

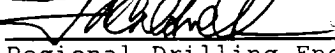
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
BLM

30-039-25440  
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

94 JUL 20 PM 3:57

070 FARMINGTON, NM

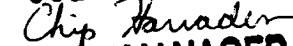
1a. Type of Work DRILL	<b>RECEIVED</b> JUL 25 1994	5. Lease Number SF-077842
1b. Type of Well GAS		6. If Indian, All. or Tribe
2. Operator <b>MERIDIAN OIL OIL CON. DIV.</b> 14538		7. Unit Agreement Name San Juan 29-7 Unit
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499  (505) 326-9700	<b>DIST. 3</b>	8. Farm or Lease Name 7465 San Juan 29-7 Unit 9. Well Number 102A
4. Location of Well 1550' FNL, 1850' FWL  Latitude 36° 43' 43", Longitude 107° 33' 36"		10. Field, Pool, Wildcat 72319 Blanco Mesa Verde 11. Sec., Twn, Rge, Mer. F Sec 15, T-29-N, R-7-W NMPM
14. Distance in Miles from Nearest Town 3 miles to Navajo City	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1550'		
16. Acres in Lease	17. Acres Assigned to Well 320 W/2	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 2000'		
19. Proposed Depth 5740'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6210' GR	22. Approx. Date Work will Start 3rd quarter 1994	
23. Proposed Casing and Cementing Program See Operations Plan attached This action is subject to technical and procedural review pursuant to 43 CFR 3185.3 and appeal pursuant to 43 CFR 3185.4	DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"	
24. Authorized by:  Regional Drilling Engineer	7/20/94 Date	

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Archaeological Report submitted by Arboles Contract Archaeology Technical Report #535 dated 6-15-94  
Threatened and Endangered Species Report to be submitted  
NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

**APPROVED  
AS AMENDED**

JUL 23 1994

for   
DISTRICT MANAGER

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 BLM

PO Box 2088  
Santa Fe, NM 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

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070 FARMINGTON, NM

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-039-15440	<sup>2</sup> Pool Code 72319	<sup>3</sup> Pool Name Blanco Mesa Verde
<sup>4</sup> Property Code 7465	<sup>5</sup> Property Name SAN JUAN 29-7 UNIT	<sup>6</sup> Well Number 102A
<sup>7</sup> OGRID No. 14538	<sup>8</sup> Operator Name MERIDIAN OIL INC.	<sup>9</sup> Elevation 6210'

