

State of New Mexico  
Energy, Minerals and Natural Resources Department  
Oil Conservation Division

Sundry Notices and Reports on Wells

1. Type of Well

GAS

2. Name of Operator

**MERIDIAN OIL**

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M

935' FNL, 880' FEL, Sec.31, T-32-N, R-6-W, NMPM, San Juan County

API # (assigned by OCD)

30-045-29253

5. Lease Number

Fee

6. State Oil&Gas Lease #

7. Lease Name/Unit Name

Allison Unit Com

8. Well No.

122

9. Pool Name or Wildcat

Basin Fruitland Coal

10. Elevation: 6327 GR

Type of Submission

Type of Action

☐ Notice of Intent

☐ Abandonment

☐ Change of Plans

☒ Subsequent Report

☐ Recompletion

☐ New Construction

☐ Final Abandonment

☐ Plugging Back

☐ Non-Routine Fracturing

☐ Casing Repair

☐ Water Shut off

☐ Altering Casing

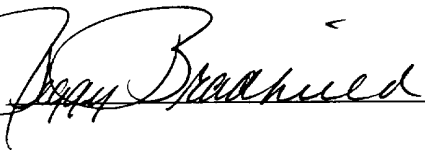
☐ Conversion to Injection

☒ Other -

13. Describe Proposed or Completed Operations

12-7-95 MIRU. ND WH. NU BOP. PT BOP to 2500 psi/30 min, OK. TIH, tag cmt @ 2859'.  
Circ hole clean. PT 7" csg to 2500 psi/10 min, OK. Drill on 7" float collar.  
12-8-95 Drill float collar @ 2867-2869'. Drill cmt @ 2867-2914'. Drill to TD @ 3302'.  
Blow well & CO. TOOH. TIH w/underreamer. Underream @ 2920-3010'.  
12-9-95 Underream @ 3010-3302'. TOOH. TIH, tag up @ 3024'. Blow well & CO.  
12-10/23-95 Blow well & CO.  
12-24/25-95 SD for holiday.  
12-26/29-95 Blow well & CO.  
12-30-95 TOOH. TIH w/5 jts 5 1/2" 15.5# K-55 LTC lnr, set @ 3100'. Top of lnr @ 2975'.  
TOOH. TIH w/4 3/4" plug mill. Mill perf plugs @ 2967-3055'. Clean hole to  
PBTD @ 3098'. TOOH. TIH w/97 jts 2 7/8" 6.5# J-55 EUE 8RD tbq, landed @  
2995'. ND BOP. NU WH.  
12-31-95 Blow well & CO. RD. Rig released.

SIGNATURE



Regulatory Administrator January 2, 1996

(This space for State Use)

Approved by

Original Signed by FRANK T. CHAVEZ

Title

Date

JAN - 3 1996

## DEVIATION REPORT

**Name of Company**  
MERIDIAN OIL INC

**Address**  
PO BOX 4289, FARMINGTON, NM

**Lease Name & Number**  
ALLISON UNIT COM #122

**Unit Letter**  
935 ' FSL, 880 ' FWL

A

**Sec.**  
31

**Twn**  
032N

**Rge**  
006W

**Pool and Formation**  
Basin Ft Coal

**County**  
SAN JUAN

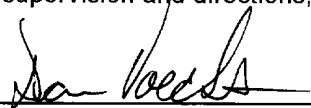
Depth (Ft.)

Deviation (Degrees)

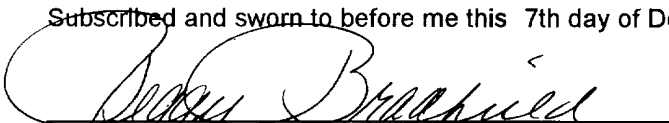
|      |      |
|------|------|
| 238  | 1.50 |
| 609  | 0.50 |
| 1010 | 2.00 |
| 1414 | 0.50 |
| 1915 | 0.50 |
| 2414 | 1.75 |

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JAN 19 1996  
**OIL CON. DIV.**  
DIST. 3

I, the undersigned, certify that I, acting in my capacity as Petroleum Engineer for MERIDIAN OIL INC., am authorized by said Company to make this report; and that this report was prepared under my supervision and directions, and that the facts stated herein are true to the best of my knowledge and belief.

