

# DEVIATION REPORT

| Name of Company               | Address                                   |
|-------------------------------|-------------------------------------------|
| ENERGEN RESOURCES CORPORATION | 2198 BLOOMFIELD HWY, FARMINGTON, NM 87401 |

| Lease Name & Number | Unit Letter | Section | Township | Range |
|---------------------|-------------|---------|----------|-------|
| Jicarilla West 9M   | C           | 6       | 26N      | 5W    |

| Pool and Formation   | API Number   | County     |
|----------------------|--------------|------------|
| Basin Dakota – 71599 | 30-039-26306 | Rio Arriba |

| <u>Depth (Ft.)</u>            | <u>Deviation (Degrees)</u> |
|-------------------------------|----------------------------|
| 205                           | .25                        |
| 683                           | .50                        |
| 1893                          | 1.75                       |
| 2655                          | .50                        |
| 3208                          | .75                        |
| 3549                          | .50                        |
| 4409                          | .50                        |
| <b>See Directional Report</b> |                            |
| 4909                          | 2.75                       |
| 5414                          | 3.00                       |
| 5754                          | 4.00                       |
| 6248                          | 5.00                       |
| 6744                          | 6.00                       |
| 7244                          | 3.00                       |
| 7652                          | 2.00                       |

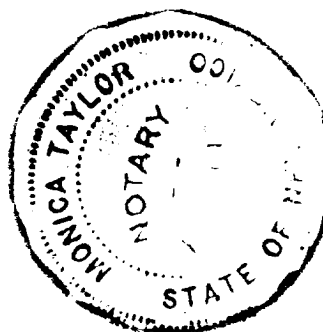


I, the undersigned, certify that I, acting in my capacity as Petroleum Engineer for Energen Resources Corporation, am authorized by said Company to make this report; and that this report was prepared under my supervision and directions, and that the facts stated herein are true to the best of my knowledge and belief.

*[Handwritten Signature]*

Subscribed and sworn to before me this 23<sup>rd</sup> day of May, 2000.

*Monica Taylor*  
 Notary Public in and for San Juan County, New Mexico.  
 My commission expires: November 6<sup>th</sup>, 2001.





Company: Energen Resources

Field: Blanco

Cty/Blk/Par:

Well Name: Jicarilla West 9M

Rig: Aztec 222

Job Number:

Magnetic Decl.:

Grid Corr.:

Total Survey Corr.:

Target Info:

222001

13.00

Assume Vert At CSG 3549

Calculation Method

Proposed Azimuth 180

Depth Reference

Tie Into CSG @ 3549

Minimum Curvature

| No. | Tool Type | Survey Depth (ft) | Incl (°) | Azimuth (°) | Course Lgth (ft) | TVD (ft) | VS (ft) | Coordinates |          | DLS (°/100') | Bld Rate (°/100') | Wlk Rate (°/100') | Remarks      |
|-----|-----------|-------------------|----------|-------------|------------------|----------|---------|-------------|----------|--------------|-------------------|-------------------|--------------|
|     |           |                   |          |             |                  |          |         | N/S (ft)    | E/W (ft) |              |                   |                   |              |
| 0   | Tie In    | 3549              | 0.00     | 0.00        |                  | 3549.00  | 0.00    | 0.00        | 0.00     |              |                   |                   |              |
| 1   | SS        | 4630              | 0.75     | 208.00      | 1081             | 4629.97  | 6.25    | 6.25 S      | 3.32 W   | 0.07         | 0.1               | 19.2              |              |
| 2   | SS        | 4755              | 3.00     | 158.00      | 125              | 4754.90  | 10.00   | 10.00 S     | 2.48 W   | 2.07         | 1.8               | -40.0             |              |
| 3   | PROJ      | 4795              | 3.00     | 158.00      | 40               | 4794.84  | 11.94   | 11.94 S     | 1.70 W   | 0.00         | 0.0               | 0.0               | PROJ TO BIT  |
| 4   | PROJ      | 4881              | 3.00     | 158.00      | 86               | 4880.73  | 16.12   | 16.12 S     | 0.01 W   | 0.00         | 0.0               | 0.0               | PROJ TO FISH |