

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**NM OIL CONSERVATION**  
OCD DISTRICT  
ARTESIA DISTRICT

FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

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|  |
|--|
| 5. Lease Serial No.<br>NMLC029426B                 |
| 6. If Indian, Allottee or Tribe Name               |
| 7. If Unit or CA/Agreement, Name and/or No.        |
| 8. Well Name and No.<br>H E WEST B 72              |
| 9. API Well No.<br>30-015-28131-00-S1              |
| 10. Field and Pool or Exploratory Area<br>GRAYBURG |
| 11. County or Parish, State<br>EDDY COUNTY, NM     |

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

|  |   |
|--|---|
| 1. Type of Well<br><input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other |   |
| 2. Name of Operator<br>LINN OPERATING INCORPORATED E-Mail: DGORDON@LINNENERGY.COM<br>Contact: DEBRA GORDON                       |   |
| 3a. Address<br>600 TRAVIS STREET SUITE 5100<br>HOUSTON, TX 77002   | 3b. Phone No. (include area code)<br>Ph: 281-840-4010<br>Fx: 832-209-4340 |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)<br>Sec 9 T17S R31E SESE 660FSL 735FEL                     |   |

**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

| TYPE OF SUBMISSION                                   | TYPE OF ACTION                                |   |  |   |
|--|---|---|--|---|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen               | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Subsequent Report           | <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Hydraulic Fracturing | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice    | <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction     | <input type="checkbox"/> Recomplete                | <input type="checkbox"/> Other          |
|  | <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon     | <input type="checkbox"/> Temporarily Abandon       |   |
|  | <input type="checkbox"/> Convert to Injection | <input checked="" type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal            |   |

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

Linn Operating is respectfully requesting approval to isolate and test the Vacuum Lovington:

1. Drill out CIBP at 3140'
2. RIH with 5-1/2" CIBP and set at +/-3870'
3. RIH with 2-7/8" workstring and 5-1/2" packer. Set packer at +/-3495'
4. Swab test well for 5-7 days.

Following completion of swab test, a work plan will be submitted for permanent RTP and/or P&A.

|   |                          |
|---|--------------------------|
| 14. I hereby certify that the foregoing is true and correct.<br><b>Electronic Submission #360975 verified by the BLM Well Information System<br/>For LINN OPERATING INCORPORATED, sent to the Carlsbad<br/>Committed to AFMSS for processing by CHRISTOPHER WALLS on 12/16/2016 (17CRW0013SE)</b> |                          |
| Name (Printed/Typed) DEBRA GORDON   | Title REGULATORY MANAGER |
| Signature (Electronic Submission)   | Date 12/14/2016          |

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

|   |                          |                 |
|---|--------------------------|-----------------|
| Approved By CHRISTOPHER WALLS   | Title PETROLEUM ENGINEER | Date 12/16/2016 |
| Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. |                          | Office Carlsbad |

