

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Hobbs

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.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

5. Lease Serial No.
NMNM0550543

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
NMNM100722

8. Well Name and No.
TOPAZ 19 F.C. 01

9. API Well No.
30-025-22564-00-S1

10. Field and Pool, or Exploratory
QUAIL RIDGE

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

1. Type of Well
 Oil Well Gas Well Other

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

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 19 T20S R34E SESW 660FSL 2083FWL

HOBBS OCD
OCT 27 2016
RECEIVED

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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Alter Casing
	<input type="checkbox"/> Fracture Treat
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Change Plans
	<input checked="" type="checkbox"/> Plug and Abandon
	<input type="checkbox"/> Convert to Injection
	<input type="checkbox"/> Plug Back
	<input type="checkbox"/> Production (S)
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Temporarily
	<input type="checkbox"/> Water Dispos

INT TO PA _____
P&A NR _____
P&A R Am. X

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 OPERATING INC. IS RESPECTFULLY SUBMITTING A FINAL PLUG AND ABANDONMENT REPORT FOR THE TOPAZ 19 FEDERAL COM #1 WELL IN LEA COUNTY, NM.

FINAL PLUGGING OPERATIONS WERE COMPLETED ON 09/28/2016. PLEASE SEE THE ATTACHED OPERATIONAL REPORT AND FINAL WELLBORE SCHEMATIC.

**RECLAMATION
DUE 3-28-17**

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 #353241 verified by the BLM Well Information System
For LINN OPERATING INCORPORATED, sent to the Hobbs
Committed to AFMSS for processing by PRISCILLA PEREZ on 10/03/2016 (15JA0136S)

Name (Printed/Typed) DEBRA GORDON Title REGULATORY MANAGER

Signature (Electronic Submission) Date 09/30/2016

Accepted for Record THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By: James A. Lewis Title: SAET Date: 10-18-16

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: CHO

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 **

FOR RECORD ONLY
MW/OCD 10/31/2016

FINAL PLUG AND ABANDONMENT FOR THE TOPAZ 19 FED COM #1 IN LEA COUNTY, NM

- 9/16/2016 MIRU.
- 9/19/2016 Unable to release packer. Got off the on/off tool. TOOH with tubing. Leave packer in hole.
- 9/20/2016 RIH with 5-1/2" CIBP to 13450' (per Pat McKelvey with BLM). Spot 25 sks cmt 13197'-13450'. Spot 25 sks cmt from 12458'-12711'. Spot 25 sks cmt from 11357'-11610'.
- 9/21/2016 Perf at 9778'. Unable to establish injection rate. Spot 30 sks cmt from 9568'-9828'. Tag TOC at 9568'. Spot 25 sks cmt from 8421-8674'. Perf at 5685'.
- 9/22/2016 Unable to establish injection rate. Spot 30 sks cmt from 5505'-5735'. Tag TOC at 5505'. Perf at 3249'. Squeeze 50 sks cmt at 3249'. Tag TOC at 3075'. Perf at 2110'. Squeeze 125 sks cmt at 2110'.
- 9/23/2016 Tag TOC at 1565'. Perf at 1228'. Squeeze 450 sks at 1228' to surface. WOC. Verify cement to surface.
- 9/28/2016 Dig out cellar, cut off wellhead (OCD ok), install underground P&A marker, backfill cellar, clean location.
- 9/28/2016 Wellhead cut off and below ground dry hole marker installed

