

# RECEIVED

Submit To Appropriate District Office  
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District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 N. 1st St., Roswell, NM 88203  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

OCT 22 2008

State of New Mexico  
Energy, Minerals and Natural Resources

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-105  
July 17, 2008

1. WELL API NO.  
30-025-38957

2. Type of Lease  
☐ STATE ☒ FEE ☐ FED/INDIAN

3. State Oil & Gas Lease No

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

4. Reason for filing

☒ **COMPLETION REPORT** (Fill in boxes # 1 through #31 for State and Fee wells only)

☐ **C-144 CLOSURE ATTACHMENT** (Fill in boxes # 1 through #9, # 15 Date Rig Released and #32 and/or #33, attach this and the plat to the C-144 closure report in accordance with 19 15 17 13 K NMAC)

7. Type of Completion

☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER

8. Name of Operator

Mack Energy Corporation

5. Lease Name or Unit Agreement Name  
Boyz Fee

6. Well Number.

2

10. Address of Operator

P.O. Box 960 Artesia, NM 88210

9. OGRID

013837

11. Pool name or Wildcat

Arkansas Junction; San Andres

| 12. Location | Unit Ltr | Section | Township | Range | Lot | Feet from the | N/S Line | Feet from the | E/W Line | County |
|--------------|----------|---------|----------|-------|-----|---------------|----------|---------------|----------|--------|
| Surface:     | B        | 30      | 18S      | 37E   |     | 150           | North    | 1530          | East     | Lea    |
| BH:          | B        | 30      | 18S      | 37E   |     | 346           | North    | 2305 2306     | East     | Lea    |

|                               |                                   |                                    |  |   |
|-------------------------------|-----------------------------------|------------------------------------|--|---|
| 13. Date Spudded<br>7/14/2008 | 14. Date T D Reached<br>8/18/2008 | 15. Date Rig Released<br>8/18/2008 | 16. Date Completed (Ready to Produce)<br>9/11/2008 | 17. Elevations (DF and RKB, RT, GR, etc )<br>3741' GR |
|-------------------------------|-----------------------------------|------------------------------------|--|---|

|  |  |   |  |
|--|--|---|--|
| 18. Total Measured Depth of Well<br>7,560' | 19. Plug Back Measured Depth<br>6,065' | 20. Was Directional Survey Made?<br>Yes | 21. Type Electric and Other Logs Run<br>Gamma Ray Neutron Density Lateralog Spectral Gamma Ray |
|--|--|---|--|

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

4,855-5,031' Arkansas Junction; San Andres

## CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT LB /FT | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|---------------|-----------|-----------|------------------|---------------|
| 8 5/8       | 24            | 1,666'    | 12 1/4    | 650sx            | None          |
| 5 1/2       | 17            | 7,556'    | 7 7/8     | 1500sx           | None          |
|             |               |           |           |                  |               |
|             |               |           |           |                  |               |
|             |               |           |           |                  |               |

## 24 LINER RECORD

| SIZE | TOP | BOTTOM | SACK CEMENT | SCREEN |
|------|-----|--------|-------------|--------|
|      |     |        |             |        |
|      |     |        |             |        |
|      |     |        |             |        |

## 25 TUBING RECORD

| SIZE  | DEPTH SET | PACKER SET |
|-------|-----------|------------|
| 2 7/8 | 5,045'    |            |
|       |           |            |
|       |           |            |

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

4,855-4,863' CIBP @ 6,980' w/ 35' cmt cap  
5,009-5,031' 7,049.5-7,234'  
CIBP @ 6,100' w/ 35' cmt cap  
6,220-6,244'

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

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED  
4,855-7,234' See C-103 for details

## 28 PRODUCTION

|                                    |                          |   |                        |                 |  |                            |                         |
|------------------------------------|--------------------------|---|------------------------|-----------------|--|----------------------------|-------------------------|
| Date First Production<br>9/22/2008 |                          | Production Method (Flowing, gas lift, pumping - Size and type pump)<br>2 1/2 x 2 x 24" pump |                        |                 | Well Status (Prod or Shut-in)<br>Producing |                            |                         |
| Date of Test<br>10/13/2008         | Hours Tested<br>24 hours | Choke Size  | Prod'n For Test Period | Oil - Bbl<br>14 | Gas - MCF<br>27                            | Water - Bbl<br>107         | Gas - Oil Ratio<br>1928 |
| Flow Tubing Press                  | Casing Pressure          | Calculated 24-Hour Rate   | Oil - Bbl<br>14        | Gas - MCF<br>27 | Water - Bbl<br>107                         | Oil Gravity - API - (Corr) |                         |