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***



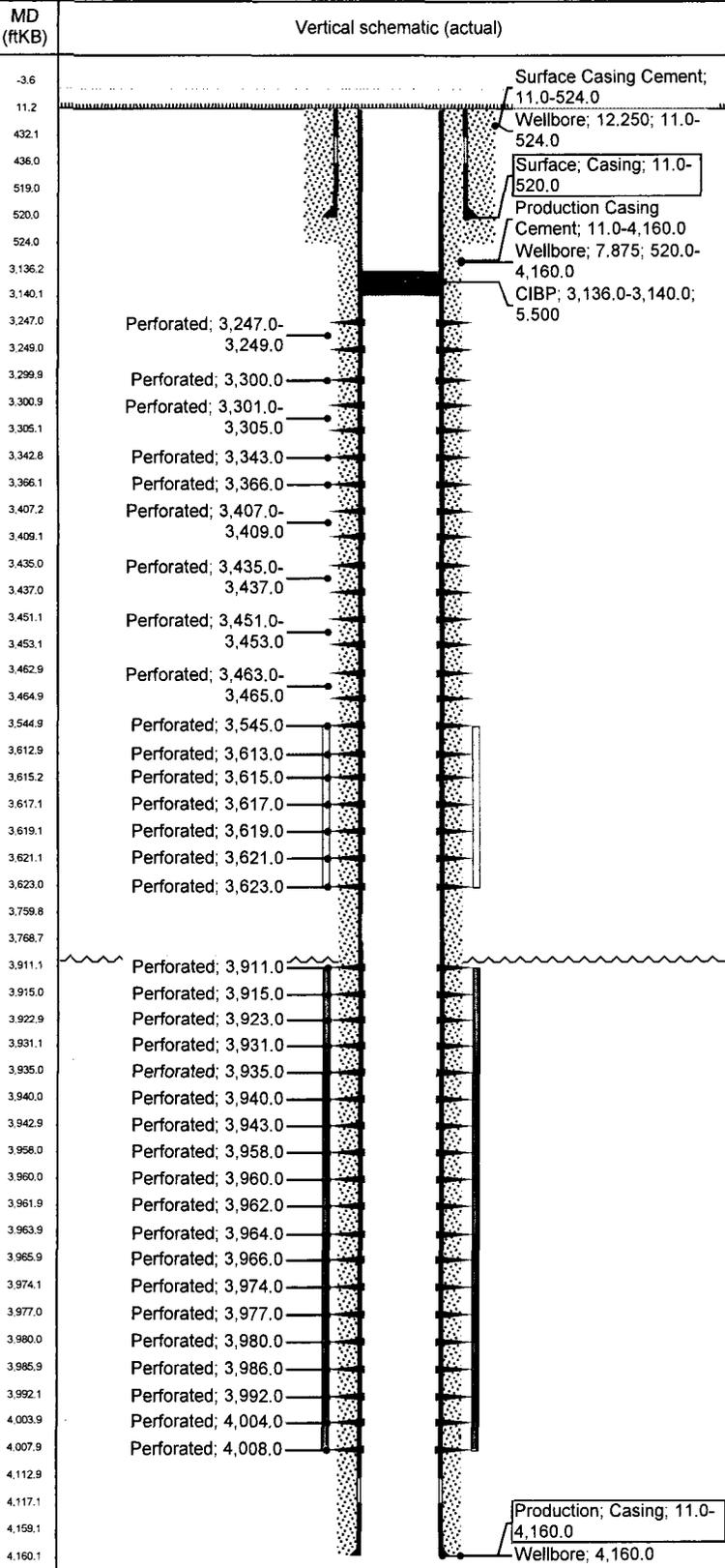
# NM Schematic

Well Name: WEST H E B 72

|                                   |                               |                      |                               |                  |                     |
|-----------------------------------|-------------------------------|----------------------|-------------------------------|------------------|---------------------|
| Ground Elevation (ft)<br>3,873.00 | Orig KB Elev (ft)<br>3,884.00 | KB-Grd (ft)<br>11.00 | Initial Spud Date<br>1/3/1995 | Rig Release Date | TD Date<br>1/8/1995 |
|-----------------------------------|-------------------------------|----------------------|-------------------------------|------------------|---------------------|

Original Hole, 12/14/2016 2:23:34 PM

### Original Hole Data



|                                    |                |
|------------------------------------|----------------|
| <b>Wellbores</b>                   |                |
| North-South Distance (ft)<br>660.0 | NS Flag<br>FSL |
| East-West Distance (ft)<br>735.0   | EW Flag<br>FEL |

|                       |                        |                    |                    |                      |                      |                       |
|-----------------------|------------------------|--------------------|--------------------|----------------------|----------------------|-----------------------|
| <b>Casing Strings</b> |                        |                    |                    |                      |                      |                       |
| Csg Des<br>Surface    | Set Dept...<br>520.0   | OD Nom...<br>8 5/8 | ID Nom...<br>8.097 | W/Len (L...<br>24.00 | String Grade<br>J-55 | Run Date<br>1/4/1995  |
| Csg Des<br>Production | Set Dept...<br>4,160.0 | OD Nom...<br>5 1/2 | ID Nom...<br>4.95  | W/Len (L...<br>15.50 | String Grade<br>J-55 | Run Date<br>1/10/1995 |