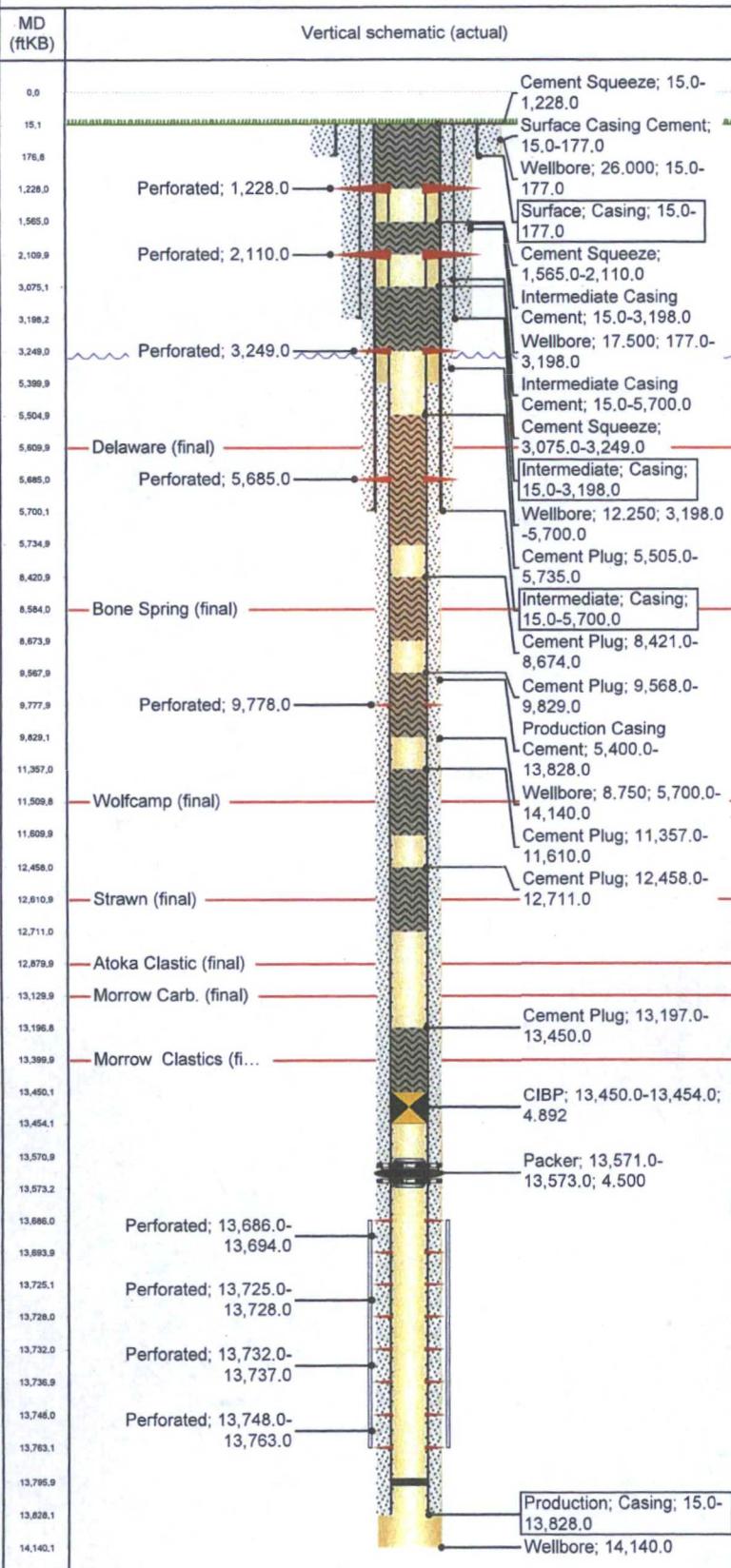
FINAL PLUG AND ABANDONMENT OPERATIONS COMPLETED 9/28/2016

Well Name: TOPAZ 19 FED COM 1

API/UWI 3002522564	Field Name PBNM - PB-MESCALERO	County Lea	State/Province NM	Section 19	Township 020-S	Range 034-E	Survey	Block
Ground Elevation (ft) 3,662.00	Orig KB Elev (ft) 3,677.00	KB-Grd (ft) 15.00	Initial Spud Date 5/6/1968	Rig Release Date	TD Date 1/5/1998	Latitude (") 32° 33' 11.602" N	Longitude (") 103° 36' 4.828" W	Operated? Yes

