

State of New Mexico  
Energy, Minerals and Natural Resources  
OIL CONSERVATION DIVISION

2040 South Pacheco

Santa Fe, NM 87505

Form C-105

Revised March 25, 1999

DHC-3164

WELL API NO.

30-015-32722

5. Indicate Type of Lease

STATE ☒ FEE ☐

State Oil &amp; 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 WORK PLUG DIFF.  
WELL ☒ OVER ☐ DEEPEN ☐ BACK ☐ RESVR. ☐ OTHER ☐

2. Name of Operator

Fasken Oil and Ranch, Ltd. (151416)

3. Address of Operator

303 W. Wall Ave., Suite 1800, Midland, TX 79701-5116

7. Lease Name or Unit Agreement Name

Pecos "36" State

8. Well No.

1

9. Pool name or Wildcat

Avalon Strawn/Avalon Morrow

4. Well Location

Unit Letter E : 1980 Feet From The North Line and 660 Feet From The West Line

Section 36

Township 20S

Range 26E

NMPM

County Eddy

10. Date Spudded

4/20/03

11. Date T.D. Reached

5/28/03

12. Date Compl. (Ready to Prod.)

8/15/03

13. Elevations (DF&amp; RKB, RT, GR, etc.)

3241'

14. Elev. Casinghead

15. Total Depth

10610'

16. Plug Back T.D.

10510'

17. If Multiple Compl. How Many Zones?

2

18. Intervals Drilled By

Rotary Tools

X

Cable Tools

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

9237' - 9440' Strawn, 10176' - 10288' Morrow

20. Was Directional Survey Made

No

21. Type Electric and Other Logs Run

GR/CCL

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 PULLED |
|-------------|----------------|-----------|-----------|------------------|---------------|
| 13 3/8"     | 48#            | 358'      | 17 1/2"   | 440 sx C         | Circulate     |
| 9 5/8"      | 36#            | 3098'     | 12 1/4"   | 975 sx C         | Circulate     |
| 4 1/2"      | 11.6#          | 10610'    | 8 3/4"    | 2430 sx C/Lite   | 2100' TS      |
|             |                |           |           |                  |               |
|             |                |           |           |                  |               |

## 24. LINER RECORD

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE   | DEPTH SET | PACKER SET |
|------|-----|--------|--------------|--------|--------|-----------|------------|
|      |     |        |              |        | 2 3/8" | 9100'     | 9100'      |
|      |     |        |              |        |        |           |            |

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

9237'-9248', 9332'-9337' 9434'-9440' w/ 1jspf Strawn  
10176'-177', 10222'-227', 10251'-256', 10269'-278',  
10282'-288' w/ 1 jsfp Morrow

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

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED                                       |
|----------------|---|
| 9237'-9440'    | 44000scf N2, 1176 gals 7.5% HCL, 36792 gals foam, 58700# 20/40 sand |
| 10176'-10288'  | 10000 scf N2, 966 gals 7.5% HCL                                     |

## 28. PRODUCTION

|                       |                 |   |                        |           |              |                                |                 |
|-----------------------|-----------------|---|------------------------|-----------|--------------|--------------------------------|-----------------|
| Date First Production |                 | Production Method (Flowing, gas lift, pumping - Size and type pump) |                        |           |              | Well Status (Prod. or Shut-in) |                 |
| 8/15/03               |                 | flowing   |                        |           |              | producing                      |                 |
| Date of Test          | Hours Tested    | Choke Size  | Prod'n For Test Period | Oil - Bbl | Gas - MCF    | Water - Bbl.                   | Gas - Oil Ratio |
| 8/21/03               | 24              | 3/4   |                        | 0         | 393          | 4                              | NA              |
| Flow Tubing Press.    | Casing Pressure | Calculated 24-Hour Rate   | Oil - Bbl.             | Gas - MCF | Water - Bbl. | Oil Gravity - API - (Corr.)    |                 |
| 520                   |                 |   | 0                      | 393       | 4            | NA                             |                 |

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

sold

Test Witnessed By

30. List Attachments

C 104, C 102, Deviation Report, Logs

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 *Jimmy D. Carlile* Printed Name Jimmy D. Carlile Title Regulatory Affairs Coor Date 8/22/03

# 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. Blinebry \_\_\_\_\_  
T. Tubb \_\_\_\_\_  
T. Drinkard \_\_\_\_\_  
T. Abo \_\_\_\_\_  
T. Wolfcamp 7670' \_\_\_\_\_  
T. Penn \_\_\_\_\_  
T. Cisco (Bough C) 8168' \_\_\_\_\_

T. Canyon \_\_\_\_\_  
T. Strawn 9235'  
T. Atoka 9458'  
T. Miss \_\_\_\_\_  
T. Devonian \_\_\_\_\_  
T. Silurian \_\_\_\_\_  
T. Montoya \_\_\_\_\_  
T. Simpson \_\_\_\_\_  
T. McKee \_\_\_\_\_  
T. Ellenburger \_\_\_\_\_  
T. Gr. Wash \_\_\_\_\_  
T. Delaware Sand 2093'  
T. Bone Springs 3069'  
T. Morrow 10118'  
T. \_\_\_\_\_  
T. \_\_\_\_\_  
T. \_\_\_\_\_

