

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

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

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other8. Well Name and No.
J L KEEL B 34

2. Name of Operator

LINN OPERATING INCORPORATED

Contact: DANIEL BUSCH

E-Mail: dbusch@linnenergy.com

9. API Well No.

30-015-25447-00-S1

3a. Address

600 TRAVIS STREET SUITE 5100
HOUSTON, TX 77002

3b. Phone No. (include area code)

Ph: 713-904-6537

10. Field and Pool, or Exploratory
GRAYBURG

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 6 T17S R31E SENE 1880FNL 660FEL

11. County or Parish, and State

EDDY COUNTY, NM

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

TYPE OF SUBMISSION

TYPE OF ACTION

☐ Notice of Intent☒ Subsequent Report☐ Final Abandonment Notice☐ Acidize☐ Alter Casing☐ Casing Repair☐ Change Plans☐ Convert to Injection☐ Deepen☐ Fracture Treat☐ New Construction☒ Plug and Abandon☐ Plug Back☐ Production (Start/Resume)☐ Reclamation☐ Recomplete☐ Temporarily Abandon☐ Water Disposal☐ Water Shut-Off☐ Well Integrity☐ Other

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 shall 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 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 Operating, Inc. respectfully submits the attached daily work report for the P&A of this well that took place from 8/3/16 - 8/5/16. Please also see attached for the as-plugged wellbore diagram.

NM OIL CONSERVATION
ARTESIA DISTRICT

AUG 22 2016

RECEIVED

RECLAMATION
DUE 2-5-17Accepted as to plugging of the well bore.
Liability under bond is retained until
Surface restoration is completed.

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #347131 verified by the BLM Well Information System

For LINN OPERATING INCORPORATED, sent to the Carlsbad

Committed to AFMSS for processing by PRISCILLA PEREZ on 08/10/2016 (16CRW0065SE)

Name (Printed/Typed) DANIEL BUSCH

Title REGULATORY SUPERVISOR

Signature (Electronic Submission)

Date 08/08/2016

Accepted for record
NMOCD
A.W.B.

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

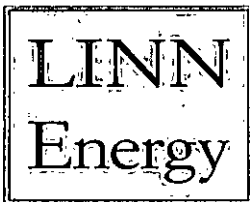
Date

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

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.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****



 **NEW MEXICO SUNDRY REQUEST** 

Well Name	JL Keel B 34
Type of Sundry	<input type="checkbox"/> NOI <input checked="" type="checkbox"/> SUBSEQUENT
Type of Work	P&A
API Number	30-015-25447
Description of Work	<p>08/03/16 MIRU plugging equipment. ND wellhead, NU BOP. Set 5 1/2 CIBP @ 2798'. Circulated hole w/ mud laden fluid. Spot'd 25 sx cmt @ 2798-2551'.</p> <p>08/04/16 Spot'd 25 sx class C cmt w 2% CACL at 1400' & displaced to 1152'. WOC. Tagged plug @ 1195'. Perf'd csg @ 525'. Sgz'd 45 sx class C cmt & displaced to 350'. WOC.</p> <p>08/05/16 Tagged plug @ 330'. Perf'd csg @ 200'. Sgz'd 25 sx cmt & displaced to 100'. (Notified El Gonzales & Gabriel w/ BLM). WOC. Tagged plug @ 120'. Spot'd 15 sx cmt @ 120' & circulated to surface. Rigged down and moved off. 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.</p>
Attachments	Wellbore Schematic
Comments	To clear NOV for failed MIT.