  
\_\_\_\_\_

Subscribed and sworn to before me this 7th day of December, 1995

  
\_\_\_\_\_  
Notary Public in and for San Juan County, New Mexico  
My commission expires August 17, 1996.

Submit to Appropriate  
District Office  
State Lease - 6 copies  
Fee Lease - 5 copies  
DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

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-105  
Revised 1-1-89

WELL API NO.

30-045-29253

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐

b. Type of Completion:

NEW  
WELL ☒

WORK  
OVER ☐

DEEPEN ☐

PLUG  
BACK ☐

DIFF  
RESVR ☐

OTHER ☐

JAN 19 1995

OIL CON. DIV.  
DIST. 3

7. Lease Name or Unit Agreement Name

Allison Unit Com

2. Name of Operator

Meridian Oil Inc

3. Address of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

8. Well No.

122

9. Pool name or Wildcat

Basin Fruitland Coal

4. Well Location

Unit Letter A : 935 Feet From The North Line and 880 Feet From The East Line

Section 31 Township 32N Range 6W NMPM San Juan County

10. Date Spudded 11-3-95 11. Date T.D. Reached 12-9-95 12. Date Compl. (Ready to Prod.) 12-31-95 13. Elevations (DF& RKB, RT, GR, etc.) 6327 GR, 6339 KB 14. Elev. Casinghead

15. Total Depth 3302 16. Plug Back T.D. 3101 17. If Multiple Compl. How Many Zones? 18. Intervals Drilled By Rotary Tools 0-3302 Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name

2967-3055 Fruitland Coal

20. Was Directional Survey Made

21. Type Electric and Other Logs Run

None

22. Was Well Cored

No

23.

CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT LB/FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLE |
|-------------|---------------|-----------|-----------|------------------|--------------|
| 9 5/8       | 36#           | 239       | 12 1/4    | 209 cu.ft.       |              |
| 7           | 20#           | 2916      | 8 3/4     | 792 cu.ft.       |              |
|             |               |           |           |                  |              |
|             |               |           |           |                  |              |
|             |               |           |           |                  |              |

24. LINER RECORD

25. TUBING RECORD

| SIZE  | TOP  | BOTTOM | SACKS CEMENT | SCREEN | SIZE  | DEPTH SET | PACKER SE |
|-------|------|--------|--------------|--------|-------|-----------|-----------|
| 5 1/2 | 2875 | 3100   |              |        | 2 7/8 | 2995      |           |
|       |      |        |              |        |       |           |           |
|       |      |        |              |        |       |           |           |

26. Perforation record (interval, size, and number)

2967-3055

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

2967-3055 not treated

28. PRODUCTION

|                       |                                                                     |                         |                        |            |              |                                |                 |
|-----------------------|---------------------------------------------------------------------|-------------------------|------------------------|------------|--------------|--------------------------------|-----------------|
| Date First Production | Production Method (Flowing, gas lift, pumping - Size and type pump) |                         |                        |            |              | Well Status (Prod. or Shut-in) |                 |
| 12-31-95              | Flowing                                                             |                         |                        |            |              | SI                             |                 |
| Date of Test          | Hours Tested                                                        | Choke Size              | Prod'n For Test Period | Oil - Bbl. | Gas - MCF    | Water - Bbl.                   | Gas - Oil Ratio |
| 12-31-95              |                                                                     |                         |                        |            | 1947         | Pilot Gauge                    |                 |
| Flow Tubing Press.    | Casing Pressure                                                     | Calculated 24-Hour Rate | Oil - Bbl.             | Gas - MCF  | Water - Bbl. | Oil Gravity - API - (Corr.)    |                 |
|                       | SI 1433                                                             |                         |                        |            |              |                                |                 |

