

Form C-103  
Revised March 25, 1999

State of New Mexico  
Energy, Minerals and Natural Resources

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

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

2. Type of Completion:  
NEW ☒ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF. WELL ☐ OVER ☐ BACK ☐ RESVR. ☐ OTHER ☐

3. Name of Operator  
Newfield Exploration Mid-Con Inc.

4. Address of Operator  
10 West 7<sup>th</sup> Street, Suite 1300, Tulsa, OK 74119

5. Well Location  
Unit Letter F 1976 Feet From The North Line and 1455 Feet From The West Line  
Section 27 Township 23S Range 26E NMPM Eddy County

6. Date Spudded  
3-9-02

11. Date T.D. Reached  
4-15-02

12. Date Compl. (Ready to Prod.)  
5-23-02

13. Elevations (DF& RKB, RT, GR, etc.)  
3265'

14. Elev. Casinghead  
Surface

5. Total Depth  
11,990'

16. Plug Back T.D.  
n/a

17. If Multiple Compl. How Many Zones?  
n/a

18. Intervals Drilled By  
Rotary Tools  
11,990'

19. Cable Tools

7. Producing Interval(s), of this completion - Top, Bottom, Name  
Morrow 11464-11668'

20. Was Directional Survey Made  
yes

1. Type Electric and Other Logs Run  
Comp Z-Densilog, Com Densilog, Digital Spectralog, Gamma Ray Log, Dual Laterolog, Micro Laterolog.

22. Was Well Cored  
no

3. CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|----------------|-----------|-----------|------------------|---------------|
| 13 3/8"     | 48#            | 515'      | 17 1/2"   | Surf - 515'      |               |
| 9 5/8"      | 40#            | 2025'     | 12 1/4"   | 2025'-surf       |               |
| 5 1/2"      | 17#            | 11990'    | 8 3/4"    | 11990'-surf      |               |
|             |                |           |           |                  |               |
|             |                |           |           |                  |               |

4. LINER RECORD

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN |
|------|-----|--------|--------------|--------|
|      |     |        |              |        |
|      |     |        |              |        |

25. TUBING RECORD

| SIZE | DEPTH SET | PACKER SET |
|------|-----------|------------|
|      |           |            |
|      |           |            |

6. Perforation record (interval, size, and number)  
11464-11668' w/ 4 spf  
220 holes, .43" entry

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

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
|----------------|-------------------------------|
| 11662-11668'   | 300 gal 7 1/2% HCL            |
| 11634-11642'   | 350 gal 7 1/2% HCL            |
| 11596-11606'   | 300 gal 7 1/2% HCL            |
| 11545-11562'   | 500 gal 7 1/2% HCL            |

8. PRODUCTION

Date First Production  
6-1-02

Production Method (Flowing, gas lift, pumping - Size and type pump)  
Flowing

Well Status (Prod. or Shut-in)  
producing

| Date of Test | Hours Tested | Choke Size | Prod'n For Test Period | Oil - Bbl | Gas - MCF | Water - Bbl. | Gas - Oil Ratio |
|--------------|--------------|------------|------------------------|-----------|-----------|--------------|-----------------|
| 6-1-02       | 22           | 16/64      |                        | 0         | 1341      | 196          |                 |

| Flow Tubing Press. | Casing Pressure | Calculated 24-Hour Rate | Oil - Bbl. | Gas - MCF | Water - Bbl. | Oil Gravity - API - (Corr.) |
|--------------------|-----------------|-------------------------|------------|-----------|--------------|-----------------------------|
| 1500               | 0               |                         |            |           |              |                             |

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

Test Witnessed By

30. List Attachments  
Deviation Survey

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

Signature James B. Lollar Printed Name James B. Lollar Title Operations Engineer Date 6-17-02

WEL NO.  
015-32190

5. Indicate Type of Lease  
STATE XXX FEE ☐

State Oil & Gas Lease No. 193805

7. Lease Name or Unit Agreement Name  
South Carlsbad

8. Well No.  
#6

9. Pool name or Wildcat  
Carlsbad Morrow South

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CISF  
BLM  
BHM  
SAND

## 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 reopened 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. Canyon        |
| T. Salt            | T. Strawn 10228  |
| B. Salt            | T. Atoka 10540   |
| T. Yates           | T. Miss          |
| T. 7 Rivers        | T. Devonian      |
| T. Queen           | T. Silurian      |
| T. Grayburg        | T. Montoya       |
| T. San Andres      | T. Simpson       |
| T. Glorieta        | T. McKee         |
| T. Paddock         | T. Ellenburger   |
| T. Blinberry       | T. Gr. Wash      |
| T. Tubb            | T. Delaware Sand |
| T. Drinkard        | T. Bone Springs  |
| T. Abo             | T. Morrow 11455  |
| T. Wolfcamp        | T.               |
| T. Penn            | T.               |
| T. Cisco (Bough C) | T.               |

### Northwestern New Mexico

|                            |                       |
|----------------------------|-----------------------|
| T. Ojo Alamo_____          | T. Penn. "B"_____     |
| T. Kirtland-Fruitland_____ | T. Penn. "C"_____     |
| T. Pictured Cliffs_____    | T. Penn. "D"_____     |
| T. Cliff House_____        | T. Leadville_____     |
| T. Menefee_____            | T. Madison_____       |
| T. Point Lookout_____      | T. Elbert_____        |
| T. Mancos_____             | T. McCracken_____     |
| T. Gallup_____             | T. Ignacio Otzte_____ |
| Base Greenhorn_____        | T. Granite_____       |
| T. Dakota_____             | T. _____              |
| T. Morrison_____           | T. _____              |
| T. Todilto_____            | T. _____              |
| T. Entrada_____            | T. _____              |
| T. Wingate_____            | T. _____              |
| T. Chinle_____             | T. _____              |
| T. Permian_____            | T. _____              |
| T. Penn "A"_____           | T. _____              |

## OIL OR GAS SANDS OR ZONES

No. 1, from.....**11455**.....to.....**11870**.....

No. 3, from.....**4600**...to.....**4700**.....

No. 2, from.....**10540** .....to.....**11000**.....

No. 4, from.....**4960**.....to.....**6100**.....

## 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  |
|-------|-------|----------------------|------------|
| 0     | 1825  | 1825                 | SS, SH, LS |
| 1825  | 5219  | 3394                 | SS,LS,SH   |
| 5219  | 10228 | 5009                 | LS, SH, SS |
| 10228 | 10540 | 312                  | LS, SH     |
| 10540 | 11455 | 915                  | LS, SH     |
| 11455 | 11991 | 536                  | SS,SH      |

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