Engineer: Jeff Haines

Date: 8/8/2016



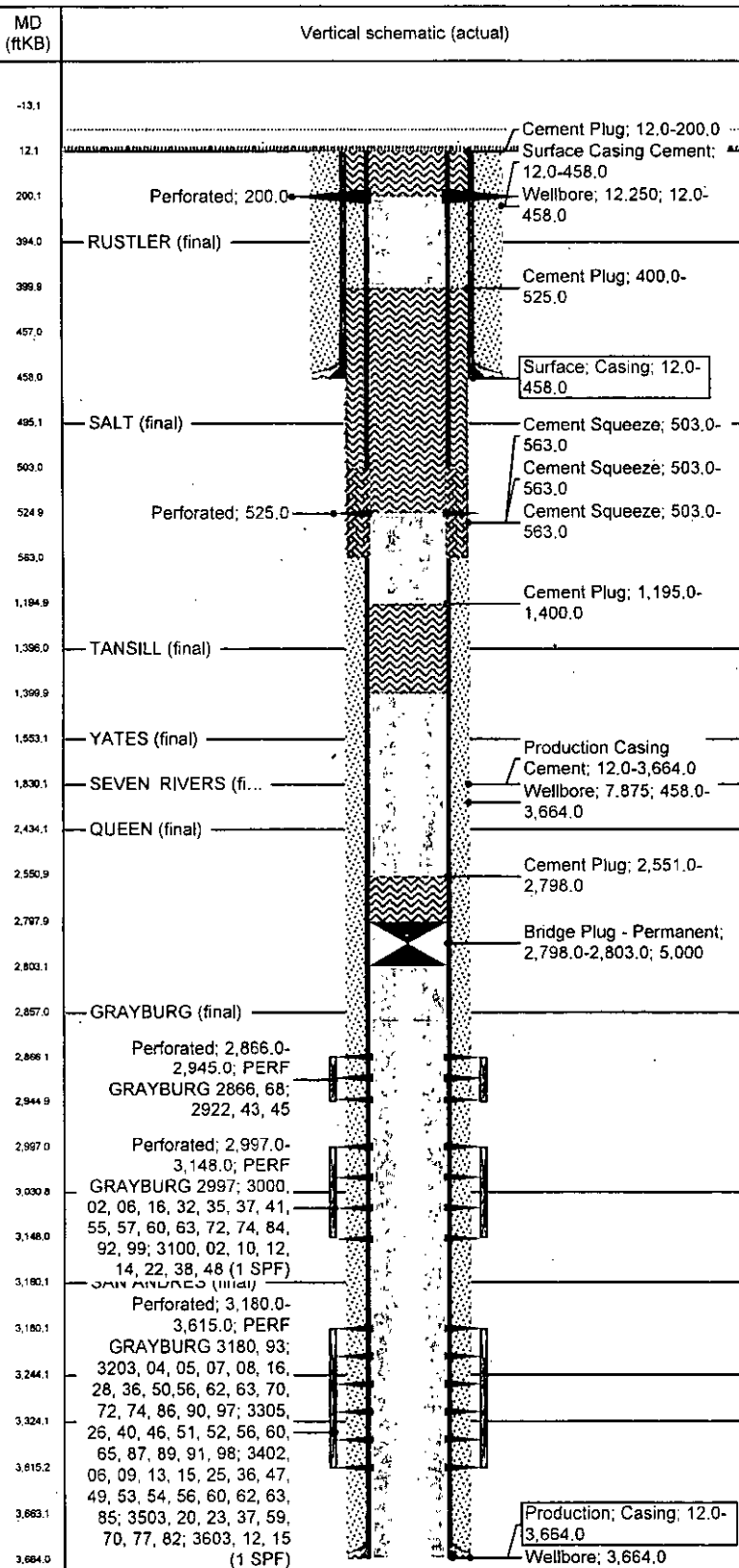
NM Schematic

Well Name: KEEL J L B 34 INJ

APVUW: 3001525447	Field Name: BPNM-5 PB-GRAYBURG WEST CEN	County: Eddy	State/Province: NM	Section: 6	Township: 017-S	Range: 031-E	Survey: 103-54-8-379-2W	Block: 1
Ground Elevation (ft) 3,772.80	Orig KB Elev (ft) 3,784.80	KB-Grd (ft) 12.00	Initial Spud Date 8/23/1988	Rig Release Date	TD Date 9/2/1988	Latitude (°) 32°51'56.653"N	Longitude (°) 103°54'8.379"W	Operated? Yes

Original Hole, 8/8/2016 4:23:59 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	458.0	8 5/8	7.825	36.00	J-55	8/23/1988
Production	3,664.0	5 1/2	4.95	15.50	J-55	9/2/1988

