

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

JUL 13 2014

BRADENHEAD TEST REPORT

RECEIVED

|                                                 |                            |
|-------------------------------------------------|----------------------------|
| Operator Name<br>Lime Rock Resources II-A, L.P. | API Number<br>30-025-25178 |
| Property Name<br>North Vacuum ABO North Unit    | Well No.<br>#001           |

7. Surface Location

|               |               |                 |              |                  |                   |                   |                  |               |
|---------------|---------------|-----------------|--------------|------------------|-------------------|-------------------|------------------|---------------|
| UL - Lot<br>N | Section<br>35 | Township<br>16S | Range<br>34E | Feet from<br>660 | N/S Line<br>South | Feet From<br>2180 | E/W Line<br>West | County<br>Lea |
|---------------|---------------|-----------------|--------------|------------------|-------------------|-------------------|------------------|---------------|

Well Status

|                 |         |                  |                    |
|-----------------|---------|------------------|--------------------|
| Well Status - A | SHUT-IN | PRODUCING<br>Oil | DATE<br>04-17-2014 |
|-----------------|---------|------------------|--------------------|

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

OBSERVED DATA

If bradenhead flowed water, check all of the descriptions that apply:

|                             | (A)Surf-Interm | (B)Interm(1)-Interm(2) | (C)Interm-Prod | (D)Prod Csg | (E)Tubing |
|-----------------------------|----------------|------------------------|----------------|-------------|-----------|
| Pressure                    | 0              |                        |                | 70          | 80        |
| <b>Flow Characteristics</b> |                |                        |                |             |           |
| Puff                        | Y / N          | Y / N                  | Y / N          | Y / N       |           |
| Steady Flow                 | Y / N          | Y / N                  | Y / N          | Y / N       |           |
| Surges                      | Y / N          | Y / N                  | Y / N          | Y / N       |           |
| Down to nothing             | Y / N          | Y / N                  | Y / N          | Y / N       |           |
| Gas or Oil                  | Y / N          | Y / N                  | Y / N          | Y / N       |           |
| Water                       | Y / N          | Y / N                  | Y / N          | Y / N       |           |

If bradenhead flowed water, check all of the descriptions that apply:

|       |       |       |        |       |
|-------|-------|-------|--------|-------|
| CLEAR | FRESH | SALTY | SULFUR | BLACK |
|-------|-------|-------|--------|-------|

Remarks:

FOR RECORD ONLY

Tested by Eddie Elliott 432-413-0429

Reported by Trish Mealand 575-623-8424

BS 7/13/2014

|                                                |                           |
|------------------------------------------------|---------------------------|
| Signature: <i>Trish Mealand</i>                | OIL CONSERVATION DIVISION |
| Printed name: Trish Mealand                    | Entered into RBDMS        |
| Title: Production Analyst                      | Re-test                   |
| E-mail Address: pmealand@limerockresources.com |                           |
| Date: 04-23-2014                               | Phone: 575-623-8424       |
| Witness:                                       |                           |

JUL 17 2014