

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 21, 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

<sup>1</sup> Operator Name and Address. Meridian Oil Inc. PO Box 4289 Farmington, NM 87499		<sup>2</sup> OGRID Number 14538
		<sup>3</sup> API Number 30 - 0 45- <u>29213</u>
<sup>4</sup> Property Code 7331	<sup>5</sup> Property Name Munoz	<sup>6</sup> Well No. 1R

<sup>7</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	11	30N	8W		1450	S	930	W	SJ

<sup>8</sup> 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

<sup>9</sup> Proposed Pool 1 <u>72319</u> Blanco Mesa Verde	<sup>10</sup> Proposed Pool 2 <u>W/320</u>
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<sup>11</sup> Work Type Code N	<sup>12</sup> Well Type Code G	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code P	<sup>15</sup> Ground Level Elevation 5706'GR
<sup>16</sup> Multiple	<sup>17</sup> Proposed Depth 5350'	<sup>18</sup> Formation MV	<sup>19</sup> Contractor	<sup>20</sup> Spud Date 1st quarter 1995

<sup>21</sup> Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2"	13 3/8"	48.0#	80'	170 cu.ft.	surface
12 1/4"	9 5/8"	32.3#	600'	570 cu.ft.	surface
8 3/4"	7"	20.0#	3000'	1104 cu.ft.	surface
6 1/4"	4 1/2"	10.5#	5350'	500 cu.ft.	reverse circ

<sup>22</sup> 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.

11" 2000 psi minimum double gate BOP stack.

RECEIVED  
FEB - 1 1995  
OIL CON. DIV.  
DIST. 3

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

Signature: [Signature]

Printed name: J. W. Caldwell

Title: Regional Drilling Engineer

Date: 01-23-95

Phone: 505-326-9700

OIL CONSERVATION DIVISION

Approved by: [Signature]

Title: DEPUTY OIL & GAS INSPECTOR, DIST. #3

Approval Date: FEB - 6 1995

Expiration Date: FEB - 6 1996

Conditions of Approval:

Attached ☐

District I  
PO Box 1988, Hobbs, NM 88241-1988  
District II  
PO Drawer DD, Artesia, NM 88211-0719  
District III  
1000 Rio Hondo 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

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number <u>30-045-24213</u>		Pool Code <u>72319</u>	Pool Name <u>Blanco Mesaverde</u>
Property Code <u>7331</u>	Property Name <u>Munoz</u>		Well Number <u>1R</u>
OGRID No. <u>14538</u>	Operator Name <u>Meridian Oil Inc.</u>		Elevation <u>5706'</u>

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Ids	Feet from the	North/South line	Feet from the	East/West line	County
<u>L</u>	<u>11</u>	<u>30N</u>	<u>8W</u>		<u>1450</u>	<u>South</u>	<u>930</u>	<u>West</u>	<u>S.J.</u>

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ids	Feet from the	North/South line	Feet from the	East/West line	County

<sup>12</sup> Dedicated Acres <u>W/320</u>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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

2861.10'	16	<u>USA NM-010468</u>	<u>5281.32'</u>	5525.52'	<sup>17</sup> OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  <u>Peggy Bradfield</u> Signature <u>Peggy Bradfield</u> Printed Name <u>Regulatory Affairs</u> Title <u>1-20-95</u> Date
2465.10'		<u>930'</u>	<u>11</u>		<sup>18</sup> 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. <u>1-6-95</u> Date of Survey <u>HELEN C. EDWARDS</u> Signature and Title of Professional Surveyor <u>8857</u> Certificate Number
		<u>1450'</u>	<u>RECEIVED</u> <u>FEB - 1 1995</u> <u>OIL CON. DIV.</u> <u>DIST. 3</u>		
			<u>2706.66'</u>		
			<u>2655.84'</u>		

## 22. MUNOZ #1R PROPOSED PROGRAM

Meridian Oil, Inc. plans to plug and abandon the existing Munoz #1 and drill the Munoz #1R on the existing pad as a replacement in order to recover remaining reserves and at the same time eliminate any additional surface disturbance.