Cement Stages

Description	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
Cement Plug	2,551.0	2,798.0		Set CIBP at 2798. Cap with 25 sks cmt 2798'-2551'
Cement Plug	1,195.0	1,400.0		Spot 25 sks cmt 1400-1195 (TOC Tagged)
Cement Plug	400.0	525.0		Perf & Sqz 45 sks cmt 525-330 (TOC Tagged).
Cement Plug	12.0	200.0		Perf & Sqz 40 sks cmt 200-surface.
Surface Casing Cement	12.0	458.0		Cement W/ 500 SXS CLASS 'C' & 2% CACL. CEMENT DID NOT CIRCULATE. NO CIRCULATION. RAN 1" TUBING TO 345' AND TAGGED CEMENT. CEMENT W/ 50 SXS CLASS 'C' & 3% CACL. RAN 1" TUBING TO 250'. CEMENT W/ 125 SXS CLASS 'C' & 3% CACL. RAN 1" TUBING TO 40' AND TAGGED CEMENT. CEMENT W/ 25 SXS CLASS 'C'. CIRCULATED CEMENT TO SURFACE
Production Casing Cement	12.0	3,664.0		Cement W/ 1000 SXS LITE FOLLOWED BY 400 SXS CLASS 'C' & 8% CALSEAL. CIRCULATED 260 SXS TO SURFACE
Cement Squeeze	503.0	563.0		SQUEEZE W/ 250 SXS CLASS 'C' CEMENT W/ 2% CACL. 1.32 YIELD (85 BBLs)
Cement Squeeze	503.0	563.0		RE-SQUEEZE W/ 50 SXS CEMENT
Cement Squeeze	503.0	563.0		RE-SQUEEZE W/ 50 SXS CLASS 'C' NEAT W/ 100# CACL ADDED TO MAKE 2%

Tubing Strings

Tubing Description	Set Depth...	Run Date	Pull Date
Tubing - Production	2,750.0	7/28/2011	6/1/2016

