

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.

8. Well Name and No.
J L KEEL B 78

9. API Well No.
30-015-28296-00-S1

10. Field and Pool, or Exploratory
GRAYBURG

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

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
LINN OPERATING INCORPORATED
Contact: ALEX BOLANOS
E-Mail: abolanos@linnenergy.com

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

3b. Phone No. (include area code)
Ph: 281-840-4352
Fx: 832-209-4338

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 8 T17S R31E NWSE 1330FSL 2616FEL

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 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 checked="" 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.)

ON 8/27/14 LINN REQUESTED TO MIRU ON THE MENTIONED WELL TO ESTABLISH AN INJECTION RATE. LINN SUBSEQUENTLY HAD A FISH STUCK IN HOLE AND DECIDED TO P&A THIS WELL. LINN WAS GRANTED VERAL APPROVAL TO PLUG THIS WELL ON 9/24/14 BY JIM AMOS AND STEVE CAFFEY.

PLEASE FIND ATTACHED THE COMPLETED PLUG & ABANDONMENT REPORT ALONG WITH A WELLBORE DIAGRAM.

NM OIL CONSERVATION

ARTESIA DISTRICT

JAN 22 2015

RECEIVED

RECLAMATION

DUE 6-17-15

Accepted for record
RD NMOC 2/11/15

Accepted 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 #286475 verified by the BLM Well Information System
For LINN OPERATING INCORPORATED, sent to the Carlsbad
Committed to AFMSS for processing by JAMES AMOS on 01/19/2015 (15JA0181SE)

Name (Printed/Typed) ALEX BOLANOS Title AUTHORIZED SIGNATURE

Signature (Electronic Submission) Date 12/30/2014

ACCEPTED FOR RECORD

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____ Title _____ Date JAN 19 2015

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.

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.

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

JL KEEL B #078
API: 30-015-28296 – EDDY COUNTY, NM
COMPLETED PLUG & ABANDONMENT REPORT
ATTACHMENT TO FORM 3160-5

12/10/14

MIRU plugging equipment. Dug out cellar. ND wellhead. NU BOP. RIH w/ gauge ring on wireline. Stopped @ 700.'

12/11/14

RIH w/ 4 3/4 bit. Stopped @ 700'. Circulated red bed. RIH w/ notched collar to 720'. POH.

12/15/14

Rigged up reverse rig: RIH w/ bit and drilled from 714 to 1543. Pumped 40 bbls. of mud laden fluid. POH.

12/16/14

RIH and set packer @ 1200'. Pressured up to 500 psi. ok. Perf'd csg @ 1540'. Sqz'd 200 sx cement and displaced to 1440'. (per Kent Caffal w/ BLM). WOC. Tagged plug @ 1427'. Perf'd csg @ 1327'. Set packer @ 1295'. Pressured up to 500 psi. ok.

12/17/14

POH w/ packer. RIH open ended and spotted 80 sx cement @ 1427-637'. WOC.

12/18/14

Tagged plug @ 605'. Set packer @ surface. Tried to pressure up on csg. No pressure. Isolated holes in csg @ 405' to 605'. Set packer @ 158' and Sqz'd 65 sx cement. Displaced to 350'. (per Kent Caffal w/ BLM). WOC. Tagged plug @ 382'. POH. ND BOP. RIH w/ tbg to 382'. Spotted 25 sx cement @ 382'-135'. WOC.

12/19/14

Tagged plug @ 95'. Perf'd csg @ 60'. Pressured up on perms to 500 psi. Spotted 25 sx cement @ 95' to surface. Rigged down and moved off.

12/27/14

Moved in welder and backhoe. Dug out cellar. Cut off wellhead. Welded on "Below Ground Dry Hole Marker". BLM ok'd. Backfilled cellar. Removed deadmen and moved off.



