

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.
NMLC029426B

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
HE WEST B 0039. API Well No.
30-015-0506810. Field and Pool, or Exploratory
GRAYBURG-JACKSON;SR-Q-G-S11. County or Parish, and State
EDDY COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**1. Type of Well
☒ Oil Well ☐ Gas Well ☒ Other2. Name of Operator
LINN OPERATING INC. Contact: DEBI GORDON
E-Mail: dgordon@linnenergy.com3a. Address
600 TRAVIS ST. SUITE 5100
HOUSTON, TX 77002
3b. Phone No. (include area code)
Ph: 281-840-4010
Fx: 832-209-43404. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 17 T17S R31E Mer 6PM NENW 660FNL 1980FWL**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
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Final Abandonment Notice
	<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 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. is respectfully submitting a final plug and abandonment summary for the H.E. West B #003 well in Eddy County, NM.

Please see the attached final report and wellbore schematic.

NM OIL CONSERVATION
ARTESIA DISTRICT
SEP 23 2016Accepted as to plugging of
Liability under bond if retained until
Surface restoration is completed.
RECEIVED*Reclamation Due 2-19-17*

14. I hereby certify that the foregoing is true and correct. Electronic Submission #349551 verified by the BLM Well Information System For LINN OPERATING INC., sent to the Carlsbad Committed to AFMSS for processing by DEBORAH MCKINNEY on 08/31/2016 ()	
Name (Printed/Typed) DEBI GORDON	Title REGULATORY MANAGER
Signature (Electronic Submission)	Date 08/30/2016
THIS SPACE FOR FEDERAL OR STATE OFFICE USE	
Approved By <i>James Q. [Signature]</i>	Title <i>SPGT</i>
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 <i>CFO</i>
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.	

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

FINAL PLUG AND ABANDONMENT REPORT FOR THE HE WEST B #3 WELL IN EDDY COUNTY, NM

8/4/16	MIRU
8/5/16	Pull on tbg to get tbg slips out, slips still in wellhead. Could not unset or shear pkr. To cut off tbg per BLM (Jim Amos).
8/8/16	MIRU wireline. Tag pkr at 3125'. Cut tbg off at 3123'. Unable to get tbg slips free.
8/9/16	Removed slips. POOH 137 jts. TIH w gauge ring to 3100'. Set CIBP at 3100'.
8/10/16	Tag CIBP at 3100'. Circ well with mud. Pressure test well to 500#.
8/11/16	Spot 25 sks on top of CIBP. Tag TOC at 2994'.
8/16/16	Perf at 1725'. Kill well with 10# brine. Sqz 75 sks cmt at 1725'.
8/17/16	Flow back well. Pump 60 sks cmt.
8/18/16	Tag TOC at 1567'. Perf at 775'. Sqz 80 sks cmt.
8/19/16	Tag at 370'. Perf at 200'. Pump 200 sks cmt to surface. Top off well with 15 sks cmt.
8/30/16	Attempted to move in welder and backhoe to complete wellhead cut off and dry hole marker installation. Weather delay.
8/30/16	EL Gonzales received verbal approval from Jim Amos to submit Final PA sundry. BLM will be notified to witness top of cement and verify underground dry hole marker after weather clears.



