

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II
P.O. 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 and Natural Resources Department

Form C-101

Revised February 10, 1994

Instructions on back
Submit to Appropriate District Office

State Lease - 6 Copies

Fee Lease - 5 Copies

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

☐ AMENDED REPORT

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

| | | |
|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|------------------------------------------|
| ¹ Operator Name and Address Manana Gas, Inc. c/o Walsh Engineering 7415 E. Main St., Farmington, NM 87402 | | ² OGRID Number 13931 |
| ⁴ Property Code 33158 | ⁵ Property Name Lucky Lindy | ³ API Number 30-0 45-32010 |
| | | ⁶ Well No. 1 |

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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|----------|
| N | 13 | 30N | 12W | | 750 | South | 1426 | West | San Juan |

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 |
|------------------------------------------------------|---------|----------|-------|---------|-------------------------------|------------------|---------------|----------------|--------|
| ⁹ Proposed Pool 1 Basin Fruitland Coal | | | | | ¹⁰ Proposed Pool 2 | | | | |

| | | | | |
|-----------------------------------|------------------------------------------|--------------------------------------------|------------------------------------|-----------------------------------------------|
| ¹¹ Work Type Code N | ¹² Well Type Code G | ¹³ Cable/Rotary R | ¹⁴ Lease Type Code P | ¹⁵ Ground Level Elevation 5540' |
| ¹⁶ Multiple No | ¹⁷ Proposed Depth 2010 +/- | ¹⁸ Formation Pictured Cliffs | ¹⁹ Contractor | ²⁰ Spud Date 12/8/03 |

²¹ Proposed Casing and Cement Program

| Hole Size | Casing Size | Casing weight/feet | Setting Depth | Sacks of Cement | Estimated TOC |
|-----------|-------------|--------------------|---------------|------------------------------------------|---------------|
| 8-3/4" | 7" | 20# | 120 | 30 sx (36 cu.ft.) | Surface |
| 6-1/4" | 4-1/2" | 10.5# | 2010 | 150 sx + 100 sx (309 cu.ft. + 118 cf) | Surface |
| | | | | | |
| | | | | | |
| | | | | | |

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.

Manana Gas, Inc., proposes to drill a vertical well at the above described location and test the Basin Fruitland Coal formation. A 8-3/4" surface hole will be drilled to 120' where 7", 20# casing will be set and cemented to surface with 36 cu.ft. of neat cement. After WOC, a 2000 psi double ram or annular preventer will be installed and pressure tested to 600 psi. A 6-1/4" hole will be drilled with mud to approximately 2010'. Open hole logs will be run. 4-1/2" production casing will be run and cemented to surface with 309 cu.ft. of CI "B" cement with 2% SMS and 1/4 #/sk Celloflake and 118 cu.ft. of neat cement. The Fruitland Coal formation will be selectively perforated and completed Ojo Alamo - 385'; Kirtland - 570'; Fruitland - 1400'; Pictured Cliffs - 1860'. The well will be connected to El Paso Field Services gathering system.

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

Signature:

Printed name: Paul C. Thompson

Title: Agent

Date: 11/16/03

Phone:

(505) 327-4892

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Conditions of Approval:

Attached ☐

Expiration Date:

NOV 18 2003

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Energy, Minerals & Natural Resources Department

Form C-102
Revised February 21, 1994
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OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, NM 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | |
|---------------------------------|------------------------------------------------|------------------------------------------------|
| ¹ API Number | ² Pool Code 15-71629 | ³ Pool Name Basin Fruitland Coal |
| ⁴ Property Code | ⁵ Property Name LUCKY LINDY | ⁶ Well Number 1 |
| ⁷ OGRID No. 13931 | ⁸ Operator Name MANANA GAS, INC. | ⁹ Elevation 5540.23 |

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 |
| N | 13 | 30N | 12W | | 750.39 | SOUTH | 1426.05 | WEST | SAN JUAN |

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 Y | 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

| | | |
|--------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <div><p>16</p><p>SECTION 13</p><p>1426.05'</p><p>750.39'</p></div> | <div><p>17 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>Paul C. Thompson</i> Signature PAUL C. THOMPSON Printed Name AGENT Title 11/15/03 Date</p></div> | |
| | <div><p>18 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 these are true and correct to the best of my belief.</p><p>OCTOBER 30 2003 Date of Survey JOHN D. WAYNE Professional Surveyor 9673 Seal of Professional Surveyor 14303 Certificate Number N.M. PLS #9673</p></div> | |
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