

**RAILROAD COMMISSION OF TEXAS**  
OIL AND GAS DIVISION

Form W-12  
(1-1-71)

| INCLINATION REPORT<br>(One Copy Must Be Filed With Each Completion Report.) |                    |                                                        |
|-----------------------------------------------------------------------------|--------------------|--------------------------------------------------------|
| 1. FIELD NAME (as per RRC Records or Wildcat)                               | 2. LEASE NAME      | 6. RRC District                                        |
| <u>Antelope Ridge</u>                                                       | <u>Adena Comm.</u> |                                                        |
| 3. OPERATOR                                                                 |                    | 7. RRC Lease Number.<br>(Oil completions only)         |
| <u>Penroc Oil Corporation</u>                                               |                    |                                                        |
| 4. ADDRESS                                                                  |                    | 8. Well Number                                         |
| <u>P. O. Drawer 831, Midland, Texas 79701</u>                               |                    | <u>1</u>                                               |
| 5. LOCATION (Section, Block, and Survey)                                    |                    | 9. RRC Identification Number<br>(Gas completions only) |
| <u>Section 11, T-24-S, R-34-E</u>                                           |                    |                                                        |
|                                                                             |                    | 10. County                                             |
|                                                                             |                    | <u>Lea</u>                                             |

**RECORD OF INCLINATION**

| *11. Measured Depth<br>(feet) | 12. Course Length<br>(Hundreds of feet) | *13. Angle of<br>Inclination<br>(Degrees) | 14. Displacement per<br>Hundred Feet<br>(Sine of Angle X100) | 15. Course<br>Displacement (feet) | 16. Accumulative<br>Displacement (feet) |
|-------------------------------|-----------------------------------------|-------------------------------------------|--------------------------------------------------------------|-----------------------------------|-----------------------------------------|
| 175                           | 175                                     | 3/4                                       | 1.31                                                         | 2.29                              | 2.29                                    |
| 350                           | 175                                     | 1 1/2                                     | 2.62                                                         | 4.58                              | 6.87                                    |
| 850                           | 500                                     | 3/4                                       | 1.31                                                         | 6.55                              | 13.42                                   |
| 1350                          | 500                                     | 1/2                                       | .87                                                          | 4.35                              | 17.77                                   |
| 1850                          | 500                                     | 3/4                                       | 1.31                                                         | 6.55                              | 24.32                                   |
| 2350                          | 500                                     | 3/4                                       | 1.31                                                         | 6.55                              | 30.87                                   |
| 2940                          | 590                                     | 1 3/4                                     | 3.05                                                         | 17.99                             | 48.86                                   |
| 3450                          | 510                                     | 2 1/2                                     | 4.36                                                         | 22.24                             | 71.10                                   |
| 3649                          | 199                                     | 2 3/4                                     | 4.80                                                         | 9.55                              | 80.65                                   |
| 3798                          | 149                                     | 3                                         | 5.23                                                         | 7.79                              | 88.44                                   |
| 3841                          | 43                                      | 3                                         | 5.23                                                         | 2.25                              | 90.69                                   |
| 4083                          | 242                                     | 2                                         | 3.49                                                         | 8.45                              | 99.14                                   |
| 4675                          | 592                                     | 3 1/2                                     | 6.11                                                         | 36.17                             | 135.31                                  |
| 4880                          | 205                                     | 3 3/4                                     | 6.54                                                         | 13.41                             | 148.72                                  |
| 4963                          | 83                                      | 4                                         | 6.98                                                         | 5.79                              | 154.51                                  |
| 5033                          | 70                                      | 4                                         | 6.98                                                         | 4.89                              | 159.40                                  |

If additional space is needed, use the reverse side of this form.

17. Is any information shown on the reverse side of this form? ☒ yes ☐ no
18. Accumulative total displacement of well bore at total depth of 14100 feet = 877.84 feet.
- \*19. Inclination measurements were made in - ☐ Tubing ☐ Casing ☐ Open hole ☒ Drill Pipe
20. Distance from surface location of well to the nearest lease line \_\_\_\_\_ feet.
21. Minimum distance to lease line as prescribed by field rules \_\_\_\_\_ feet.
22. Was the subject well at any time intentionally deviated from the vertical in any manner whatsoever? Yes
- (If the answer to the above question is "yes", attach written explanation of the circumstances.) (See remarks on reverse side)

**INCLINATION DATA CERTIFICATION**

I declare under penalties prescribed in Article 6036c, R.C.S., that I am authorized to make this certification, that I have personal knowledge of the inclination data and facts placed on both sides of this form and that such data and facts are true, correct, and complete to the best of my knowledge. This certification covers all data as indicated by asterisks (\*) by the item numbers on this form.

F. T. Brahaney, Jr.  
Signature of Authorized Representative  
F. T. Brahaney, Jr. - Vice President  
Name of Person and Title (type or print)  
Brahaney Drilling Company, Inc.  
Name of Company  
Telephone: 915 684-6305  
Area Code

**OPERATOR CERTIFICATION**

I declare under penalties prescribed in Article 6036c, R.C.S., that I am authorized to make this certification, that I have personal knowledge of all information presented in this report, and that all data presented on both sides of this form are true, correct, and complete to the best of my knowledge. This certification covers all data and information presented herein except inclination data as indicated by asterisks (\*) by the item numbers on this form.

Sterling J. Talley  
Signature of Authorized Representative  
Sterling J. Talley, President  
Name of Person and Title (type or print)  
Penroc Oil Corporation  
Operator  
Telephone: 915 683-1861  
Area Code

Railroad Commission Use Only:

Approved By: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

\* Designates items certified by company that conducted the inclination surveys.

