

District 2 Artesia

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State of New Mexico  
Energy, Minerals and Natural Resources Department  
Oil Conservation Division Hobbs District Office

**BRADENHEAD TEST REPORT**

|                                             |                                   |
|---------------------------------------------|-----------------------------------|
| Operator Name<br><b>Southwest Royalties</b> | API Number<br><b>30-025-32160</b> |
| Property Name<br><b>R R Sims A</b>          | Well No.<br><b># 3</b>            |

**1. Surface Location**

|                      |                      |                        |                     |  |                         |                        |                          |                        |                      |
|----------------------|----------------------|------------------------|---------------------|--|-------------------------|------------------------|--------------------------|------------------------|----------------------|
| UL - Lot<br><b>N</b> | Section<br><b>04</b> | Township<br><b>23S</b> | Range<br><b>37E</b> |  | Feet from<br><b>380</b> | N/S Line<br><b>FSL</b> | Feet From<br><b>2175</b> | E/W Line<br><b>FWL</b> | County<br><b>LEA</b> |
|----------------------|----------------------|------------------------|---------------------|--|-------------------------|------------------------|--------------------------|------------------------|----------------------|

**Well Status**

|                  |                                     |                |                                     |            |            |                                                  |            |                       |
|------------------|-------------------------------------|----------------|-------------------------------------|------------|------------|--------------------------------------------------|------------|-----------------------|
| TA'D WELL<br>YES | <input checked="" type="radio"/> NO | SHUT-IN<br>YES | <input checked="" type="radio"/> NO | INJ<br>INJ | SWD<br>SWD | PRODUCER<br><input checked="" type="radio"/> OIL | GAS<br>GAS | DATE<br><b>6-7-24</b> |
|------------------|-------------------------------------|----------------|-------------------------------------|------------|------------|--------------------------------------------------|------------|-----------------------|

**OBSERVED DATA**

|                             | (A) Surface                                                  | (B) Interm(1)                                                | (C) Interm(2)                                     | (D) Prod Csg                                      | (E) Tubing                                                                                             |
|-----------------------------|--------------------------------------------------------------|--------------------------------------------------------------|---------------------------------------------------|---------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| Pressure                    | <b>0</b>                                                     | <b>0</b>                                                     | <b>0</b>                                          | <b>70</b>                                         | <b>110</b>                                                                                             |
| <b>Flow Characteristics</b> |                                                              |                                                              |                                                   |                                                   |                                                                                                        |
| Puff                        | <input checked="" type="radio"/> Y / <input type="radio"/> N | <input type="radio"/> Y / <input checked="" type="radio"/> N | <input type="radio"/> Y / <input type="radio"/> N | <input type="radio"/> Y / <input type="radio"/> N | CO2 _____<br>WTR _____<br>GAS _____<br><small>Type of fluid injected for waterflood if applies</small> |
| Steady Flow                 | <input type="radio"/> Y / <input checked="" type="radio"/> N | <input type="radio"/> Y / <input checked="" type="radio"/> N | <input type="radio"/> Y / <input type="radio"/> N | <input type="radio"/> Y / <input type="radio"/> N |                                                                                                        |
| Surges                      | <input type="radio"/> Y / <input checked="" type="radio"/> N | <input type="radio"/> Y / <input checked="" type="radio"/> N | <input type="radio"/> Y / <input type="radio"/> N | <input type="radio"/> Y / <input type="radio"/> N |                                                                                                        |
| Down to nothing             | <input checked="" type="radio"/> Y / <input type="radio"/> N | <input type="radio"/> Y / <input checked="" type="radio"/> N | <input type="radio"/> Y / <input type="radio"/> N | <input type="radio"/> Y / <input type="radio"/> N |                                                                                                        |
| Gas or Oil                  | <input type="radio"/> Y / <input checked="" type="radio"/> N | <input type="radio"/> Y / <input checked="" type="radio"/> N | <input type="radio"/> Y / <input type="radio"/> N | <input type="radio"/> Y / <input type="radio"/> N |                                                                                                        |
| Water                       | <input type="radio"/> Y / <input checked="" type="radio"/> N | <input type="radio"/> Y / <input checked="" type="radio"/> N | <input type="radio"/> Y / <input type="radio"/> N | <input type="radio"/> Y / <input type="radio"/> N |                                                                                                        |

Remarks - Please state for each string (A,B,C,D,E) pertinent information regarding bleed down or continuous build up if applies.

|                                               |                            |
|-----------------------------------------------|----------------------------|
| Signature: <b>Ryan Martin</b>                 | OIL CONSERVATION DIVISION  |
| Printed name: <b>Ryan Martin</b>              | Entered into RBDMS         |
| Title: <b>AGENT</b>                           | Re-test                    |
| E-mail Address: <b>Mymerch@Penroc.oil.Com</b> |                            |
| Date: <b>6-7-24</b>                           | Phone: <b>575-492-1236</b> |
| Witness:                                      |                            |

INSTRUCTIONS ON BACK OF THIS FORM

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS

Action 370622

CONDITIONS

|                                                                            |                                                            |
|----------------------------------------------------------------------------|------------------------------------------------------------|
| Operator:<br>SOUTHWEST ROYALTIES INC<br>P O BOX 53570<br>Midland, TX 79710 | OGRID:<br>21355                                            |
|                                                                            | Action Number:<br>370622                                   |
|                                                                            | Action Type:<br>[UF-BHT] Bradenhead Test (BRADENHEAD TEST) |

CONDITIONS

|            |           |                |
|------------|-----------|----------------|
| Created By | Condition | Condition Date |
| kfortner   | None      | 11/4/2024      |