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

To be sold

Test Witnessed By

30. List Attachments

None

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature

*Peggy Bradfield*

Printed Name

Peggy Bradfield

Title Regulatory Adm Date 1-18-9

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

### Southeastern New Mexico

T. Anhy \_\_\_\_\_  
 T. Salt \_\_\_\_\_  
 B. Salt \_\_\_\_\_  
 T. Yates \_\_\_\_\_  
 T. 7 Rivers \_\_\_\_\_  
 T. Queen \_\_\_\_\_  
 T. Grayburg \_\_\_\_\_  
 T. San Andres \_\_\_\_\_  
 T. Glorieta \_\_\_\_\_  
 T. Paddock \_\_\_\_\_  
 T. Blinberry \_\_\_\_\_  
 T. Tubb \_\_\_\_\_  
 T. Drinkard \_\_\_\_\_  
 T. Abo \_\_\_\_\_  
 T. Wolfcamp \_\_\_\_\_  
 T. Penn \_\_\_\_\_  
 T. Cisco (Bough C) \_\_\_\_\_

T. Canyon \_\_\_\_\_  
 T. Strawn \_\_\_\_\_  
 T. Atoka \_\_\_\_\_  
 T. Miss \_\_\_\_\_  
 T. Devonian \_\_\_\_\_  
 T. Silurian \_\_\_\_\_  
 T. Montoya \_\_\_\_\_  
 T. Simpson \_\_\_\_\_  
 T. McKee \_\_\_\_\_  
 T. Ellenburger \_\_\_\_\_  
 T. Gr. Wash \_\_\_\_\_  
 T. Delaware Sand \_\_\_\_\_  
 T. Bone Springs \_\_\_\_\_  
 T. \_\_\_\_\_  
 T. \_\_\_\_\_  
 T. \_\_\_\_\_  
 T. \_\_\_\_\_

### Northwestern New Mexico

T. Ojo Alamo 2189  
 T. Kirtland-Fruitland 2319-2839  
 T. Pictured Cliffs 3282  
 T. Cliff House \_\_\_\_\_  
 T. Menefee \_\_\_\_\_  
 T. Point Lookout \_\_\_\_\_  
 T. Mancos \_\_\_\_\_  
 T. Gallup \_\_\_\_\_  
 Base Greenhorn \_\_\_\_\_  
 T. Dakota \_\_\_\_\_  
 T. Morrison \_\_\_\_\_  
 T. Todilto \_\_\_\_\_  
 T. Entrada \_\_\_\_\_  
 T. Wingate \_\_\_\_\_  
 T. Chinle \_\_\_\_\_  
 T. Permian \_\_\_\_\_  
 T. Penn "A" \_\_\_\_\_

T. Penn. "B" \_\_\_\_\_  
 T. Penn. "C" \_\_\_\_\_  
 T. Penn. "D" \_\_\_\_\_  
 T. Leadville \_\_\_\_\_  
 T. Madison \_\_\_\_\_  
 T. Elbert \_\_\_\_\_  
 T. McCracken \_\_\_\_\_  
 T. Ignacio Otzie \_\_\_\_\_  
 T. Granite \_\_\_\_\_  
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 T. \_\_\_\_\_

### OIL OR GAS SANDS OR ZONES

No. 1, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 4, from \_\_\_\_\_ to \_\_\_\_\_

### IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ feet  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_ feet  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_ feet

### LITHOLOGY RECORD (Attach additional sheet if necessary)

| From | To   | Thickness<br>in Feet | Lithology                                                                       | From | To | Thickness<br>in Feet | Lithology |
|------|------|----------------------|---------------------------------------------------------------------------------|------|----|----------------------|-----------|
| 2189 | 2319 |                      | White, cr-gr ss.                                                                |      |    |                      |           |
| 2319 | 2839 |                      | Gry sh interbedded<br>w/tight, gry, fine-gr<br>ss                               |      |    |                      |           |
| 2839 | 3282 |                      | Dk gry-gry carb sh,<br>coal, grn silts,<br>light-med gry, tight,<br>fine gr ss. |      |    |                      |           |
| 3282 | 3302 |                      | Bn-gry, fine grn, tight<br>ss.                                                  |      |    |                      |           |

Submit 5 Copies  
Appropriate District Office  
DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-104  
Revised 2-21-94  
Instruction on back  
Submit to Appropriate District Office  
5 Copies

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

|                                                                                                 |                                      |                          |  |
|-------------------------------------------------------------------------------------------------|--------------------------------------|--------------------------|--|
| 1. Operator Name and Address<br>MERIDIAN OIL INC<br>PO Box 4289<br>Farmington, New Mexico 87499 |                                      | 2. OGRID Number<br>14538 |  |
|                                                                                                 |                                      | New Well                 |  |
| 30-045-29253                                                                                    | 5. Pool Name<br>Basin Fruitland Coal | 71629                    |  |
| 7. Property Code<br>6785                                                                        | 8. Property Name<br>Allison Unit Com | 9. Well Number<br>122    |  |