Original Hole, 9/29/2016 2:26:40 PM

Original Hole Data



Wellbores

North-South Distance (ft) 660.0	NS Flag FSL	East-West Distance (ft) 2,084.0	EW Flag FWL
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Casing Strings

Csg Des	Set Depth	OD Nom.	ID Nom.	WW/Len (l)	String Grade	Run Date
Surface	177.0	20	19.124	94.00	H-40	5/16/1968
Intermediate	3,198.0	13 3/8	12.715	48.00	H-40	5/25/1968
Intermediate	5,700.0	9 5/8	8.921	36.00	J-55	6/4/1968
Production	13,828.0	5 1/2	4.892	17.00	L-80	1/12/1998

Cement Stages

Description	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
Surface Casing Cement	15.0	177.0	Tag	Spot 450 sx cmt Circ to surface
Intermediate Casing Cement	15.0	3,198.0	Tag	Spot 2450 sx cmt Circ to surface
Intermediate Casing Cement	15.0	5,700.0	Tag	Spot 1675 sx cmt Circ to surface
Production Casing Cement	5,400.0	13,828.0	Calculated	Spot 2 stages w/ 940 sx Poz class H cmt TOC @ 5400' (calc)
Cement Plug	13,197.0	13,450.0		Comment Spot 25 sks cmt on top of CIBP, 13450'-13197'.
Cement Plug	12,458.0	12,711.0		Comment Spot 25 sks cmt 12711'-12458'.
Cement Plug	11,357.0	11,610.0		Comment Spot 25 sks cmt 11610'-11357'.
Cement Plug	9,568.0	9,829.0		Comment Perf at 9778'. Unable to establish injection rate. Spot 30 sks cmt at 9829'-9568' (TOC tagged).
Cement Plug	8,421.0	8,674.0		Comment Spot 25 sks cmt 8674'-8421'.
Cement Plug	5,505.0	5,735.0		Comment Perf at 5685'. Unable to establish injection rate. Spot 30 sks cmt at 5735'-5505' (TOC tagged).
Cement Plug	3,075.0	3,249.0		Comment Perf at 3249'. Sqz 50 sks cmt. Tag TOC at 3075'.
Cement Plug	1,565.0	2,110.0		Comment Perf at 2110'. Sqz 125 sks cmt. Tag TOC at 1565'.
Cement Plug	15.0	1,228.0		Comment Perf at 1228'. Sqz 450 sks cmt to surface.

Tubing Strings

Tubing Description	Set Depth	Run Date	Full Date
Tubing	13,573.0	2/4/2015	2/4/2015

