

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

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.

5. Lease Serial No.
NMLC029435B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well
 Oil Well Gas Well Other *inj*

2. Name of Operator
 LINN OPERATING INC. Contact: DEBRA GORDON
 E-Mail: dgordon@linnenergy.com

3a. Address
 600 TRAVIS ST. SUITE 5100
 HOUSTON, TX 77002

3b. Phone No. (include area code)
 Ph: 281-840-4010
 Fx: 832-209-4340

8. Well Name and No.
 J L KEEL B 37

9. API Well No.
 30-015-25934

10. Field and Pool, or Exploratory
 GRAYBURG

11. County or Parish, and State
 EDDY COUNTY, NM

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 Sec 5 T7S R31E Mer 6PM 1780FNL 660FWL

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

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|--|---|---|--|--|
| <input 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 checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input checked="" type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other Final Abandonment Notice |
| | <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | |
| | <input type="checkbox"/> Convert to Injection | <input 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 recomplete 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 shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall 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 is respectfully submitting a final plug and abandonment report for the J L Keel B #37 well in Eddy County, NM.

Please see the attached plug and abandonment operational report.

NM OIL CONSERVATION
ARTESIA DISTRICT

SEP 23 2016

Accepted as to plugging of the well bore.
Liability under bond is retained until
Surface restoration is completed.

Reclamation Due 2-11-17

RECEIVED

14. I hereby certify that the foregoing is true and correct.
 Electronic Submission #348532 verified by the BLM Well Information System
 For LINN OPERATING INC., sent to the Carlsbad
 Committed to AFMSS for processing by DEBORAH MCKINNEY on 08/30/2016 ()

Name (Printed/Typed) DEBRA GORDON Title REGULATORY MANAGER

Signature (Electronic Submission) Date 08/19/2016

Accepted for record
NMOCDD
R.L.A.

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By *James A. Combs* Title *SACT* Date *9-9-16*

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 *CEO*

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.

J L KEEL B #37 – EDDY COUNTY, NM
Final Abandonment Report

- 08/08/2016 MIRU plugging equipment. Dug out cellar, ND wellhead, NU BOP
- 08/09/2016 Set 5-1/2" CIBP @ 2889'. Tag'd plug @ 2889'. Circulated hole with mud laden fluid. Spotted 25 sx cmt & displaced it to 2642'. Spotted 25 sx @ 1555'-1308'. WOC.
- 08/10/2016 Tagged plug @ 1330'. Perf'd csg @ 570'. Squeezed 50 sx cmt @ 570' & displaced to 250'. WOC. Tagged plug @ 219'. Perf'd csg @ 200', pressured up on perms. Spotted 20 sx cmt @ 190' & circulated to surface. Rigged down and moved off.
- 08/11/2016 Moved in welder and backhoe. Dug out cellar. Cut off wellhead. Welded on underground dry hole marker. Backfilled cellar. Removed deadmen, cleaned location and moved off.