II. 10. Surface Location

|               |         |          |       |         |               |                  |               |                |          |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|----------|
| UI or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County   |
| A             | 31      | 32N      | 6W    |         | 935           | North            | 880           | East           | San Juan |

III. 11. Bottom Hole Location

|                   |                                      |          |                         |         |                         |                  |                          |                |                           |
|-------------------|--------------------------------------|----------|-------------------------|---------|-------------------------|------------------|--------------------------|----------------|---------------------------|
| UI or lot no.     | Section                              | Township | Range                   | Lot Idn | Feet from the           | North/South line | Feet from the            | East/West line | County                    |
|                   |                                      |          |                         |         |                         |                  |                          |                |                           |
| 12. Iso Code<br>P | 13. Producing Method Code<br>Flowing |          | 14. Gas Connection Date |         | 15. C-129 Permit Number |                  | 16. C-129 Effective Date |                | 17. C-129 Expiration date |

III. Oil and Gas Transporters

|                          |                                     |         |         |                                           |
|--------------------------|-------------------------------------|---------|---------|-------------------------------------------|
| 18. Transporter<br>OGRID | 19. Transporter Name<br>and Address | 20. POD | 21. O/G | 22. POD ULSTR Location<br>and Description |
|                          | Giant Refining Company              | 2816773 | O       |                                           |
| 25244                    | Williams Field Services             | 2816774 | G       |                                           |
|                          |                                     |         |         |                                           |
|                          |                                     |         |         |                                           |
|                          |                                     |         |         |                                           |

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IV. Produced Water

|                    |                                        |
|--------------------|----------------------------------------|
| 23. POD<br>2816775 | 24. POD ULSTR Location and Description |
|--------------------|----------------------------------------|

OIL CON. DIV.  
DIST. 3

V. Well Completion Data

|                          |                                   |                |                      |                                |
|--------------------------|-----------------------------------|----------------|----------------------|--------------------------------|
| 25. Spud Date<br>11/3/95 | 26. Ready Date<br>12/31/95        | 27. TD<br>3302 | 28. PBTD<br>3101     | 29. Perforations<br>2967-3055  |
| 30. Hole Size<br>12 1/4  | 31. Casing & Tubing Size<br>9 5/8 |                | 32. Depth Set<br>239 | 33. Sacks Cement<br>209 cu.ft. |
| 8 3/4                    | 7                                 |                | 2916                 | 792 cu.ft.                     |
| 7 7/8                    | 5 1/2                             |                | 2975-3100            | None                           |
|                          | 2 7/8                             |                | 2995                 |                                |

VI. Well Test Data

|                  |         |                           |                 |                   |                              |
|------------------|---------|---------------------------|-----------------|-------------------|------------------------------|
| 34. Date New Oil |         | 36. Test Date<br>12/31/95 | 37. Test Length | 38. Tbg. Pressure | 39. Csg. Pressure<br>SI 1433 |
| 40. Choke Size   | 41. Oil | 42. Water                 | 43. Gas<br>1947 | 44. AOF           | 45. Test Method<br>Flowing   |
|                  |         |                           |                 |                   |                              |

District I  
PO Box 1980, Hobbs, NM 88241-1980  
  
District II  
P.O. Drawer D.D., 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

Form C-104  
Revised February 21, 1994  
Instructions on back  
Submit to Appropriate District Office  
5 Copies

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

☐ AMMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

|                                                                                                                     |                                                  |                                                         |
|---------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|---------------------------------------------------------|
| <sup>1</sup> Operator Name and Address<br><br>Burlington Resources Oil & Gas<br>PO Box 4289<br>Farmington, NM 87499 |                                                  | <sup>2</sup> OGRID Number<br><br>14538                  |
|                                                                                                                     |                                                  | <sup>3</sup> Reason for Filing Code<br><br>CO - 7/11/96 |
| <sup>4</sup> API Number<br>30-045-29253                                                                             | <sup>5</sup> Pool Name<br>BASIN (FRUITLAND COAL) | <sup>6</sup> Pool Code<br>71629                         |
| <sup>7</sup> Property Code<br>006785                                                                                | <sup>8</sup> Property Name<br>ALLISON UNIT COM   | <sup>9</sup> Well Number<br>#122                        |