Perforations

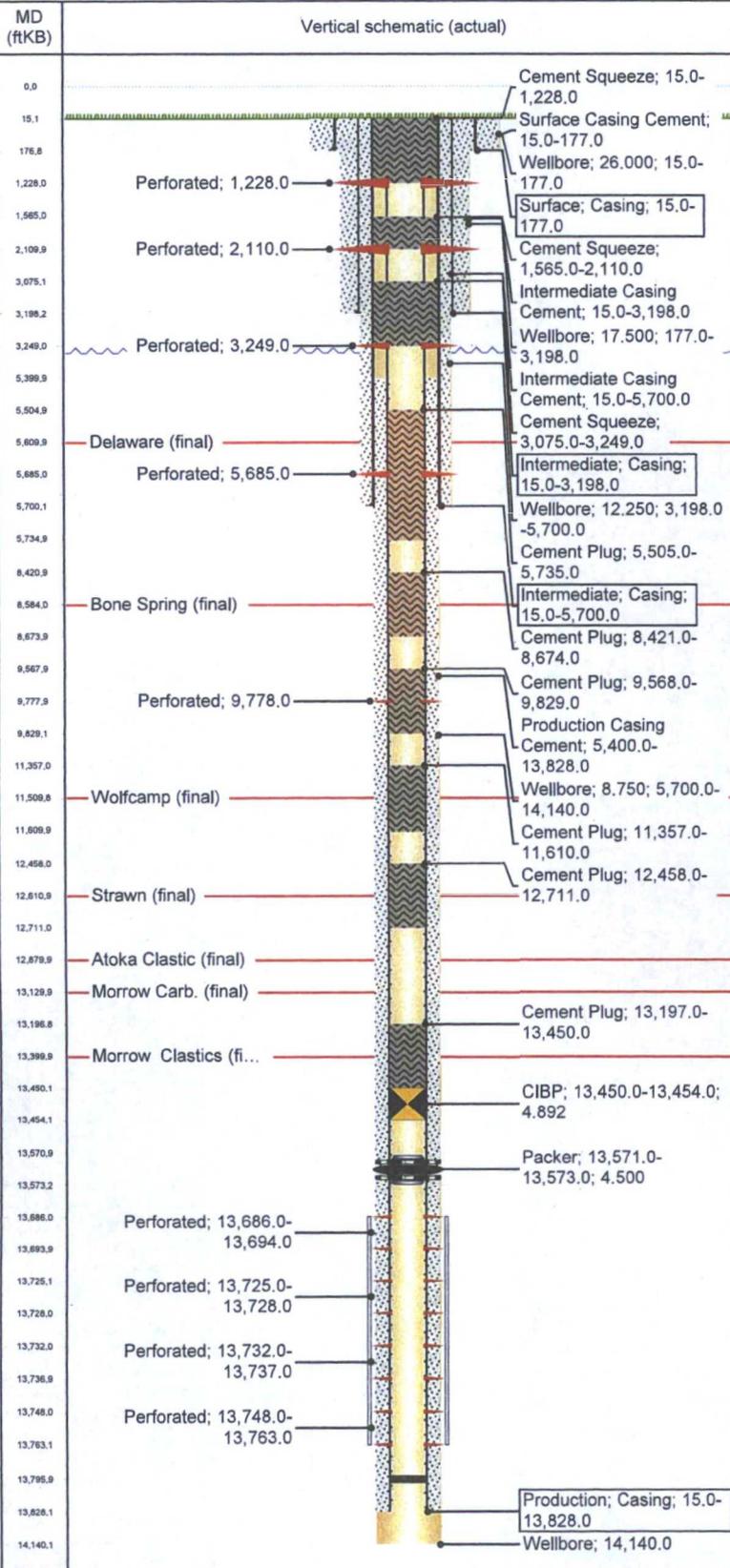
Top (ftKB)	Btm (ftKB)	Comment
1,228.0	1,228.0	
2,110.0	2,110.0	
3,249.0	3,249.0	

Well Name: TOPAZ 19 FED COM 1

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Original Hole, 9/29/2016 2:26:40 PM

Original Hole Data



Top (ftKB)	Btm (ftKB)	Comment
5,685.0	5,685.0	
9,778.0	9,778.0	
13,686.0	13,694.0	
13,725.0	13,728.0	
13,732.0	13,737.0	
13,748.0	13,763.0	

Other In Hole				
Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
Packer	13,571.0	13,573.0		Unable to pull packer 9/19/16. Get off the on/off tool and leave packer in hole.
Directional Sidetrack	12,200.0	14,140.0	12/3/1997	Roughly 25 degree inclination due North w/ 400' step out
CIBP	13,450.0	13,454.0	9/20/2016	Set CIBP at 13450'.

Formations			
Formation	Final Top...	Final Btm...	Comment
Delaware	5,610.0		
Bone Spring	8,584.0		
Wolfcamp	11,510.0		
Strawn	12,611.0		
Atoka Clastic	12,880.0		
Morrow Carb.	13,130.0		
Morrow Clastics	13,400.0		