FINAL PLUG AND ABANDONMENT COMPLETED 08/11/2016



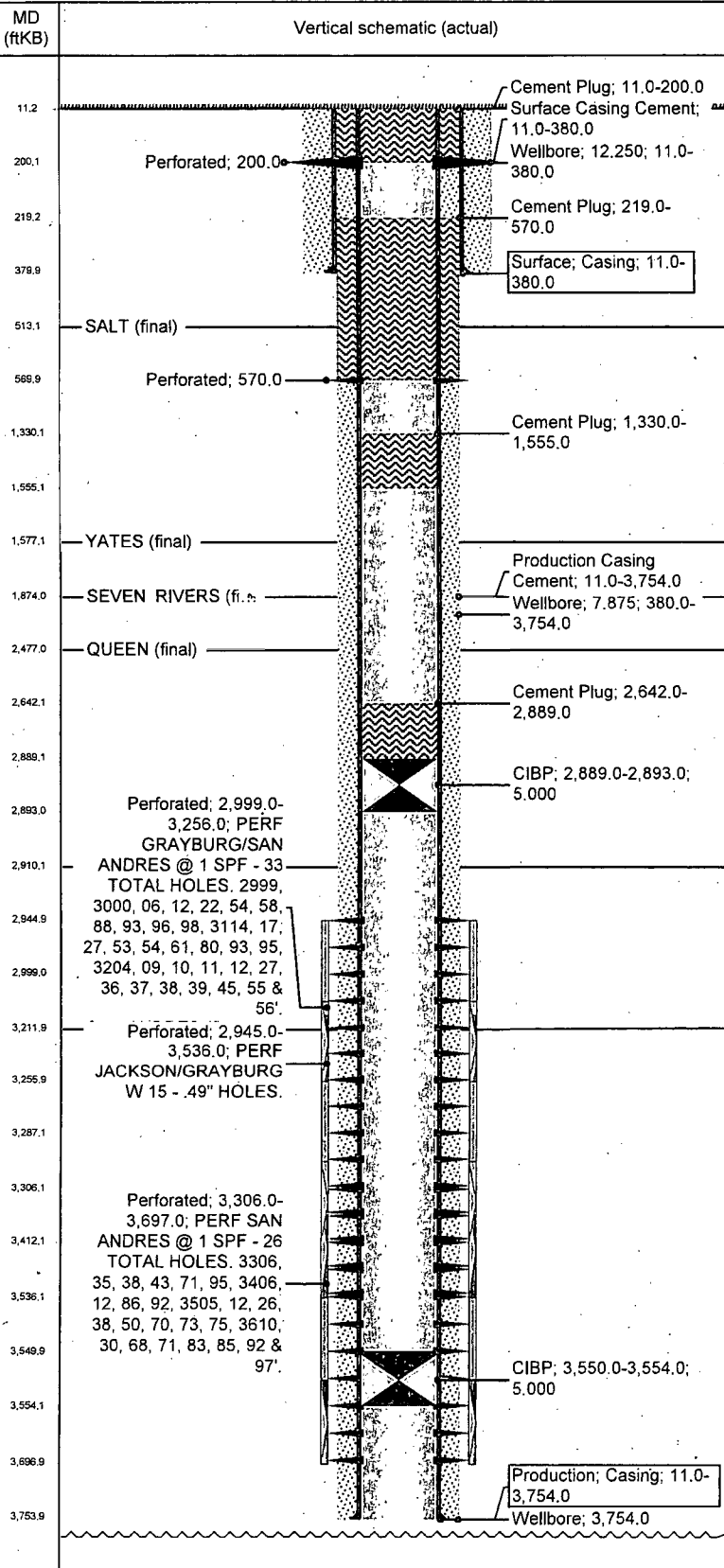
NM Schematic

Well Name: KEEL J L B 37 INJ

| | | | | | | | | |
|-----------------------------------|--|-----------------------|--------------------------------|------------------|---------------------|-----------------------------------|-------------------------------------|------------------|
| APUWV 3001525934 | Field Name BENNETT-GRAYBURG-WEST-CENT | County Eddy | State/Province NM | Section 5 | Township 017-S | Range 031-E | Survey | Block |
| Ground Elevation (ft) 3,805.00 | Orig KB Elev (ft) 3,816.00 | KB Grd. (ft) 11.00 | Initial Spud Date 6/30/1988 | Rig Release Date | TD Date 7/9/1988 | Latitude (°) 32° 51' 57.589" N | Longitude (°) 103° 53' 52.934" W | Operated? Yes |

