

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED	
Budget Bureau No. 1004-0135	
Expires: March 31, 1993	
5. Lease Designation and Serial No.	JIC 104
6. If Indian, Allottee or Tribe Name	Jicarilla Apache
7. If Unit or CA, Agreement Designation	
8. Well Name and No.	Jicarilla "E" 8 <i>EM</i>
9. API Well No.	30-039-25423
10. Field and Pool, or Exploratory Area	Blanco Mesaverde
11. County or Parish, State	Rio Arriba, New Mexico

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)

NE SW *R*
SEC. 15, T-26N, R-4W
1550' FSL & 1650' FWL

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input checked="" type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other Water Disposal Method
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> 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.)*

Merit Energy Company hereby requests approval to recomplate to the Blanco Mesaverde and return well to production as a dual with Basin Dakota. *Flowline Change*

See attached proposed procedure.

RECEIVED
MAR 30 1995

OIL CON. DIV.
DIST. 3

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

Signed *[Signature]*

Title Regulatory Manager

Date 3/15/95

(This space for Federal or State office use)

Approved by *[Signature]*

Chief, Lands and Mineral Resources

Title _____

Date MAR 28 1995

Conditions of approval, if any:

and 3/24/95
Contain any fluids in tank - per BIA - Tribal requirements
Submit well completion report (Form 3160-5) when work is completed

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

RECEIVED
JUN 22 1995

OIL CON. DIV.
DIST. 3

District I
P.O. Box 1980, Hobbs, NM 88241

District II
P.O. Drawer DD, Artesia, NM 88211

District III
1000 Rio Brazos Rd, Aztec, NM 87410

District IV
P.O. Box 2088, Santa Fe, NM 87504

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-102

Revised February 21, 1994

Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number	2. Pool Code 72319	3. Pool Name BLANCO MESA VERDE <i>Blanco</i>
4. Property Code	5. Property Name JICARILLA <i>E</i>	6. Well Number <i>E-8M</i>
7. OGRID No. 14591	8. Operator Name MERIT ENERGY COMPANY	9. Elevation 6769

10. Surface Location

UL or lot no. K	Section 15	Township 26 N	Range 4 W	Lot Idn	Feet from the 1550	North/South line SOUTH	Feet from the 1650	East/West line WEST	County RIO ARRIBA
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11. Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
12. Dedicated Acres W 320	13. Joint or Infill	14. Consolidation Code	15. Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16.	<i>E-8</i> ●			17. OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <i>Robert L. Crabb</i> Signature Printed Name ROBERT L. CRABB Title AGENT FOR MERIT ENERGY COMPANY Date JUNE 26, 1995
				18. SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey Signature and Seal of Professional Surveyer
	<i>E-8M</i> ●			Certificate Number
<i>E-8M</i> ●				

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Handwritten signature

Form C-102
Revised February 21, 1994
Instructions on back
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State Lease - 4 Copies
Fee Lease - 3 Copies

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-039-25423		2 Pool Code 71599		3 Pool Name Basin Dakota	
4 Property Code 007691		5 Property Name Jicarilla E			6 Well Number 8711
7 OGRID No. 014591		8 Operator Name Merit Energy Company			9 Elevation 6769 GR

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	15	26N	4W		1550	South	1650	West	Rio Arriba

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
12 Dedicated Acres 320		13 Joint or Infill		14 Consolidation Code		15 Order No.			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16		RECEIVED JUN 22 1995 OIL CON. DIV. DIST. 3	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief <i>Sheryl J. Carruth</i> Signature Sheryl J. Carruth Printed Name Regulatory Manager Title 8-1-94 Date
			18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey Signature and Seal of Professional Surveyer: Certificate Number

Jicarilla E #8E
Section 15, T26N-R4W
Rio Arriba County, NM

Background: The Jicarilla E #8E was drilled in July 1994 as a Dakota single producer. The well is currently producing at a rate of 294 MCFD. Merit has had success recompleting wells to the Mesaverde in the area. It is recommended that the Mesaverde be completed and the well be returned to production as a dual.

Well Data:

TD: 7900'

PBTD: 7855'

Casing: 4-1/2", 10.5# and 11.6#, J-55 set @ 7900'.

DV Tool @ 5484'

TOC @ surface.