|   |                    |                       |             |                        |
|---|--------------------|-----------------------|-------------|------------------------|
| <b>Cement Stages</b>                    |                    |                       |             |                        |
| Description<br>Surface Casing Cement    | Top (ftKB)<br>11.0 | Btm (ftKB)<br>524.0   | Eval Method | Comment<br>425sxs cmt  |
| Description<br>Production Casing Cement | Top (ftKB)<br>11.0 | Btm (ftKB)<br>4,160.0 | Eval Method | Comment<br>2000sxs cmt |

|                       |              |          |           |
|-----------------------|--------------|----------|-----------|
| <b>Tubing Strings</b> |              |          |           |
| Tubing Description    | Set Depth... | Run Date | Pull Date |

|                     |            |         |
|---------------------|------------|---------|
| <b>Perforations</b> |            |         |
| Top (ftKB)          | Btm (ftKB) | Comment |
| 3,247.0             | 3,249.0    |         |
| 3,300.0             | 3,300.0    |         |
| 3,301.0             | 3,305.0    |         |
| 3,343.0             | 3,343.0    |         |
| 3,366.0             | 3,366.0    |         |
| 3,407.0             | 3,409.0    |         |
| 3,435.0             | 3,437.0    |         |
| 3,451.0             | 3,453.0    |         |
| 3,463.0             | 3,465.0    |         |
| 3,545.0             | 3,545.0    |         |
| 3,613.0             | 3,613.0    |         |
| 3,615.0             | 3,615.0    |         |
| 3,617.0             | 3,617.0    |         |
| 3,619.0             | 3,619.0    |         |
| 3,621.0             | 3,621.0    |         |
| 3,623.0             | 3,623.0    |         |
| 3,911.0             | 3,911.0    |         |
| 3,915.0             | 3,915.0    |         |
| 3,923.0             | 3,923.0    |         |
| 3,931.0             | 3,931.0    |         |
| 3,935.0             | 3,935.0    |         |
| 3,940.0             | 3,940.0    |         |
| 3,943.0             | 3,943.0    |         |
| 3,958.0             | 3,958.0    |         |
| 3,960.0             | 3,960.0    |         |
| 3,962.0             | 3,962.0    |         |
| 3,964.0             | 3,964.0    |         |
| 3,966.0             | 3,966.0    |         |
| 3,974.0             | 3,974.0    |         |
| 3,977.0             | 3,977.0    |         |
| 3,980.0             | 3,980.0    |         |
| 3,986.0             | 3,986.0    |         |
| 3,992.0             | 3,992.0    |         |
| 4,004.0             | 4,004.0    |         |
| 4,008.0             | 4,008.0    |         |
| 3,960.0             | 3,960.0    |         |
| 3,962.0             | 3,962.0    |         |