The Munoz #1 is a 1950's vintage Mesa Verde gas well, which has developed bradenhead pressure and due to mechanical reasons was found to be a poor candidate for sidetracking existing casing to recover remaining Mesa Verde reserves.

The Munoz #1R will be drilled utilizing a closed loop mud system and a dust arrester system to minimize any environmental impact during the drilling process. Meridian currently shares the existing well pad with the San Juan Parks and Recreation parking lot that was jointly constructed in 1989. For safety purposes Meridian requests permission to temporarily close the parking lot to public access for the duration of our PxA, drilling and completion operations. Meridian plans to begin operations on this project in mid to late February to take advantage of seasonal low water table levels in the area. Meridian wishes to delay PxA operations on the Munoz #1 pending approval of the APD on the Munoz #1R.

# MERIDIAN OIL

Name: MUNOZ #1R  
 Footage: 1450 FSL 930' FNL  
 Sec 11 T. 30 N.R. 8 W NMPM  
 Co. SAN JUAN St. NM  
 Elevation: 5706' Date: 1-6-95

\* ALL DISTURBANCE  
 WILL STAY ON  
 EXISTING PAD &  
 PARKING LOT.

\* NO PITS

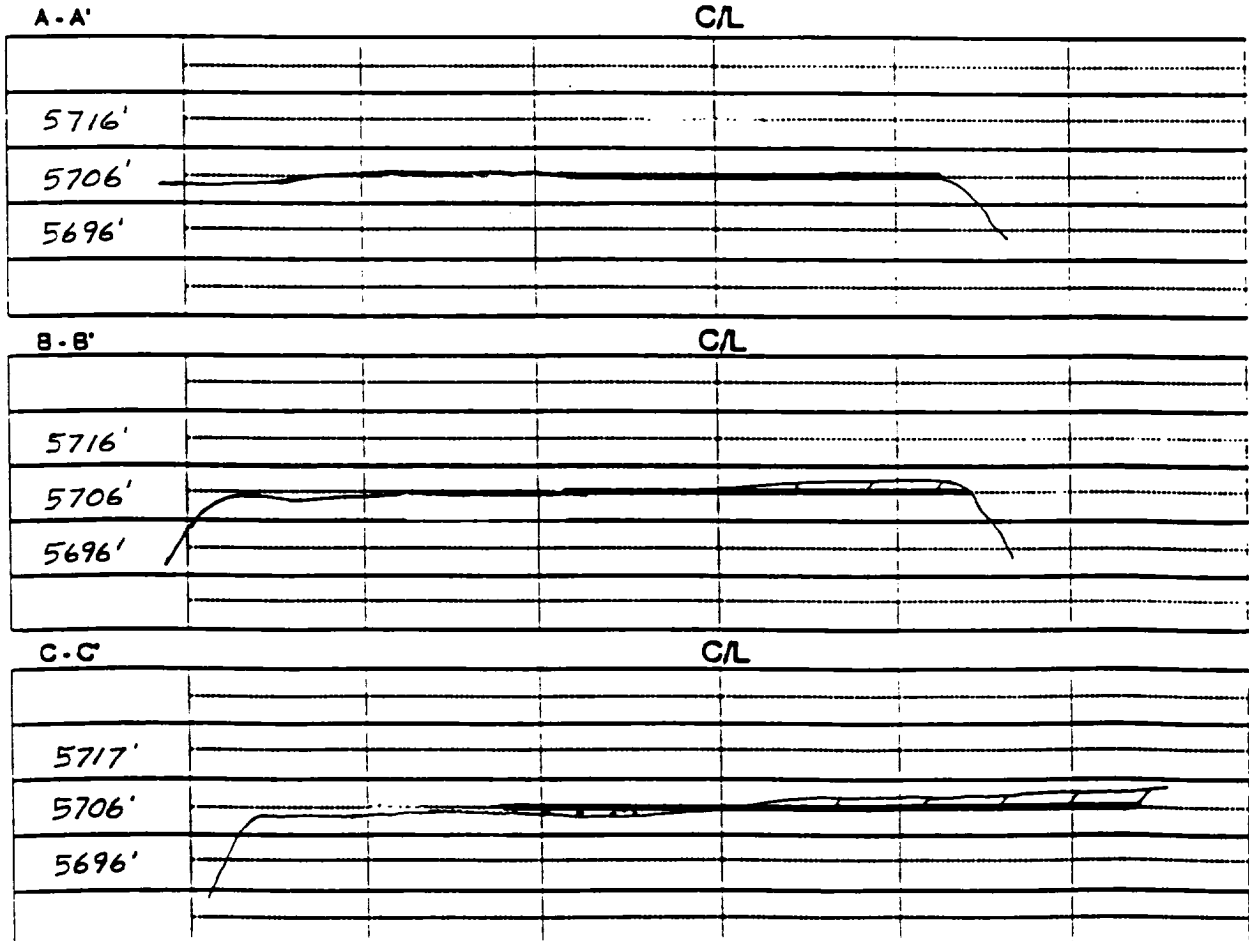
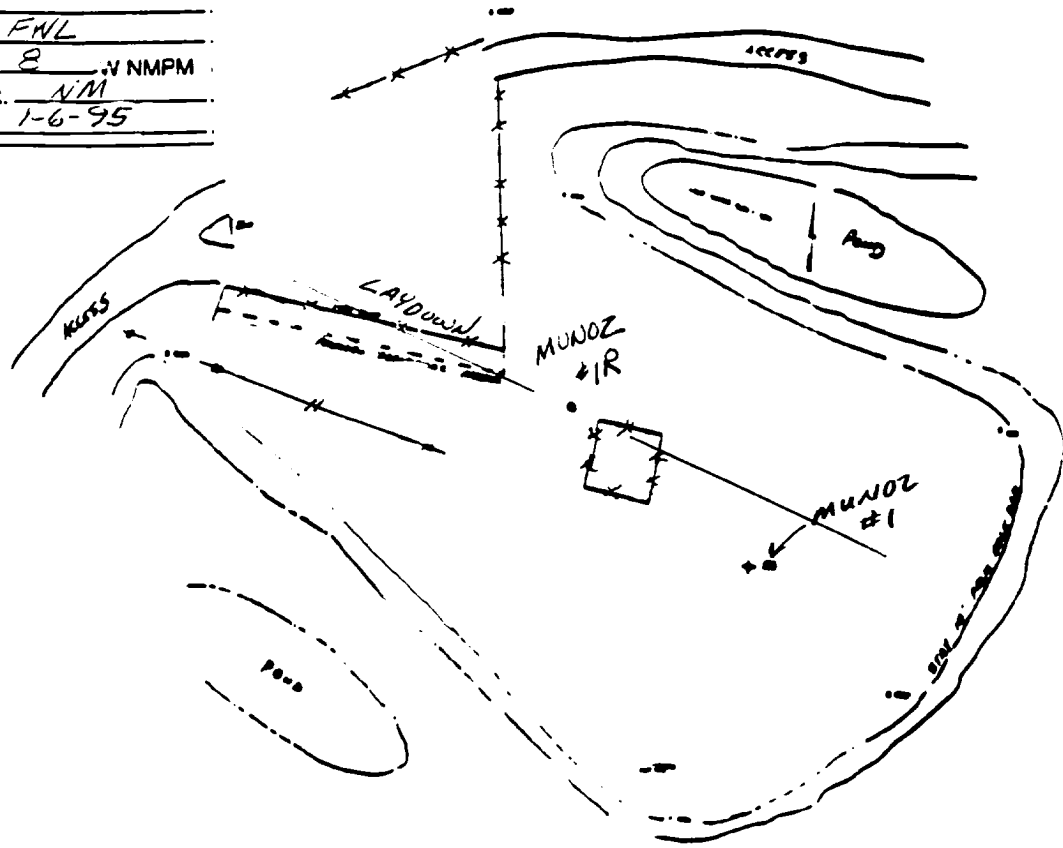


Figure #4

PC/FC LOW POTENTIAL

**СЛ**

A-A'	C/L
5716	
5706	
5696	

СЛ

**СЛ**

C-C'	C/L
5716	
5706	
5696	

Note: Contractor should call One-Call for location of any marked or unmarked buried pipelines or cables on well pad and/or access road at least 2 working days prior to construction.