

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

Form C-101
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Operator Name and Address: Merrion Oil & Gas Corp. 610 Reilly Avenue Farmington, NM 87401-2634		OGRID Number 014634
Property Code 7737		Property Name Arena Blanca MV
APR Number 30-0 31-20883		Well No. 001

7 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	36	20N	05W	NESE	2360	south	1200	east	McKinley

8 Proposed 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
46547									
Wildcat 20N5W36E Mesaverde (B)					40				

Work Type Code P - Plugback	Well Type Code G	Cable/ Rotary	Lease Type Code State	Grossed Level Elevation 6634'
Multiple No	Proposed Depth 2550'	Formation Mancos	Contractor	Spud Date

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12-1/4"	9-5/8"	36#	231'	190 sxs	Surface
8-3/4"	7"	23#	5614'	760 sxs	1100' KB
6-1/4"	4-1/2"	11.6#	5666'	175 sxs	Liner top @ 4536'

22 Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Well originally produced from Entrada formation through perfs at 5508'-5518'.
In 9/95 plugged back vertical section of Entrada, set CIBP at 5090', milled window in casing from 5076'-5087', drilled medium radius arc through Morrison and horizontal leg in Entrada. Merrion Oil & Gas Corp. proposes to plug back and recomplete in the Menefee formation. Proposed perforations 1640'-1652', 2010'-2030', 2296'-2300', 2357'-74' and 2454'-56'.

23 I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed name:
Steven S. Dunn

Title:
Operations Manager

Date:

5/8/96

Phone:

(505) 327-9801

OIL CONSERVATION DIVISION

Approved by:

Title:

DEPUTY OIL & GAS INSPECTOR, DIST. #3

Approved:

MAY 10 1996

Expires:

MAY 10 1997

Conditions of Approval:

Attached ☐

District I
PO Box 1988, Hobbs, NM 88241-1988
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-102
Revised October 18, 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 30-031-20883		2 Pool Code 96547		3 Pool Name Wildcat 20N5W36E Mesaverde (G)	
4 Property Code 7737		4 Property Name Arena Blanca MV			5 Well Number 001
6 OGRID No. 014634		7 Operator Name Merrion Oil & Gas Corp.			8 Elevation 6634'

10 Surface Location

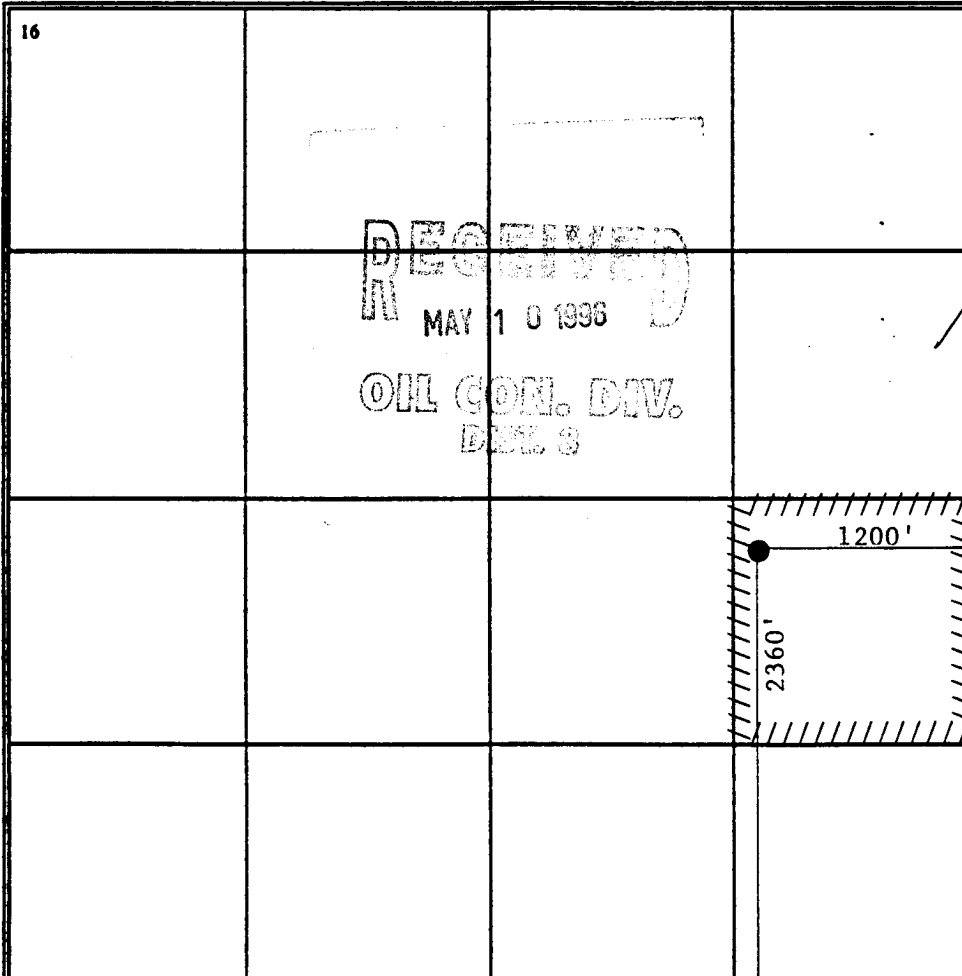
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	36	20N	05W	NESE	2360	south	1200	east	McKinley

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 40	13 Joint or Infill	14 Consolidation Code	15 Order No.
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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				17 OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i> Signature Steven S. Dunn Printed Name Operations Manager Title 5/09/96 Date	
				18 SURVEYOR CERTIFICATION <i>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.</i> Date of Survey Signature and Seal of Professional Surveyer: Certificate Number	

Merrion Oil & Gas Corporation

Wellbore Schematic

Arena Blanca No. 1

Current Wellbore Configuration

Location: 2360' fal & 1200'fel (ne se)
Sec 36, T20N, R05W
McKinley Co, New Mexico

Date: May 8, 1996

Elevation: 6,634' GL
6,647' RKB

Prepared by: Steven S. Dunn