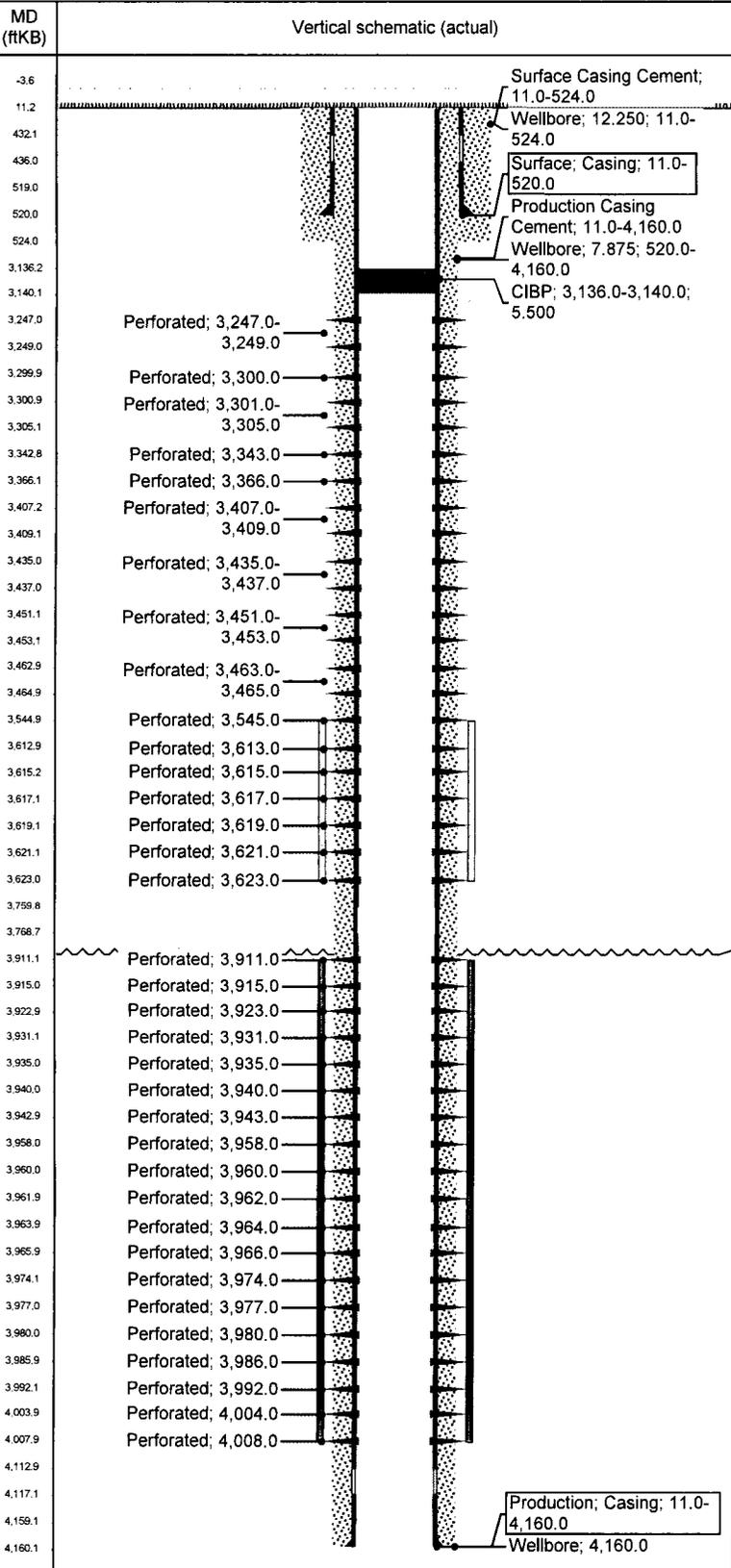
# NM Schematic

Well Name: WEST H E B 72

|                       |                   |             |                   |                  |          |
|-----------------------|-------------------|-------------|-------------------|------------------|----------|
| Ground Elevation (ft) | Orig KB Elev (ft) | KB-Grd (ft) | Initial Spud Date | Rig Release Date | TD Date  |
| 3,873.00              | 3,884.00          | 11.00       | 1/3/1995          |                  | 1/8/1995 |

Original Hole, 12/14/2016 2:23:35 PM

## Original Hole Data



| Perforations |            |         |
|--------------|------------|---------|
| Top (ftKB)   | Btm (ftKB) | Comment |
| 3,964.0      | 3,964.0    |         |
| 3,966.0      | 3,966.0    |         |
| 3,974.0      | 3,974.0    |         |
| 3,977.0      | 3,977.0    |         |
| 3,980.0      | 3,980.0    |         |
| 3,986.0      | 3,986.0    |         |
| 3,992.0      | 3,992.0    |         |
| 4,004.0      | 4,004.0    |         |
| 4,008.0      | 4,008.0    |         |

| Other In Hole |            |            |            |     |
|---------------|------------|------------|------------|-----|
| Des           | Top (ftKB) | Btm (ftKB) | Run Date   | Com |
| CIBP          | 3,136.0    | 3,140.0    | 12/17/1996 |     |

| Formations |              |              |         |
|------------|--------------|--------------|---------|
| Formation  | Final Top... | Final Btm... | Comment |
|            |              |              |         |