Original Hole, 8/19/2016 2:32:32 PM

Original Hole Data



| | | | | | | |
|--------------------------|------------|--|-------------|---|--------------|-----------|
| Wellbores | | North-South Distance (ft) | NS Flag | East-West Distance (ft) | EW Flag | |
| Casing Strings | | | | | | |
| Csg Des | Set Dept | OD Nom | ID Nom | W/Len (ft) | String Grade | Run Date |
| Surface | 380.0 | 8 5/8 | 6.097 | 24.00 | J-55 | 7/3/1988 |
| Csg Des | Set Dept | OD Nom | ID Nom | W/Len (ft) | String Grade | Run Date |
| Production | 3,754.0 | 5 1/2 | 4.95 | 15.50 | J-55 | 7/10/1988 |
| Cement Stages | | | | | | |
| Description | Top (ftKB) | Btm (ftKB) | Eval Method | Comment | | |
| Cement Plug | 1,330.0 | 1,555.0 | | Spot 25 sks cmt at 1555'. Tag TOC at 1330'. | | |
| Cement Plug | 2,642.0 | 2,889.0 | | Set CIBP at 2889' and cap with 25 sks cmt. Displace to 2642'. | | |
| Cement Plug | 219.0 | 570.0 | | Comment Perf & Sqz 50 sks cmt at 570'. Tag TOC 219'. | | |
| Cement Plug | 11.0 | 200.0 | | Comment Perf & Sqz 20 sks cmt at 200-surface. | | |
| Surface Casing Cement | 11.0 | 380.0 | | Comment CMT W 500 SX CLASS C CMT. CIRC CMT. | | |
| Production Casing Cement | 11.0 | 3,754.0 | | Comment CMT W 1300 SX CMT. CIRC CMT. | | |
| Tubing Strings | | | | | | |
| Tubing Description | Set Depth | Run Date | Pull Date | | | |
| Tubing | 2,867.0 | 1/8/1998 | 1/6/1999 | | | |
| Tubing | 2,867.0 | 1/8/1999 | 10/21/2010 | | | |
| Tubing - Production | 2,787.0 | 10/26/2010 | 6/1/2016 | | | |
| Perforations | | | | | | |
| Top (ftKB) | Btm (ftKB) | Comment | | | | |
| 200.0 | 200.0 | | | | | |
| 570.0 | 570.0 | | | | | |
| 2,945.0 | 3,536.0 | PERF JACKSON/GRAYBURG W 15 - .49" HOLES. | | | | |
| 2,999.0 | 3,256.0 | PERF GRAYBURG/SAN ANDRES @ 1 SPF - 33 TOTAL HOLES. 2999, 3000, 06, 12, 22, 54, 58, 88, 93, 96, 98, 3114, 17, 27, 53, 54, 61, 80, 93, 95, 3204, 09, 10, 11, 12, 27, 36, 37, 38, 39, 45, 55 & 56'. | | | | |
| 3,306.0 | 3,697.0 | PERF SAN ANDRES @ 1 SPF - 26 TOTAL HOLES. 3306, 35, 38, 43, 71, 95, 3406, 12, 86, 92, 3505, 12, 26, 38, 50, 70, 73, 75, 3610, 30, 68, 71, 83, 85, 92 & 97'. | | | | |
| Other In Hole | | | | | | |
| Des | Top (ftKB) | Btm (ftKB) | Run Date | Com | | |
| CIBP | 3,550.0 | 3,554.0 | 1/7/1999 | | | |
| CIBP | 2,889.0 | 2,893.0 | 8/9/2016 | Set CIBP and tag at 2889' | | |
| Formations | | | | | | |
| Formation | Final Top | Final Btm | Comment | | | |
| SALT | 513.0 | 1,493.0 | | | | |
| YATES | 1,577.0 | | | | | |
| SEVEN RIVERS | 1,874.0 | | | | | |
| QUEEN | 2,477.0 | | | | | |



