

Submit 3 Copies To Appropriate District Office

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

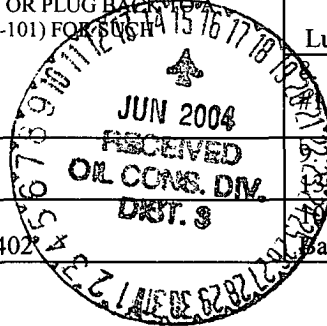
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
Revised June 10, 2003

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|---|--|---|
| SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) | | WELL API NO. 30-045-32010 |
| 1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other | | 5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> |
| 2. Name of Operator Manana Gas, Inc. | | 6. State Oil & Gas Lease No. |
| 3. Address of Operator c/o Walsh Engineering, 7415 E. Main St., Farmington, NM 87402 | | 7. Lease Name or Unit Agreement Name Lucky Lindy |
| 4. Well Location Unit Letter <u>N</u> : <u>750'</u> feet from the <u>South</u> line and <u>1426'</u> feet from the <u>West</u> line Section <u>13</u> Township <u>30N</u> Range <u>12W</u> NMPM San Juan County | | Well Number |
| 11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5540' GR | | 8. OGRID Number 13931 |
| | | 9. Pool name or Wildcat Basin Fruitland Coal / Aztec PC |



12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER: Completion ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

The Aztec Pictured Cliffs and Basin Fruitland Coal were completed in this well according to the attached treatment reports.

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

SIGNATURE Paul C. Thompson TITLE Agent DATE June 14, 2004

Type or print name Paul C. Thompson, P.E. E-mail address: paul@walsheng.net Telephone No. (505) 327-4892
(This space for State use)

APPROVED BY Chuck NR TITLE DEPUTY OIL & GAS INSPECTOR, DIST. 3 DATE JUN 15 2004
Conditions of approval, if any:

FRACTURE TREATMENT REPORT

Operator: Manana Gas, Inc. Well Name: Lucky Lindy #1
Date: 3-Jun-04
Field: Aztec PC & Basin Fruitland Coal Location: 13/30N/12W County: San Juan State: NM
Stimulation Company: Halliburton Supervisor: Paul Thompson

Stage #: 1/2 Pictured Cliffs

Sand on location: Design: 50,000# Weight ticket: 125,160# Size/type: 20/40 Brady

Fluid on location: No. of Tanks: 5 Strap: 20' Amount: 2000 Usable: 1800

Perforations: Depth: 1820' - 1830' Total Holes: 30 PBTD: 1954' KB
Shots per foot: 3 spf EHD: 0.34" Loggers

Breakdown: Acid: None
Balls: None Break at 2600 psi.
Pressure: Rate:

Stimulation: ATP: 800 psi AIR: 18 BPM
MTP: 2600 psi (break) MIR: 20.2 BPM

| | Sand Stage | Pressure | Rate | BHP |
|-------------|------------|----------|------|------|
| ISIP: 660 | pad | 945 | 20.2 | 1649 |
| 5 min: 631 | 1 ppg | 832 | 17.1 | 1608 |
| 10 min: 613 | 2 ppg | 836 | 17.2 | 1658 |
| 15 min: 595 | 3 ppg | 826 | 17.2 | 1681 |
| | 4 ppg | 756 | 17.2 | 1649 |
| | 5 ppg | 732 | 17.1 | 1661 |

Job Complete at: 1150 hrs. Date: 6/3/2004 Start flow back: CIBP
Total Fluid Pumped: 605 bbls
Total Sand Pumped: 50,000 Total Sand on Formation: 50,000
Total Nitrogen Pumped: NA

Notes:

All frac fluid was Aztec City water with 2% KCl and biocide and contained 20#/1000 gal guar gel, crosslinker, surfactant, enzyme and encapsulated breakers. All sand was coated with Sand Wedge. The frac gradient based on the ISIP was 0.80 psi/ft. Dropped the rate from 20 to 17 BPM during the 1 ppg stage due to a declining Nolte plot. The Nolte plot was slightly positive through the rest of the job.

FRACTURE TREATMENT REPORT

Operator: Manana Gas, Inc. Well Name: Lucky Lindy #1
Date: 7-Jun-04
Field: Aztec PC & Basin Fruitland Coal Location: 13/30N/12W County: San Juan State: NM
Stimulation Company: Halliburton Supervisor: Paul Thompson

Stage #: 2/2 Fruitland Coal

Sand on location: Design: 75,000 Weight ticket: 125,400# Size/type: 20/40 Brady

Fluid on location: No. of Tanks: 3 Strap: Amount: 1080 Usable: 1000

Perforations:

Depth: 1785 - 1809' Total Holes: 72 + 72 PBTD: 1815' KB
Shots per foot: 3 spf EHD: 0.34" CIBP

Breakdown:

Acid: None
Balls: None
Pressure: Rate:

Stimulation:

ATP: 1675 psi AIR: 20.1 BPM
MTP: 1770 psi MIR: 20.3 BPM

| | Sand Stage | Pressure | Rate | BHTP |
|--------------|------------|----------|------|------|
| ISIP: 1391 | pad | 1687 | 20.1 | 2373 |
| 5 min: 1128 | 0.5 ppg | 1702 | 20.2 | 2406 |
| 10 min: 1070 | 1 ppg | 1678 | 20.2 | 2400 |
| 15 min: 1040 | 2 ppg | 1663 | 20.2 | 2440 |
| | 3 ppg | 1678 | 20.1 | 2476 |
| | 4 ppg | 1586 | 20.1 | 2429 |
| | 5 ppg | 1535 | 20.1 | 2413 |

Job Complete at: 1045 hrs. Date: 6/7/2004 Start flow back: 1330 hrs.
Total Fluid Pumped: 973 bbls Well had no pressure.
Total Sand Pumped: 75,000 Total Sand on Formation: 75,000
Total Nitrogen Pumped: NA

Notes:

All frac fluid was Aztec City water with 2% KCl and biocide and contained 20#/1000 gal guar gel, crosslinker, surfactant, enzyme and encapsulated breakers. All sand was coated with Sand Wedge. The frac gradient based on the ISIP was 1.21 psi/ft. Pumped approximately 2000 lb at 0.5 ppg at the end of the pad, then went back to pad. Treating pressures increased rapidly when the sand hit the formation then broke back. Nolte plot was relatively flat throughout the job.