Tubing: 2-3/8", 4.7#, J-55 EUE landed @ 7528'

Existing

Perfs: Dakota 7643, 45, 46, 47, 48, 7754, 55, 56, 63, 64, 65, 66, 7801, 02, 03 (1spf)

Proposed

Perfs: MV Perfs: 5598, 5604, 06, 07, 10, 21, 22, 24, 30, 40, 42, 44, 46, 48, 50,
52, 54, 56, 58, 71, 73. 76, 78 (23 total perfs)

NOTE: WILL REQUIRE A NEW METER RUN

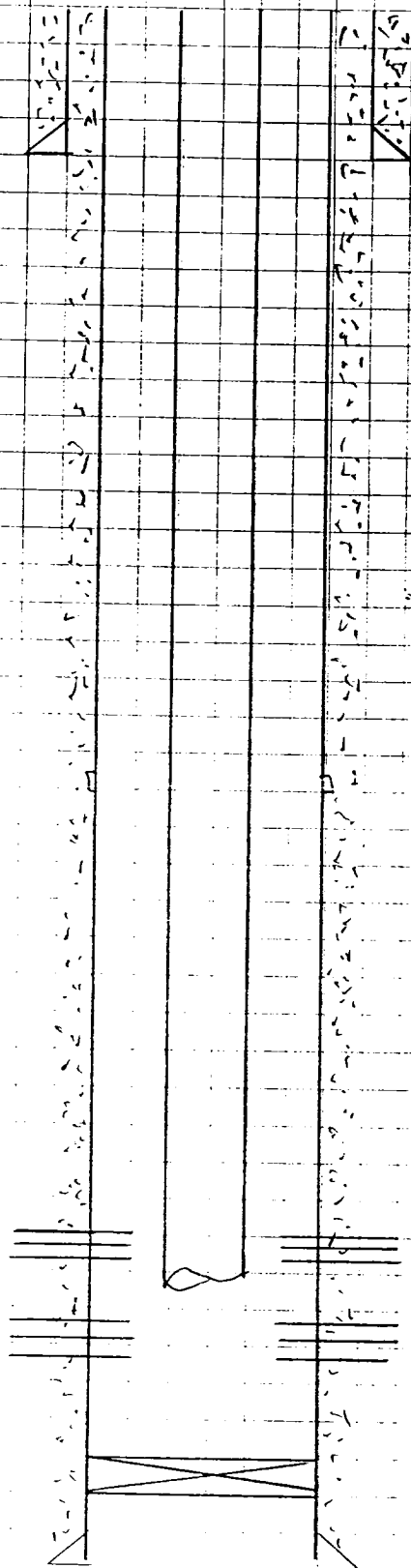
Procedure:

1. MIRU WSU. POOH w\ 2-3/8" production string and stand back.
2. MIRU wireline unit. TIH w\ RBP and set @ +/- 5850'.
3. RIH w\ 3-3/8" HSC loaded select fire @ 1 spf. Perforate at the following depths.

MV Perfs: 5598, 5604, 06, 07, 10, 21, 22, 24, 30, 40, 42, 44, 46, 48, 50,
52, 54, 56, 58, 71, 73. 76, 78 (23 total perfs)
4. MIRU stimulation company. Pump 1,000 gals 7-1/2% HCL and 46 balls @ 5 BPM. Flush w\ 2% KCL. TIH w\ junk basket on wireline and retrieve balls. Count all hits before proceeding. RDMO wireline unit.
5. Frac well per attached recommendation. RDMO stimulation company
6. TIH w\ 2-3/8" and clean out sand to RBP. POOH w\ RBP and lay down 2-3/8" tubing.

7. RIH w\ 1.90" IJ tubing and Baker Lok-set packer. Set pkr @ +/- 7600' w\ EOT @ +/- 7800'.
8. RIH w\ 1.90" IJ tubing w\ F Nipple and land @ 5678'.
9. Swab well to flow. Provide tests to Dallas office.

Jicarilla E # 8E
 SW/4 Sec 15 26N-4W



8 5/8", 24" @ 346'
 w/ 240 ss Class G
 Circ to Surface

2 3/8" tbg (2S3, 6) @ 1528'

DV tool @ 5484'
 w/ 516 ss Class G lead
 110 ss RCC 10-1
 Circ to Surface

Perfs (OK): 7643, 45, 46, 47, 48, 7854, 55, 56
 7763, 63, 65, 66, 7801, 02, 03

Fract: 60 Quality N₂ Foam
 w/ 118,000# 20/40
 24,000# Resin

CIBP @ 7865' w/ 10' Cement

4 1/2", 10.5" @ 11.6" @ 7900'
 w/ 130 ss Class G lead
 240 ss PDZ - M.C. L...

PBTD: 7855'
 TD: 7900'