING HEAD LATCHED ON & POOH. W/RTBP TO 10 STANDS. SDON.

Date 2/6/95 Daily Cost \$2,961.00

POOH W/RTBP. LAID DN DRILL COLLARS, RIH W/PRODUCTION EQUIPMENT. RWTP. SDON.

Date 2/7/95 Daily Cost

TEST: 100 H2O, 20 MCF, NO OIL

Date 2/8/95 Daily Cost

TEST: 9 OIL, 54 MCF, & 127 H2O.

Date 2/9/95 Daily Cost

TEST: 20 OIL, 57 MCF, & 124 H2O.

Date 2/10/95 Daily Cost

TEST: 30 OIL, 110 H2O, 98 MCF. FRW