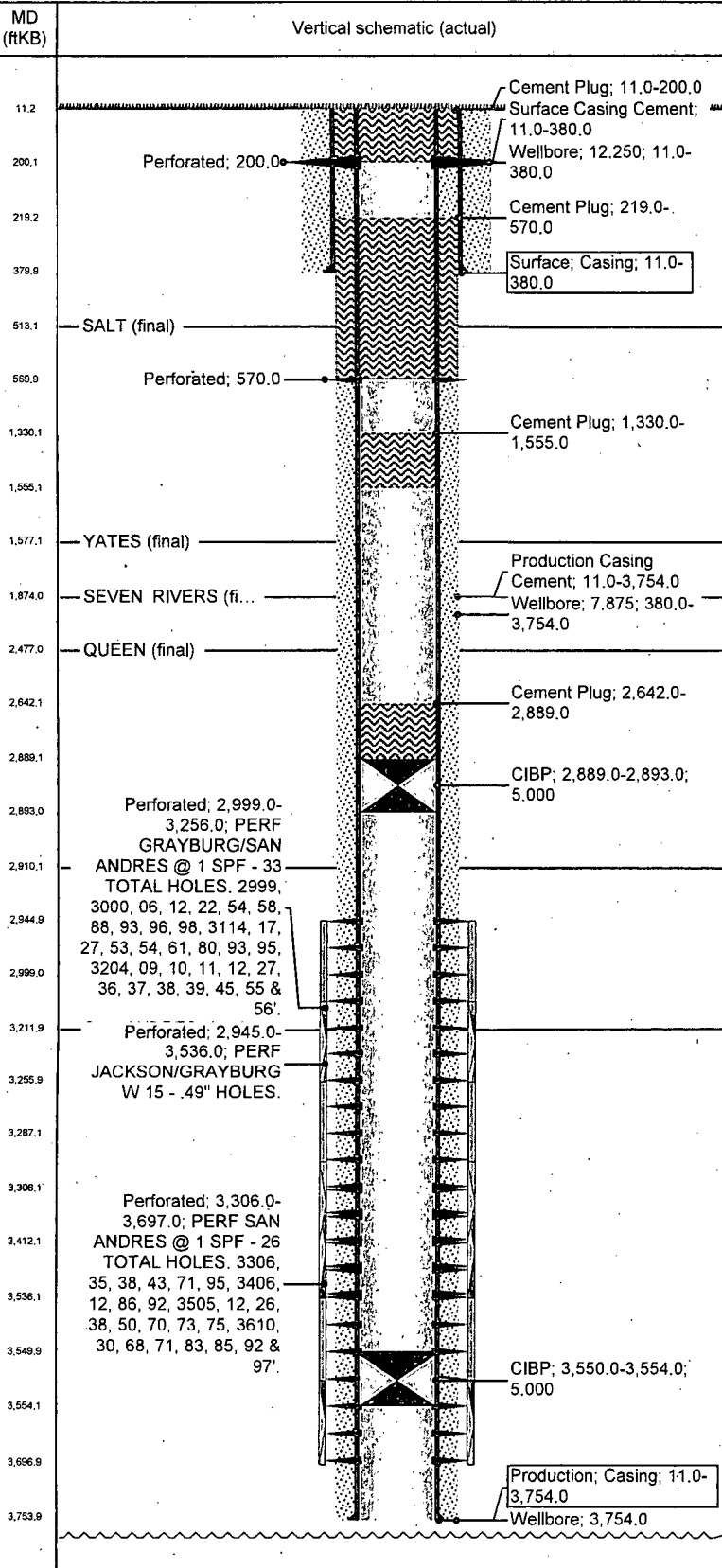
NM Schematic

Well Name: KEEL J L B 37 INJ

| | | | | | | | | |
|-----------------------|-----------------------|-------------|-------------------|------------------|----------|-------------------|--------------------|-----------|
| AP/WV/ | Field Name | County | State/Province | Section | Township | Range | Survey | Block |
| 3001525934 | FBM GRAYBURG WEST CEN | Eddy | NM | 5 | 017 S | 031 E | | |
| Ground Elevation (ft) | Orig KB Elev (ft) | KB-Grd (ft) | Initial Spud Date | Rig Release Date | TD Date | Latitude (°) | Longitude (°) | Operated? |
| 3,805.00 | 3,816.00 | 11.00 | 6/30/1988 | | 7/9/1988 | 32° 51' 57.589" N | 103° 53' 52.934" W | Yes |

Original Hole, 8/19/2016 2:32:33 PM

Original Hole Data



| Formation | Final Top... | Final Btm... | Comment |
|------------|--------------|--------------|---------|
| GRAYBURG | 2,910.0 | | |
| SAN ANDRES | 3,212.0 | | |