Subscribed and sworn to before me this  
24th day of May, 1974.

My Commission expires: 6/1/75

Notary Public, Midland Co., Texas

# RECORD OF INCLINATION (Continued from reverse side)

| *11. Measured Depth<br>(feet) | 12. Course Length<br>(Hundreds of feet) | *13. Angle of<br>Inclination (Degrees) | 14. Displacement per<br>Hundred Feet<br>(Sine of Angle X100) | 15. Course<br>Displacement (feet) | 16. Accumulative<br>Displacement (feet) |
|-------------------------------|-----------------------------------------|----------------------------------------|--------------------------------------------------------------|-----------------------------------|-----------------------------------------|
| 5200                          | 167                                     | 4                                      | 6.98                                                         | 11.66                             | 171.06                                  |
| 5338                          | 138                                     | 3 1/2                                  | 6.11                                                         | 8.43                              | 179.49                                  |
| 5835                          | 497                                     | 2 1/2                                  | 4.36                                                         | 21.67                             | 201.16                                  |
| 5968                          | 133                                     | 2 1/2                                  | 4.36                                                         | 5.80                              | 206.96                                  |
| 6468                          | 500                                     | 2                                      | 3.49                                                         | 17.45                             | 224.41                                  |
| 6968                          | 500                                     | 1                                      | 1.75                                                         | 8.75                              | 233.16                                  |
| 7468                          | 500                                     | 1 1/4                                  | 2.18                                                         | 10.90                             | 244.06                                  |
| 7777                          | 309                                     | 1                                      | 1.75                                                         | 5.41                              | 249.47                                  |
| 8427                          | 650                                     | 1                                      | 1.75                                                         | 11.37                             | 260.84                                  |
| 8908                          | 481                                     | 3/4                                    | 1.31                                                         | 6.30                              | 267.14                                  |
| 9243                          | 335                                     | 1 3/4                                  | 3.05                                                         | 10.22                             | 277.36                                  |
| 9707                          | 464                                     | 2                                      | 3.49                                                         | 16.19                             | 293.55                                  |
| 10007                         | 300                                     | 2 1/4                                  | 3.93                                                         | 11.79                             | 305.34                                  |
| 10787                         | 780                                     | 1 1/4                                  | 2.18                                                         | 17.00                             | 322.34                                  |
| 11080                         | 293                                     | 1                                      | 1.75                                                         | 5.13                              | 327.47                                  |
| 11504                         | 424                                     | 2 1/4                                  | 3.93                                                         | 16.66                             | 344.13                                  |
| 12100                         | 596                                     | 2                                      | 3.49                                                         | 20.80                             | 364.93                                  |
| 12200                         | 100                                     | 5                                      | 8.72                                                         | 8.72                              | 373.65                                  |
| 12300                         | 100                                     | 5 1/2                                  | 9.95                                                         | 9.95                              | 383.60                                  |
| 12400                         | 100                                     | 6 3/4                                  | 11.75                                                        | 11.75                             | 395.35                                  |
| 12500                         | 100                                     | 9                                      | 15.64                                                        | 15.64                             | 410.97                                  |
| 12600                         | 100                                     | 11 3/4                                 | 20.36                                                        | 20.36                             | 431.35                                  |
| 12700                         | 100                                     | 14 3/4                                 | 25.46                                                        | 25.46                             | 456.81                                  |
| 12800                         | 100                                     | 16 1/2                                 | 28.40                                                        | 28.40                             | 485.21                                  |
| 12900                         | 100                                     | 16 1/2                                 | 28.40                                                        | 28.40                             | 513.61                                  |
| 13000                         | 100                                     | 15                                     | 25.88                                                        | 25.88                             | 539.49                                  |
| 13100                         | 100                                     | 15 1/2                                 | 26.72                                                        | 26.72                             | 566.21                                  |
| 13200                         | 100                                     | 18 3/4                                 | 32.14                                                        | 32.14                             | 598.35                                  |
| 13300                         | 100                                     | 19                                     | 32.56                                                        | 32.56                             | 630.91                                  |
| 13330                         | 30                                      | 19                                     | 32.56                                                        | 9.77                              | 640.68                                  |
| 13350                         | 20                                      | 19                                     | 32.56                                                        | 6.51                              | 647.19                                  |
| 13495                         | 149                                     | 18                                     | 30.90                                                        | 46.04                             | 693.23                                  |
| 13921                         | 422                                     | 17                                     | 29.24                                                        | 123.39                            | 816.62                                  |
| 14100                         | 179                                     | 20                                     | 34.20                                                        | 61.22                             | 877.84                                  |

If additional space is needed, attach separate sheet and check here. ☐

REMARKS: At 13580' taking drill stem test & left part of test tool in hole, set 75 sacks cement, plug back to 13132'. Drilled around fish with Dynadrill tool to TD 14100' & set 5" liner at TD.

## - INSTRUCTIONS -

An inclination survey made by persons or concerns approved by the Commission shall be filed on a form prescribed by the Commission for each well drilled or deepened with rotary tools or when, as a result of any operation, the course of the well is changed. No inclination survey is required on wells that are drilled and completed as dry holes that are plugged and abandoned. (Inclination surveys are required on re-entry of abandoned wells.) Inclination surveys must be made in accordance with the provisions of Statewide Rule 11.

This report shall be filed in the District Office of the Commission for the district in which the well is drilled, by attaching one copy to each appropriate completion for the well. (except Plugging Report)

The Commission may require the submittal of the original charts, graphs, or discs, resulting from the surveys.