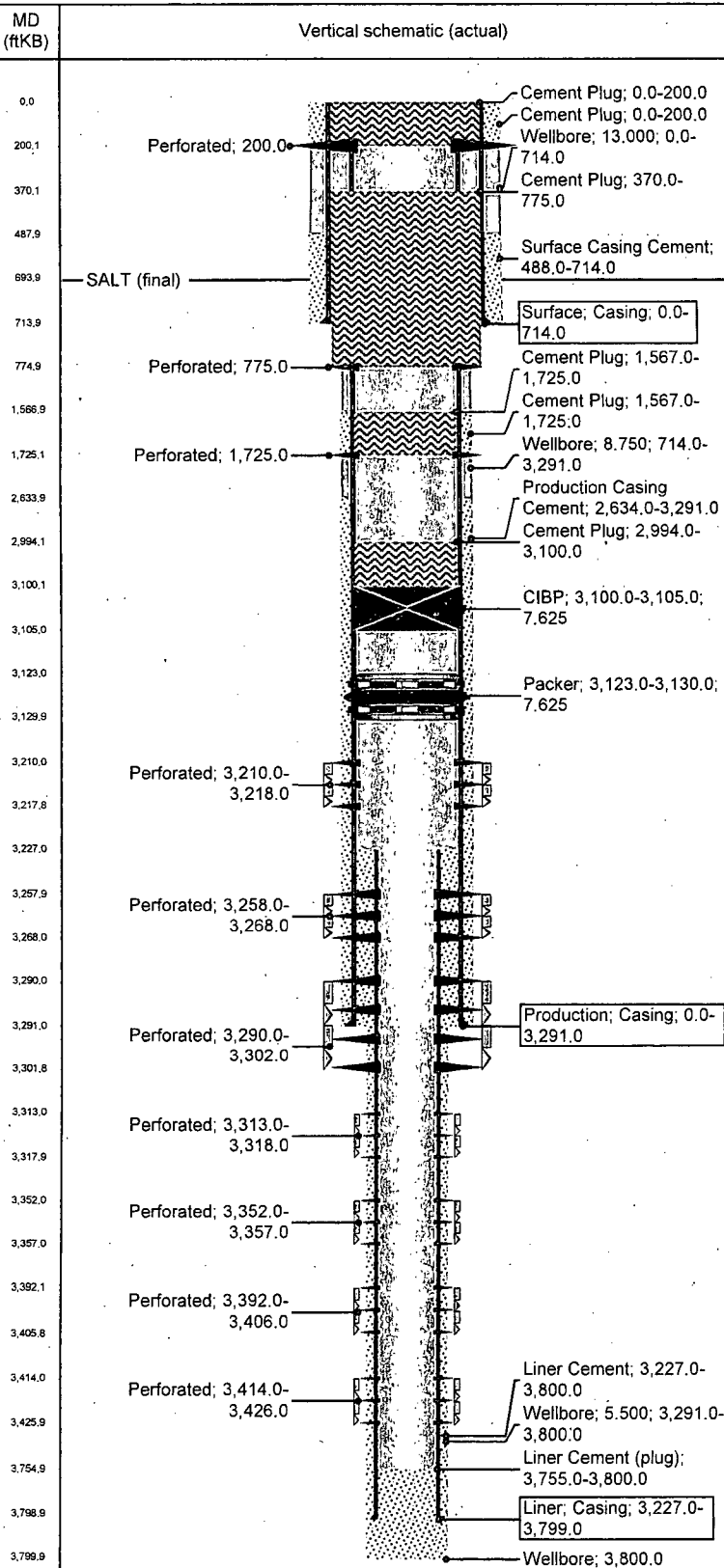
NM Schematic

Well Name: WEST H E B 3 INJ

API Well	Field Name	County	State/Province	Section	Township	Range	Survey	Block
3001505068	PBNM-EB-GRAYBURG WEST	Eddy	NM	4	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?
3,950.00			2/26/1946			32° 52' 8.137" N	103° 52' 36.953" W	Yes

Original Hole, 8/25/2016 11:24:39 AM

Original Hole Data



Wellbores						
North-South Distance (ft)		NS Flag	East-West Distance (ft)		EW Flag	
660.0		FNL	1,980.0		FWL	
Casing Strings						
Csg Des	Set Dept...	OD Nom...	ID Nom...	WVLen (l.)	String/Grade	Run Date
Surface	714.0	10 3/4	10.192	32.75	H-40	2/26/1946
Csg Des	Set Dept...	OD Nom...	ID Nom...	WVLen (l.)	String Grade	Run Date
Production	3,291.0	7 5/8	7.025	24.00	H-40	5/8/1946
Csg Des	Set Dept...	OD Nom...	ID Nom...	WVLen (l.)	String Grade	Run Date
Liner	3,799.0	4 1/2	4	11.60	J-55	8/14/1964
Cement Stages						
Description	Top (ftKB)	Btm (ftKB)	Eval Method	Comment		
Surface Casing Cement	488.0	714.0	Calculated	100 sx cmt. TOC @ 488' (calc). Assumes 1.32 cu ft/sx and 50% fillup.		
Description	Top (ftKB)	Btm (ftKB)	Eval Method	Comment		
Surface Casing Cement	0.0	200.0	Calculated	Perf & Sqz 200 sks cmt at 200'. Circ to surface. Top off well with 15 sks cmt.		
Description	Top (ftKB)	Btm (ftKB)	Eval Method	Comment		
Production Casing Cement	2,634.0	3,291.0	Calculated	100 sx cmt. TOC @ 2634' (calc). Assumes 1.32 cu ft/sx and 50% fillup.		
Description	Top (ftKB)	Btm (ftKB)	Eval Method	Comment		
Production Casing Cement	1,567.0	1,725.0	Calculated	Perf & Sqz 135 sks cmt at 1725'. Tag TOC at 1567'.		
Description	Top (ftKB)	Btm (ftKB)	Eval Method	Comment		
Liner Cement	3,227.0	3,800.0	Tag	Cement liner w/1455 sx cmt.		
Description	Top (ftKB)	Btm (ftKB)	Eval Method	Comment		
Cement Plug	2,994.0	3,100.0		Set 25 sks cmt on top of CIBP. Tag TOC at 2994'		
Description	Top (ftKB)	Btm (ftKB)	Eval Method	Comment		
Cement Plug	1,567.0	1,725.0		Perf & Sqz 135 sks cmt at 1725'. Tag TOC at 1567'.		
Description	Top (ftKB)	Btm (ftKB)	Eval Method	Comment		
Cement Plug	370.0	775.0		Perf & Sqz 80 sks cmt at 775'. Tag TOC at 370'.		
Description	Top (ftKB)	Btm (ftKB)	Eval Method	Comment		
Cement Plug	0.0	200.0		Perf & Sqz 200 sks cmt at 200'. Circ to surface. Top off well with 15 sks cmt.		