Perforations

Top (ftKB)	Btm (ftKB)	Comment
200.0	200.0	
525.0	525.0	



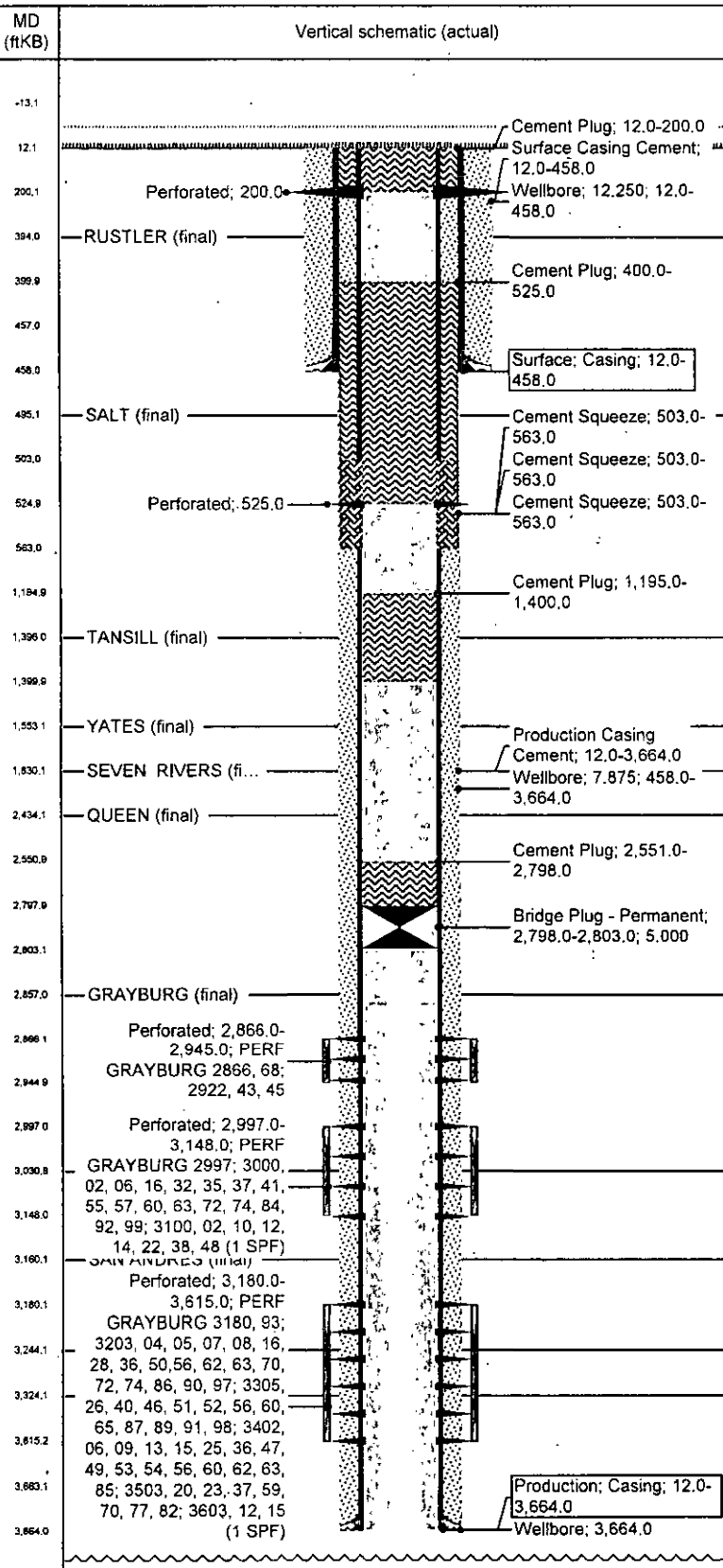
NM Schematic

Well Name: KEEL J L B 34 INJ

APVUWJ	Field Name	County	State/Province	Section	Township	Range	Survey	Block
3001525447	PENNY PB GRAYBURG WEST CENS	Eddy	NM	6	017 S	031 E		
Ground Elevation (ft)	Ong KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,772.80	3,784.80	12.00	8/23/1988		9/2/1988	32°51'56"653"N	103°54'08"379"W	Yes

Original Hole, 8/8/2016 4:23:59 PM

Original Hole Data



Perforations				
Top (ftKB)	Btm (ftKB)	Comment		
2,866.0	2,945.0	PERF GRAYBURG 2866, 68; 2922, 43, 45		
Top (ftKB)	Btm (ftKB)	Comment		
2,997.0	3,148.0	PERF GRAYBURG 2997; 3000, 02, 06, 16, 32, 35, 37, 41, 55, 57, 60, 63, 72, 74, 84, 92, 99; 3100, 02, 10, 12, 14, 22, 38, 48 (1 SPF)		
Top (ftKB)	Btm (ftKB)	Comment		
3,180.0	3,615.0	PERF GRAYBURG 3180, 93; 3203, 04, 05, 07, 08, 16, 28, 36, 50, 56, 62, 63, 70, 72, 74, 86, 90, 97; 3305, 26, 40, 46, 51, 52, 56, 60, 65, 87, 89, 91, 98; 3402, 06, 09, 13, 15, 25, 36, 47, 49, 53, 54, 56, 60, 62, 63, 85; 3503, 20, 23, 37, 59, 70, 77, 82; 3603, 12, 15 (1 SPF)		
Other In Hole				
Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
Bridge Plug - Permanent	2,798.0	2,803.0		
Formations				
Formation	Final Top...	Final Btm...	Comment	
RUSTLER	394.0			
Formation	Final Top...	Final Btm...	Comment	
SALT	495.0			
Formation	Final Top...	Final Btm...	Comment	
TANSILL	1,396.0			
Formation	Final Top...	Final Btm...	Comment	
YATES	1,553.0			
Formation	Final Top...	Final Btm...	Comment	
SEVEN RIVERS	1,830.0			
Formation	Final Top...	Final Btm...	Comment	
QUEEN	2,434.0			
Formation	Final Top...	Final Btm...	Comment	
GRAYBURG	2,857.0			
Formation	Final Top...	Final Btm...	Comment	
PREMIER SANDS	3,031.0			
Formation	Final Top...	Final Btm...	Comment	
SAN ANDRES	3,160.0			
Formation	Final Top...	Final Btm...	Comment	
LOVINGTON SAND	3,244.0			
Formation	Final Top...	Final Btm...	Comment	
LOWER SA M	3,324.0			