

Form 3160-5
(June 1990)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

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 19935. Lease Designation and Serial No.
JIC 145

6. If Indian, Allottee or Tribe Name

Jicarilla

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Jicarilla K #11E

9. API Well No.

30-039-25395

10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

Rio Arriba, NM

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Merit Energy Company

3. Address and Telephone No.

214-701-8377

12222 Merit Drive, Suite 1500 Dallas, Texas 75251

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

850' FNL & 1800' FEL
Sec. 2 T25N R15W

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

- ☐
- 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, 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 Reports

RECEIVED
JUL 21 1994
OIL CON. DIV.
DIST. 3

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

Signed Shirley Mondy Title Regulatory Administrator

(This space for Federal or State office use)

Date 6/22/94Approved by SHIRLEY MONDYTitle Chief, Lands and Mineral ResourcesDate JUL 19 1994

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 or agency 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: JICARILLA "K" 11-E	Objective: DRILL & COMPLETE
	Job Type: D&C
Field: JICARILLA	AFE #: 581
County: RIO ARRIBA	WI: 50.00% AFE Amount: \$372,400.00
State: NM	NRI: 43.75% Cost To Date: \$276,734.00
District: West	

Date 5/30/94 Daily Cost \$14,634.00

HAULED IN H2O. BUILT LOCATION, LINED PITS, BUILT CELLAR, TOOK CARE OF SIGNS & PERMITS.

Date 5/31/94 Daily Cost \$9,335.00

TD = 343'. SPUD @ 10:30 PM MADE 343' @ 4 15 AM. DEVIATION SURVEY: 93' - 1/2 DEG, 303' - 1/4 DEG. CIRC & POOH
. PICKED UP 8 5/8" - 24# CSG.

Date 6/1/94 Daily Cost \$12,868.00

TD = 818', MADE 473' - DRG 111' PER HR. DEVIATION SURVEY: 562' - 3/4 DEG. MUD WT 8.4, VIS 32, Ph 9.0, WATER LOSS 6.0. FINISHED RUNNING 8 5/8" CSG, SHOE @ 343', FLOAT COLLAR @ 298'. CIRC HOLE VOLUME. RIGGED UP HALLIBURTO, PUMPED, 260 SX - 115.6# PER GAL STANDARD CEMENT W/2% CALCIUM CHLORIDE & 1/4 # SX FLOCELX. DISPLACED W/FW, BUMPED PLUG W/NO FLOW BACK. WOE 4 HRS. MADE CUT OFF, WELDED SURFACE HEAD, TESTED, NU BOP'S & TESTED BOP'S. TIH, DRILLED OUT CMT, FLOAT COLLAR & SHOE.

Date 6/2/94 Daily Cost \$21,448.00

TD = 2457', MADE 1541' @ 83' PER HR (HAD 3 HRS - POOH & REPAIRED TRANSMISSION). DEVIATION SURVEY: 879 - 1/4 DEG, 1338 - 3/4 DEG, 1826 - 1 1/2 DEG, 2198 - 1 1/4 DEG. MUD WT 8.9, VIS 34, Ph 9.5, WATER LOSS 8.0.

Date 6/3/94 Daily Cost \$14,466.00

TD = 3413' MADE 956' AT 51' PER HR. DEVIATION SURVEY: 2706' @ 1 1/2 DEG., 3194' @ 1 DEG. MUD WT 8.9 VIS 45, PH 9.5, WATER LOSS 8.0. CURRENTLY MAKING BIT TRIP.