II. <sup>10</sup> Surface Location

|                    |               |                  |               |         |               |                       |               |                     |                    |
|--------------------|---------------|------------------|---------------|---------|---------------|-----------------------|---------------|---------------------|--------------------|
| UI or lot no.<br>B | Section<br>31 | Township<br>032N | Range<br>006W | Lot.Idn | Feet from the | North/South Line<br>N | Feet from the | East/West Line<br>E | County<br>SAN JUAN |
|--------------------|---------------|------------------|---------------|---------|---------------|-----------------------|---------------|---------------------|--------------------|

<sup>11</sup> Bottom Hole Location

|                        |                                     |                                   |                                   |                                    |                                     |                  |               |                |        |
|------------------------|-------------------------------------|-----------------------------------|-----------------------------------|------------------------------------|-------------------------------------|------------------|---------------|----------------|--------|
| UI or lot no.          | Section                             | Township                          | Range                             | Lot.Idn                            | Feet from the                       | North/South Line | Feet from the | East/West Line | County |
| <sup>12</sup> Lse Code | <sup>13</sup> Producing Method Code | <sup>14</sup> Gas Connection Date | <sup>15</sup> C-129 Permit Number | <sup>16</sup> C-129 Effective Date | <sup>17</sup> C-129 Expiration Date |                  |               |                |        |

III. Oil and Gas Transporters

|                                             |                                                                                                                                |                   |                        |                                                                         |
|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------|-------------------------------------------------------------------------|
| <sup>18</sup> Transporter<br>OGRID<br>25244 | <sup>19</sup> Transporter Name<br>and Address<br>WILLIAMS FIELD SERVICES CO<br>P.O. BOX 58900<br>SALT LAKE CITY, UT 84158-0900 | <sup>20</sup> POD | <sup>21</sup> O/G<br>G | <sup>22</sup> POD ULSTR Location<br>and Description<br>B-31-T032N-R006W |
|                                             |                                                                                                                                |                   |                        |                                                                         |
|                                             |                                                                                                                                |                   |                        |                                                                         |
|                                             |                                                                                                                                |                   |                        |                                                                         |
|                                             |                                                                                                                                |                   |                        |                                                                         |
|                                             |                                                                                                                                |                   |                        |                                                                         |
|                                             |                                                                                                                                |                   |                        |                                                                         |

IV. Produced Water

|                   |                                                  |
|-------------------|--------------------------------------------------|
| <sup>23</sup> POD | <sup>24</sup> POD ULSTR Location and Description |
|-------------------|--------------------------------------------------|

V. Well Completion Data

|                         |                                    |                         |                            |                            |
|-------------------------|------------------------------------|-------------------------|----------------------------|----------------------------|
| <sup>25</sup> Spud Date | <sup>26</sup> Ready Date           | <sup>27</sup> TD        | <sup>28</sup> PBDT         | <sup>29</sup> Perforations |
| <sup>30</sup> Hole Size | <sup>31</sup> Casing & Tubing Size | <sup>32</sup> Depth Set | <sup>33</sup> Sacks Cement |                            |
|                         |                                    |                         |                            |                            |
|                         |                                    |                         |                            |                            |
|                         |                                    |                         |                            |                            |
|                         |                                    |                         |                            |                            |

VI. Well Test Data

|                            |                                 |                         |                           |                             |                             |
|----------------------------|---------------------------------|-------------------------|---------------------------|-----------------------------|-----------------------------|
| <sup>34</sup> Date New Oil | <sup>35</sup> Gas Delivery Date | <sup>36</sup> Test Date | <sup>37</sup> Test Length | <sup>38</sup> Tbg. Pressure | <sup>39</sup> Csg. Pressure |
| <sup>40</sup> Choke Size   | <sup>41</sup> Oil               | <sup>42</sup> Water     | <sup>43</sup> Gas         | <sup>44</sup> AOF           | <sup>45</sup> Test Method   |

<sup>46</sup> I hereby certify that the rules of the Oil Conservation Division have been complied

OIL CONSERVATION DIVISION