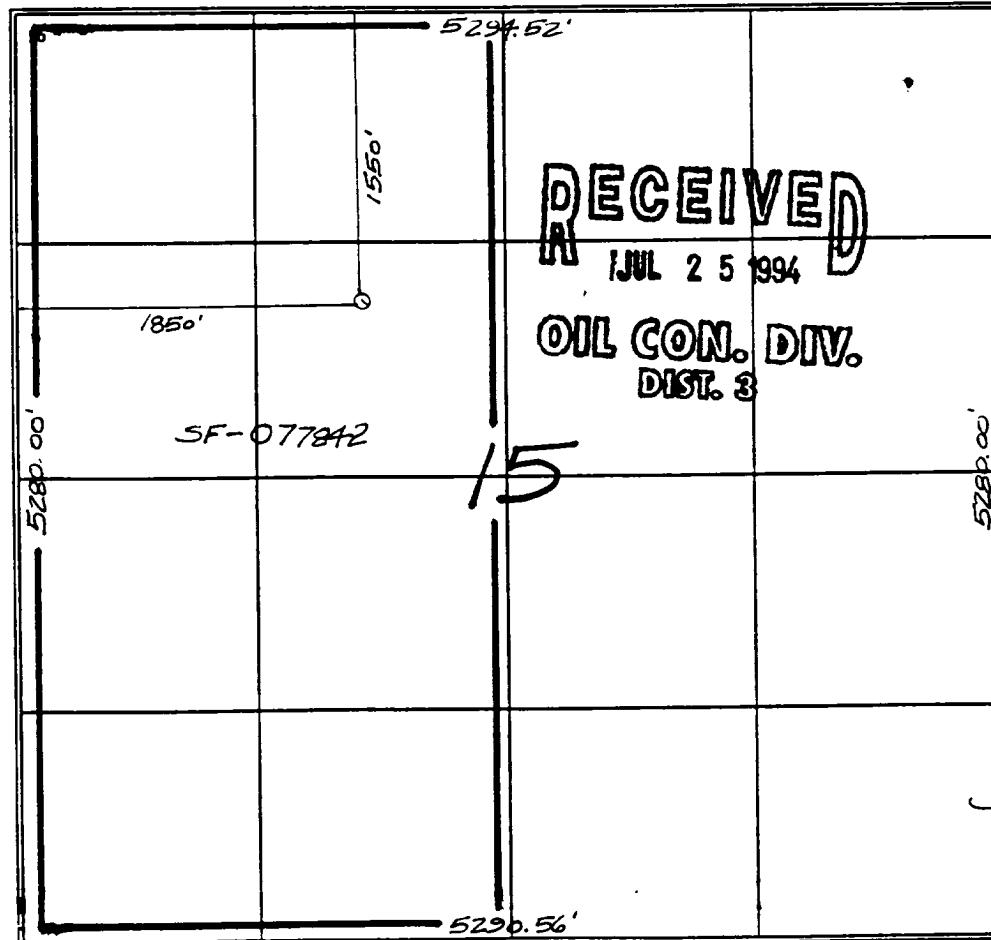
<sup>10</sup> Surface Location

UL or lot no. F	Section 15	Township 29 N	Range 7 W	Lot Idn	Feet from the 1550	North/South line NORTH	Feet from the 1850	East/West line WEST	County R. A.
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<sup>11</sup> 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>12</sup> Dedicated Acres 320	<sup>13</sup> Joint or Infill I	<sup>14</sup> Consolidation Code	<sup>15</sup> 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

	<p><sup>17</sup> OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p> <p><i>Peggy Bradfield</i> Signature Peggy Bradfield Printed Name Regulatory Representative Title Date 7.5.94</p> <p><sup>18</sup> SURVEYOR CERTIFICATION</p> <p>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.</p> <p>5-23 Date of Survey Signature and Seal 6857 Certificate Number</p>
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July 20, 1994

**OPERATIONS PLAN**

**Well Name:** San Juan 29-7 Unit #102A  
**Location:** 1550'FNL, 1850'FWL Section 15, T-29-N, R-7-W  
 Rio Arriba County, New Mexico  
 Latitude 36° 43' 43", Longitude 107° 33' 36"  
**Formation:** Blanco Mesa Verde  
**Elevation:** 6210'GL

<b><u>Formation Tops:</u></b>	<b><u>Top</u></b>	<b><u>Bottom</u></b>	<b><u>Contents</u></b>
Surface	San Jose	2097'	
Ojo Alamo	2097'	2767'	aquifer
Fruitland	2767'	3082'	gas
Pictured Cliffs	3032'	3320'	gas
Lewis	3320'	3777'	
<b>Intermediate TD</b>	<b>3470'</b>		
Mesa Verde	3777'		
Chacra	3777'	4572'	gas
Upper Cliff House	4572'	4855'	gas
Massive Cliff House	4855'	4882'	gas
Menefee	4882'	5232'	gas
Massive Point Lookout	5232'		gas
<b>Total Depth</b>	<b>5740'</b>		

**Logging Program:**

Openhole Wireline Logging -

Surface to Intermediate TD : DIL/LDT/CNL/NGT/ML/FMS

Intermediate TD to Total Depth : DIL/LDT/CNL/Temp

Mud Logs/Coring/DST -

Mud logs - 2000' to Total Depth

Cores at 4822-4942', 5020-80', 5219-79', 5329-59' (total 270'cores)

DST - none

**Mud Program:**

<b><u>Interval</u></b>	<b><u>Type</u></b>	<b><u>Weight</u></b>	<b><u>Vis.</u></b>	<b><u>Fluid Loss</u></b>
0- 200'	Spud	8.4-8.9	40-50	no control
200-3470'	Weighted	8.4-9.1	30-60	no control
3470-5740'	Gas/Mist	n/a	n/a	n/a

Pit levels will be visually monitored to detect gain or loss of fluid control.

**Casing Program:**

<b><u>Hole Size</u></b>	<b><u>Depth Interval</u></b>	<b><u>Csg.Size</u></b>	<b><u>Wt.</u></b>	<b><u>Grade</u></b>
12 1/4"	0' - 200'	9 5/8"	32.3#	H-40
8 3/4"	0' - 3470'	7"	20.0#	K-55
	7" stage tool @ 2843'			
6 1/4"	3320' - 5740'	4 1/2"	10.5#	K-55

**Tubing Program:**

0' - 5740'      2 3/8"      4.7#      J-55