Date 6/4/94 Daily Cost \$12,080.00

TD = 4200' MADE 787' AT 55' PER HR. DEVIATION SURVEY: 3383' @ 1 DEG, 3891' @ 1 DEG. MUD WT. 9., VIS 42, PH 9.0, WATER LOSS 8.0. FINISH MAKING BIT TRIP. HAD TO WASH FROM 1050 - 2167 AND 3280 - 3418'. GAS SHOWS - TOP OF FRUITLAND @ 3010' (3100 - 06 - COAL 120 UNITS), 3120 - 22' (COAL 140 UNITS), TOP OF P.C. @ 3168' (3168 - 80' - SAND 100 UNITS), (3212 - 18' - COAL 80 UNITS)

Date 6/5/94 Daily Cost \$10,293.00

TD = 4805' MADE 605' AT 34' PER HOUR. DEVIATION SURVEY: 4390' @ 1 1/2 DEGREE, 4641' @ 2 DEGREE, MUD WT. 9.0, VIS 45, PH 9.0, WATER LOSS 8.0.

Date 6/6/94 Daily Cost \$8,238.00

TD = 5305, MADE 500' @ 23' PER HOUR.. DEVIATION SURVEY: 4767' - 2 DEG. MUD WT 9.0, VIS 44, Ph 9.0, WATER LOSS 8.0.

Date 6/7/94 Daily Cost \$8,503.00

TD = 5700' MADE 400' @ 20' PER HR. DEVIATION SURVEY: 5285' - 1 DEG. MUD WT 8.9 VIS 46 Ph 9.0 WATER LOSS

Date 6/8/94 Daily Cost \$12,036.00

TD = 6272'. MADE 564' @ 36' PER HR. MADE BIT TRIP. MUD WT 8.8, VIS 46, PH 9.5, WATER LOSS 6.0.

Date 6/9/94 Daily Cost \$11,572.00

TD = 7025', MADE 753 AT 34' PER HR. DEVIATION SURVEYS 5742' AT 1 1/4 DEGREES, 6265' AT 3/4 DEGREES, 6785' AT 3/4 DEGREES. MUD WT. 9.0, VIS. 46, PH 9.0, WATER LOSS 6.0.

Date 6/10/94 Daily Cost \$7,399.00

TD = 7375' MADE 350 AT 23' PER HR. DEVIATION SURVEY - 7254 AT 1/4 DEGREE, MUD WT - 8.9, VIS - 48, PH - 9.0, WATER LOSS - 8.0. MAKE BIT TRIP.

Daily Operations Report

Well: JICARILLA "K" 11-E	Objective: DRILL & COMPLETE
Field: JICARILLA	Job Type: D&C
County: RIO ARRIBA	AFE #: 581
State: NM	WI: 50.00% AFE Amount: \$372,400.00
District: West	NRI: 43.75% Cost To Date: \$285,205.00

Date 6/11/94 Daily Cost \$7,268.00

TD = 7640', MADE 386' AT 16' PER HR. MUD WT. - 9.0, VIS - 80, PH - 9.0, WATER LOSS 6.0.

Date 6/12/94 Daily Cost \$3,016.00

TD = 7679', SCHLUMBERGER WIRELINE TD = 7685'. MADE 39'. DEVIATION SURVEY - 7666 @ 1 DEGREE., MUD WT. - 8.8, VIS - 80, PH - 9.0, WATER LOSS - 9.0. TD 9:00 A.M., CIRC AND MAKE SHORT TRIP. CIRC. POOH, RIG UP SCHLUMBERGER, FIRST LOG ON BOTTOM AT 11:00 P.M. FOOH LOG AND RIG DN SCHLUMBERGER. TIH AND CIRC.