Tubing Strings

Tubing Description	Set Depth	Run Date	Pull Date
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Perforations

Top (ftKB)	Btm (ftKB)	Comment
200.0	200.0	
775.0	775.0	
1,725.0	1,725.0	
3,210.0	3,218.0	
3,258.0	3,268.0	
3,290.0	3,302.0	
3,313.0	3,318.0	
3,352.0	3,357.0	
3,392.0	3,406.0	
3,414.0	3,426.0	



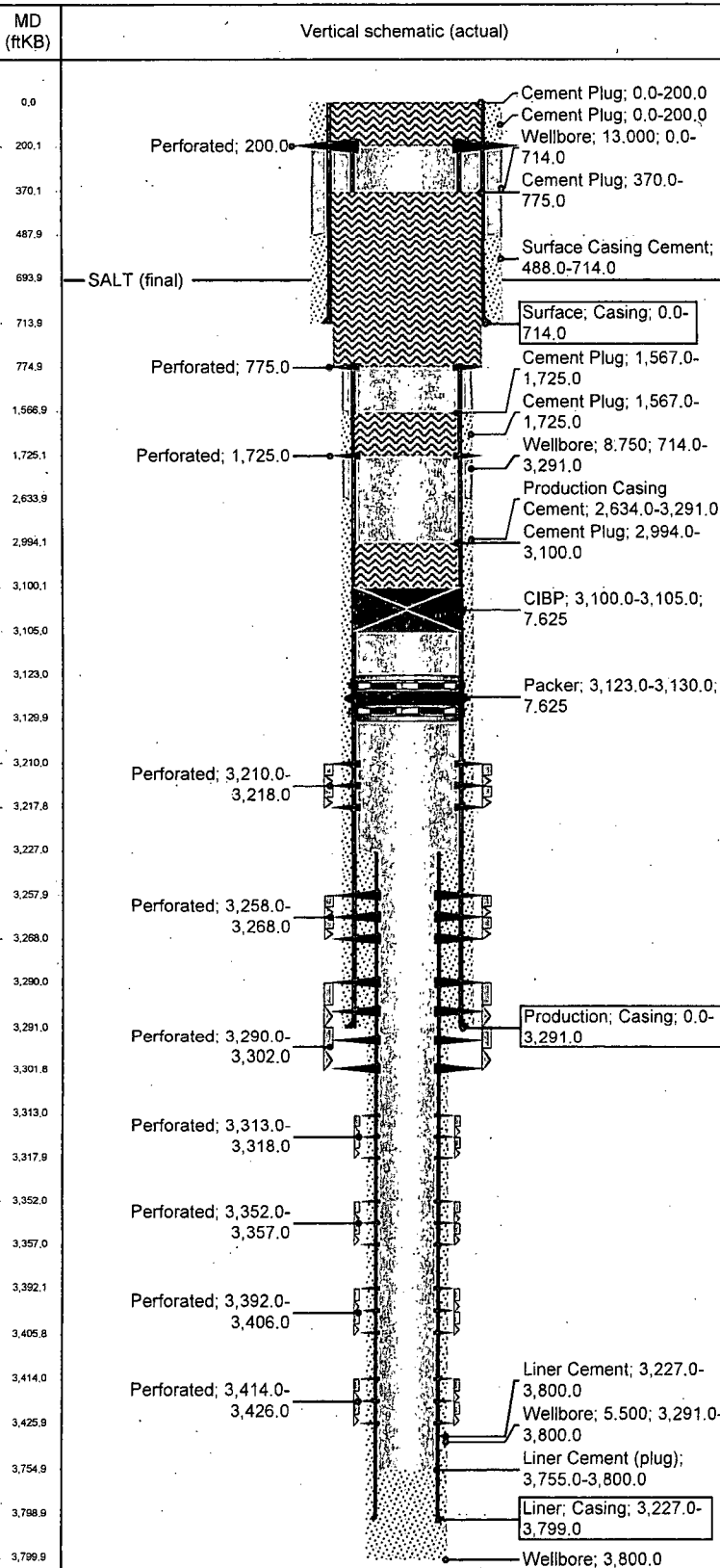
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Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,950.00			2/26/1946			32° 52' 8.137" N	103° 52' 36.953" W	Yes

Original Hole, 8/25/2016 11:24:40 AM

Original Hole Data



Des	Top (ftKB)	Blm (ftKB)	Run Date	Com
Packer	3,123.0	3,130.0		Unable to unset or shear pkr at 3125'. Cut off tbg at 3123'.
CIBP	3,100.0	3,105.0	8/9/2016	Set CIBP at 3100'. Cap with 25 sks cmt.

Formation	Final Top	Final Blm	Comment
SALT	694.0	1,675.0	