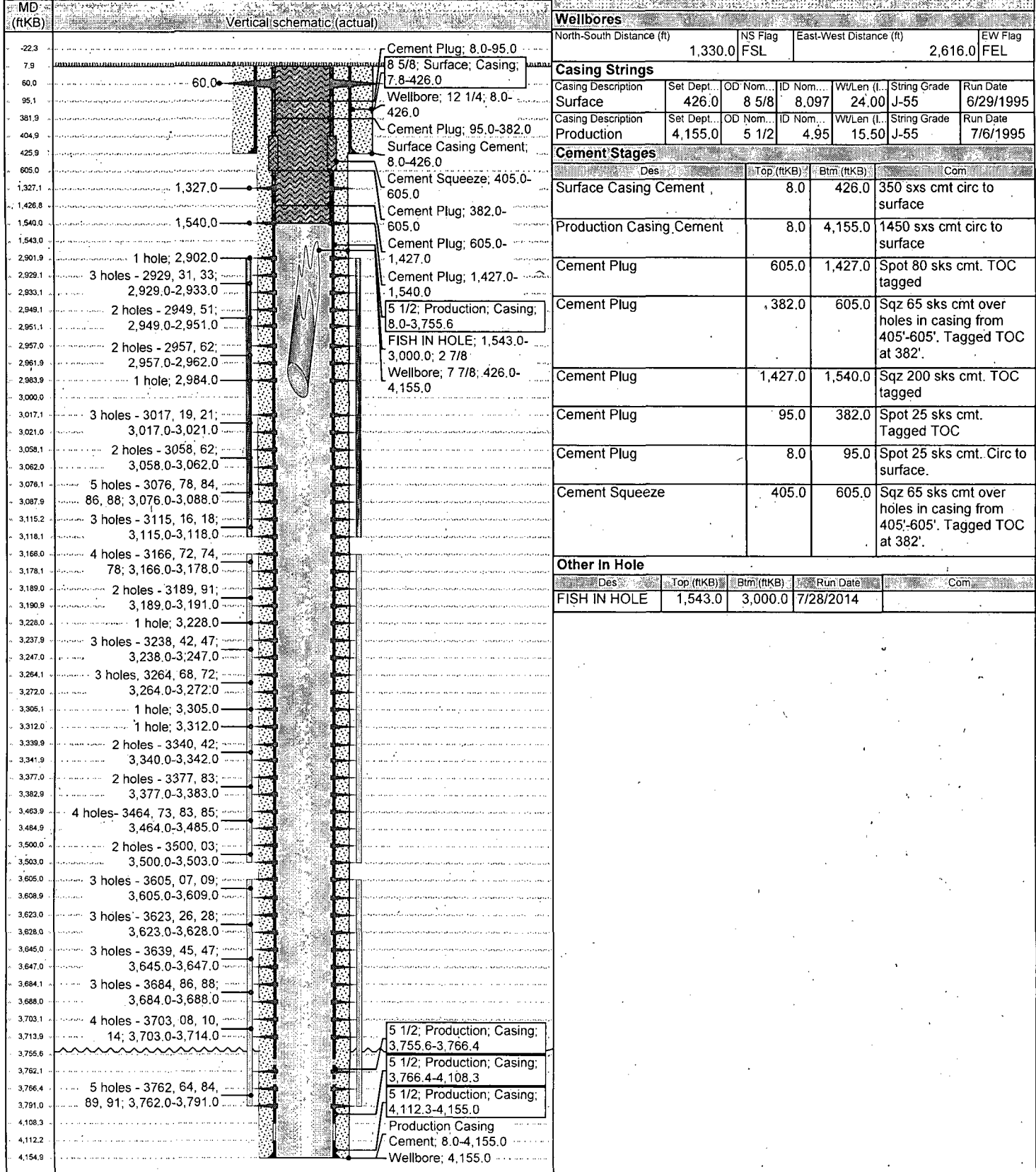
NM P&A Schematic

Well Name: KEEL J L'B 78

API/UWI 3001528296	Field Name PBNM - PB-GRAYBURG	County Eddy	State/Prov NM	Section 8	Township 017-S	Range 031-E	Survey	Block
Ground Elevation (ft) 3,740.00	Orig KB Elev (ft) 3,748.00	KB-Grd (ft) 8.00	Initial Spud Date 6/27/1995	Rig Release Date	TD Date 7/4/1995	Latitude (°) 32° 50' 43.332" N	Longitude (°) 103° 53' 28.716" W	Operated? Yes

Original Hole: 12/29/2014 2:25:58 PM

Original Hole Data



Wellbores	
North-South Distance (ft) 1,330.0	East-West Distance (ft) 2,616.0
NS Flag FSL	EW Flag FEL

Casing Strings						
Casing Description	Set Dept.	OD Nom.	ID Nom.	WVLen (L)	String Grade	Run Date
Surface	426.0	8 5/8	8.097	24.00	J-55	6/29/1995
Casing Description	Set Dept.	OD Nom.	ID Nom.	WVLen (L)	String Grade	Run Date
Production	4,155.0	5 1/2	4.95	15.50	J-55	7/6/1995

Cement Stages			
Des	Top (ftKB)	Btm (ftKB)	Com
Surface Casing Cement	8.0	426.0	350 sxs cmt circ to surface
Production Casing Cement	8.0	4,155.0	1450 sxs cmt circ to surface
Cement Plug	605.0	1,427.0	Spot 80 sks cmt. TOC tagged
Cement Plug	382.0	605.0	Sqz 65 sks cmt over holes in casing from 405'-605'. Tagged TOC at 382'.
Cement Plug	1,427.0	1,540.0	Sqz 200 sks cmt. TOC tagged
Cement Plug	95.0	382.0	Spot 25 sks cmt. Tagged TOC
Cement Plug	8.0	95.0	Spot 25 sks cmt. Circ to surface.
Cement Squeeze	405.0	605.0	Sqz 65 sks cmt over holes in casing from 405'-605'. Tagged TOC at 382'.

Other In Hole				
Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
FISH IN HOLE	1,543.0	3,000.0	7/28/2014	