Date 6/13/94 Daily Cost \$95,380.00

TD = 7679', WIRELINE 7685'. FINISHED CIRC. POOH LAYING DN DRILL PIPE. RU CSG. CREW. PU 169 JTS. 4 1/2 CSG. 878 OF 11.6# PER FT. ON BOTTOM 6420' 10.5 # PER FT. IN MIDDLE 598' 11.8# PER FT ON TOP. FLOAT SHOOT 7679, FLOAT COLLAR 7661. 2ND STAGE DV TOOLS 6013. 3RD STAGE DV TOOLS 3021. CIRC. 2 HRS AND DROP VISCOSITY OF MUD FROM 80 BIFS TO 45 BIFS. RU DOWELL. PUMP 1ST STAGE 10 BBLS FRESH WATER, 10 BBLS F - 1, 10 BBLS FRESH WATER, 430 SXS OF 35/65 POZ/G + 2.5% D - 20 + .4% D - 156 + 5# PER SX D - 42 + 1/2# PER SX D - 29 + .15% D-65 + .2% D-46 + 2% S - 1. DROP PLUG PUMP 30 BBLS FRESH WATER + 91.8 BBLS MUD. DID NOT BUMP PLUG OVER DISPLACED 1 BBL. SHUT DN BLEED OFF PRESSURE WITH NO FLOW BACK. DROP 2ND STAGE OPENING PLUG. OPEN 2ND DV TOOL. CIRC 25 BBL (107 SX) CEMENT TO SURFACE CIRC. TOTAL OF 4 HRS. PUMP 2ND STAGE - SAME PRE-FLUSH AS 1ST STAGE. PUMP 437 SX OF LEAD 35/65 POZ/G + 6% D - 20 + 5% D - 112 + 1/4# PER SX D - 29 + 5# PER SX D - 42 + .2% D - 46 + 2% S - 1. FOLLOW WITH 270 SX TAIL 35/65 POZ/G + 2.5% D - 20 + .4% D - 156 + 5# PER SX D - 42 + 1/4# PER SX D - 29 + .15% D - 65 + 2% S - 1 + 2% D - 46. DROP PLUG DISPLACE WITH 50 BBLS FRESH WATER AND 45 BBLS MUD. BUMP PLUG. CLOSE DV TOOL WITH NO FLOW BACK. DROP 3RD STAGE. OPEN PLUG. OPEN 3RD DV TOOL. CIRC 5 BBLS LEAD CEMENT TO SURFACE (15 SX) CIRC. 4 HRS. PUMP 3RD STAGE SAME PRE-FLUSH AS 1ST & 2ND STAGES. 520 SX LEAD. 35/65 POZ/G + 6% D - 20 + 5# PER SX D - 42 + 1/4 # PER SX. D - 29 + .5% D - 42 + 2% S - 1 + .2% D - 46. FOLLOWED BY 125 SX TAIL CLASS G + 2% S - 1 + 1/4# PER SX D - 29. DROP PLUG DISPLACE 48 BBLS FRESH WATER. BUMP PLUG. CLOSE DV TOOL WITH NO FLOW BACK. CURRENT OPERATIONS - ND BOP TO SET 4 1/2 SLIP.

Date 6/14/94 Daily Cost \$7,038.00

TD = 7679' BY WIRE LINE 7685'. FINISH NIPPLE DOWN BOP'S, SET SLIPS ON 4 1/2" CSG. MAKE CUT-OFF. RIG DN 4 - CORNERS RIG. RELEASE RIG 1:00 P.M.

Date 6/15/94 Daily Cost \$21,162.00

MIRU BIG A WELL SERVICE. PICK UP 3 7/8" BIT AND 4 D.C.'S. PICK UP 2 3/8" TBG. AND TIH. TAG CMT. @ 2930', DRILL OUT CMT. AND 3RD STAGE COLLAR @ 3021'. TEST 2500#. TIH PICKING UP TBG. TO 5500'. SDON.

Date 6/16/94 Daily Cost \$8,471.00

FINISH TIH TAG CEMENT @ 5960'. DRILL OUT DV TOOL @ 6013'. TEST TO 2500#. CONTINUE TO TIH. TAG PLUG @ 7648'. DRILL CEMENT OUT TO PLUG BACK TD 7681'. TEST TO 2500#. CIRC. HOLE WITH 2% KCL. PULL OUT OF HOLE WITH BIT. RIG UP SCHLUMBERGER. RUN CET & CBL COMBINATION FROM PLUG 7658' TO 5882'. SHUT OFF TOOL, PICK UP TO 3809'. CONTINUE WITH CET & CBL FROM 3609' TO 2185'. POOH. RIG DN SCHLUMBERGER. SDON