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

Sold

30. Test Witnessed By

Robert C. Chase

31. List Attachments

Deviation Survey & Logs

32. If a temporary pit was used at the well, attach a plat with the location of temporary pit

33. If an on-site burial was used at the well, report the exact location of the on-site burial

Latitude

Longitude

NAD 1927 1983

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 Jerry W. Sherrill Printed Name Deana Weaver Title Production Clerk Date 10/21/2008  
E-mail Address jerrys@mackenergycorp.com

2002 9 2 100

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

## OIL OR GAS SANDS OR ZONES

## IMPORTANT WATER SANDS

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

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

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

| From | To | Thickness<br>In Feet | Lithology |
|------|----|----------------------|-----------|
|      |    |                      |           |

REFERENCE SHEET FOR  
UNDESIGNATED WELLS

|         | Fm | Pm | N | Pc |
|---------|----|----|---|----|
| 17-21 C | XX | XX |   | XX |
|         |    |    |   |    |
|         |    |    |   |    |
|         |    |    |   |    |

paragraph

|                  |            |
|------------------|------------|
| 1. Date:         | 10/27/2008 |
| 2. Type of Well: |            |
| Oil:             | XX         |
| Gas:             |            |
| 3. County:       | LEA        |

|                                      |                        |               |     |                    |                      |
|--------------------------------------|------------------------|---------------|-----|--------------------|----------------------|
| 4. Operator                          | MACK ENERGY CORP       |               |     | API NUMBER         | 30 - 025 - 38957     |
| 5. Address of Operator               | PO BOX 960<br>BOYZ FEE |               |     |                    |                      |
| 6. Lease name or Unit Agreement Name | ARKANSAS STATE         |               |     | 7. Well Number     | # - 2                |
| 8. Well Location                     |                        |               |     |                    |                      |
| Unit Letter: B                       | 150/346                | feet from the | N   | line and 1530/2306 | feet from the E line |
| Section                              | 30                     | Township      | 18S | Range              | 37E                  |

|                                    |            |           |                           |        |      |
|------------------------------------|------------|-----------|---------------------------|--------|------|
| 9. Completion Date                 | 9/11/2008  | 11. Perts | Top                       | Bottom | TD   |
|                                    |            |           | 4855                      | 5031   | 7560 |
| 10. Name of Producing Formation(s) | SAN ANDRES |           | 12. Open Hole Casing shoe | Bottom | PBTD |
|                                    |            |           |                           |        | 6065 |

|                 |        |   |             |
|-----------------|--------|---|-------------|
| 13. C-123 Filed | Date   | 15. Name of Pool Requested or temporary Wildcat designation | Pool ID num |
| Y               | N XX   | ARKANSAS JUNCTION;SAN ANDRES                                | 2500        |
| 16. Remarks     | EXTEND |   |             |

|   |                              |             |  |
|---|------------------------------|-------------|--|
| TO BE COMPLETED BY DISTRICT GEOLOGIST   |                              |             |  |
| 17. Action taken  | 18. Pool Name                | Pool ID num |  |
| EXTEND  | ARKANSAS JUNCTION;SAN ANDRES | 2500        |  |
| <p>T 18 S, R 36 E</p> <p>SEC 25: N/2 &amp; SW/4</p> <p>SEC 26: SE/4</p> <p>SEC 35: NE/4</p> <p>T 18 S, R 37 E</p> <p>SEC 30: NE/4</p> |                              |             |  |

|   |                     |
|---|---------------------|
| 19. Advertised for HEARING                | 20. Case Number     |
| 21. Name of pool for which was advertised | Pool ID num         |
| ARKANSAS JUNCTION;SAN ANDRES              | 2500                |
| 22. Placed in Pool                        | 23. By order number |
|   | R-                  |