## Northwestern New Mexico

T. Ojo Alamo \_\_\_\_\_  
T. Kirtland-Fruitland \_\_\_\_\_  
T. Pictured Cliffs \_\_\_\_\_  
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 Otzte \_\_\_\_\_  
T. Granite \_\_\_\_\_  
T. \_\_\_\_\_  
T. \_\_\_\_\_  
T. \_\_\_\_\_  
T. \_\_\_\_\_  
T. \_\_\_\_\_  
T. \_\_\_\_\_  
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 |
|------|----|----------------------|-----------|
|      |    |                      |           |

DISTRICT I  
1625 N. French Dr., Hobbs, NM 88240

DISTRICT II  
811 South First, Artesia, NM 88210

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

DISTRICT IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised March 17, 1999

OIL CONSERVATION DIVISION

2040 South Pacheco  
Santa Fe, New Mexico 87504-2088



AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                            |   |                            |
|----------------------------|---|----------------------------|
| API Number<br>30-015-32722 | Pool Code<br>71080                        | Pool Name<br>Avalon-Strawn |
| Property Code              | Property Name<br>PECOS "36" STATE         | Well Number<br>1           |
| OGED No.<br>151416         | Operator Name<br>FASKEN OIL & RANCH, LTD. | Elevation<br>3241'         |

Surface Location

|                    |               |                  |               |         |                       |                           |                      |                        |                |
|--------------------|---------------|------------------|---------------|---------|-----------------------|---------------------------|----------------------|------------------------|----------------|
| UL or lot No.<br>E | Section<br>36 | Township<br>20 S | Range<br>26 E | Lot Idn | Feet from the<br>1980 | North/South line<br>NORTH | Feet from the<br>660 | East/West line<br>WEST | County<br>EDDY |
|--------------------|---------------|------------------|---------------|---------|-----------------------|---------------------------|----------------------|------------------------|----------------|

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 |
|                        |                 |                    |                       |         |               |                  |               |                |        |
| Dedicated Acres<br>320 | Joint or Infill | Consolidation Code | Order No.<br>DHC-3164 |         |               |                  |               |                |        |

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

|  |  |  |
|--|--|--|
|  | <b>OPERATOR CERTIFICATION</b><br><br>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.<br><br><u>Jimmy D. Carlile</u><br>Signature<br><u>Jimmy D. Carlile</u><br>Printed Name<br><u>Regulatory Affairs Coord.</u><br>Title<br><u>8/22/03</u><br>Date  |  |
|  | <b>SURVEYOR CERTIFICATION</b><br><br>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 the same is true and correct to the best of my belief.<br><br><u>APRIL 1, 2003</u><br>Date Surveyed<br><u>Professional Surveyor</u><br>Signature & Seal of<br><u>W.O. No. 31764</u><br>Certificate No. 7977<br>BASIN SURVEYS |  |
|  |  |  |
|  |  |  |

FET

OPERATOR: FASKEN OIL & RANCH  
WELL/LEASE: PECOS 36 ST. 1  
COUNTY: EDDY

RECEIVED 442-0017  
JUN - 6 2003

STATE OF NEW MEXICO FASKEN OIL AND  
DEVIATION REPORT RANCH, LTD.

|       |       |        |       |
|-------|-------|--------|-------|
| 196   | 3/4   | 6,512  | 3/4   |
| 400   | 3/4   | 6,608  | 2 1/4 |
| 908   | 3/4   | 6,704  | 2 1/2 |
| 1,417 | 1     | 6,800  | 2 1/4 |
| 1,927 | 1 1/4 | 6,896  | 1 3/4 |
| 2,427 | 1 1/4 | 6,992  | 1 1/2 |
| 2,977 | 1 1/4 | 7,088  | 1 3/4 |
| 3,337 | 3/4   | 7,184  | 1 3/4 |
| 3,821 | 2 1/4 | 7,274  | 1 1/4 |
| 3,853 | 2     | 7,470  | 1/2   |
| 3,990 | 2     | 7,626  | 3/4   |
| 4,015 | 2 3/4 | 7,822  | 3/4   |
| 4,109 | 2 1/4 | 8,051  | 1     |
| 4,173 | 2 1/2 | 8,392  | 1/4   |
| 4,237 | 2 1/2 | 8,837  | 1/2   |
| 4,333 | 2 1/2 | 9,348  | 1 1/4 |
| 4,430 | 2 3/4 | 9,827  | 3/4   |
| 4,529 | 3     | 10,374 | 1 1/4 |
| 4,621 | 2 3/4 | 10,607 | 1 1/4 |
| 4,722 | 2     |        |       |
| 4,818 | 1 3/4 |        |       |
| 4,910 | 1 3/4 |        |       |
| 5,042 | 2 3/4 |        |       |
| 5,138 | 2 1/4 |        |       |
| 5,262 | 2     |        |       |
| 5,358 | 2     |        |       |
| 5,485 | 1 3/4 |        |       |
| 5,744 | 3/4   |        |       |
| 6,224 | 1 3/4 |        |       |
| 6,316 | 2 3/4 |        |       |
| 6,416 | 1 3/4 |        |       |



By: Steve Moore

STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on this 5th day of June, 2003, by Steve Moore on behalf of Patterson-UTI Drilling Company LP, LLLP.

Joni D. Hodges  
Notary Public for Midland County, Texas

My Commission Expires: 4/08/2007

