Submit 1 Copy To Appropriate District Office
District I – (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

NM OIL CONSERVATION
ARTESIA DISTRICT
AUG 19 2015
RECEIVED

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
Revised July 18, 2013

WELL API NO.
30-015-25534

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☐ Gas Well ☒ Other INJECTION

7. Lease Name or Unit Agreement Name
BARCLAY STATE

8. Well Number 001

2. Name of Operator
LINN OPERATING, INC.

9. OGRID Number 269324

3. Address of Operator
600 TRAVIS, SUITE 5100, HOUSTON, TEXAS 77002

10. Pool name or Wildcat
LIVINGSTON RIDGE;DELAWARE,SOUTH

4. Well Location
Unit Letter I :1980 feet from the S line and 660 feet from the E line
Section 02 Township 23S Range 31E NMPM EDDY County

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*
3459' GL

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☒	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐	COMMENCE DRILLING OPNS.	☐	P AND A	☐
PULL OR ALTER CASING	☐	MULTIPLE COMPL	☐	CASING/CEMENT JOB	☐		
DOWNHOLE COMMINGLE	☐						
CLOSED-LOOP SYSTEM	☐						
OTHER:	☐			OTHER:	☐		

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

LINN proposes to permanently Plug and Abandon the Barclay State #1 as the subject well watered out and no future utilization is planned. Please see attached PA Procedure and Current and Proposed Well Bore Diagrams.

Spud Date: Rig Release Date:

Well Bore must be Plugged by 8/14/2016

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Laura A. Moreno TITLE REG COMPLIANCE ADVISOR DATE 08-11-2015

Type or print name LAURA A. MORENO E-mail address: lmoreno@linnenergy.com PHONE: 713-904-6657

For State Use Only

APPROVED BY: LRDade TITLE Dist. II Supervisor DATE 8/14/2015

Conditions of Approval (if any):

* See Attached COA's

Approved for plugging of well bore only. Liability under bond is retained pending receipt of C-103 (Subsequent Report of Well Plugging) which may be found at OCD Web Page under Forms, www.emnrd.state.nm.us/ocd.

Barclay State #001 (30-015-25534)

PA PROCEDURE

1. MIRU plugging unit
2. POOH w/ production equipment.
3. RIH w/ gauge ring to 6100'.
4. RIH w/ CIBP, set @ 6050'. Cap w/ 35' cmt.
5. Circulate well with mud laden fluid.
6. Perf and sqz w/ 50 sx cmt @ 4525'. WOC and tag.
7. Spot cmt plug @ 1950' w/ 25 sx.
8. Perf and sqz w/ 50 sx cmt @ 800'. WOC and tag.
9. Perf and sqz @ 200'. Cement to surface.
10. Cut off wellhead weld on P&A marker.

NM P&A Schematic

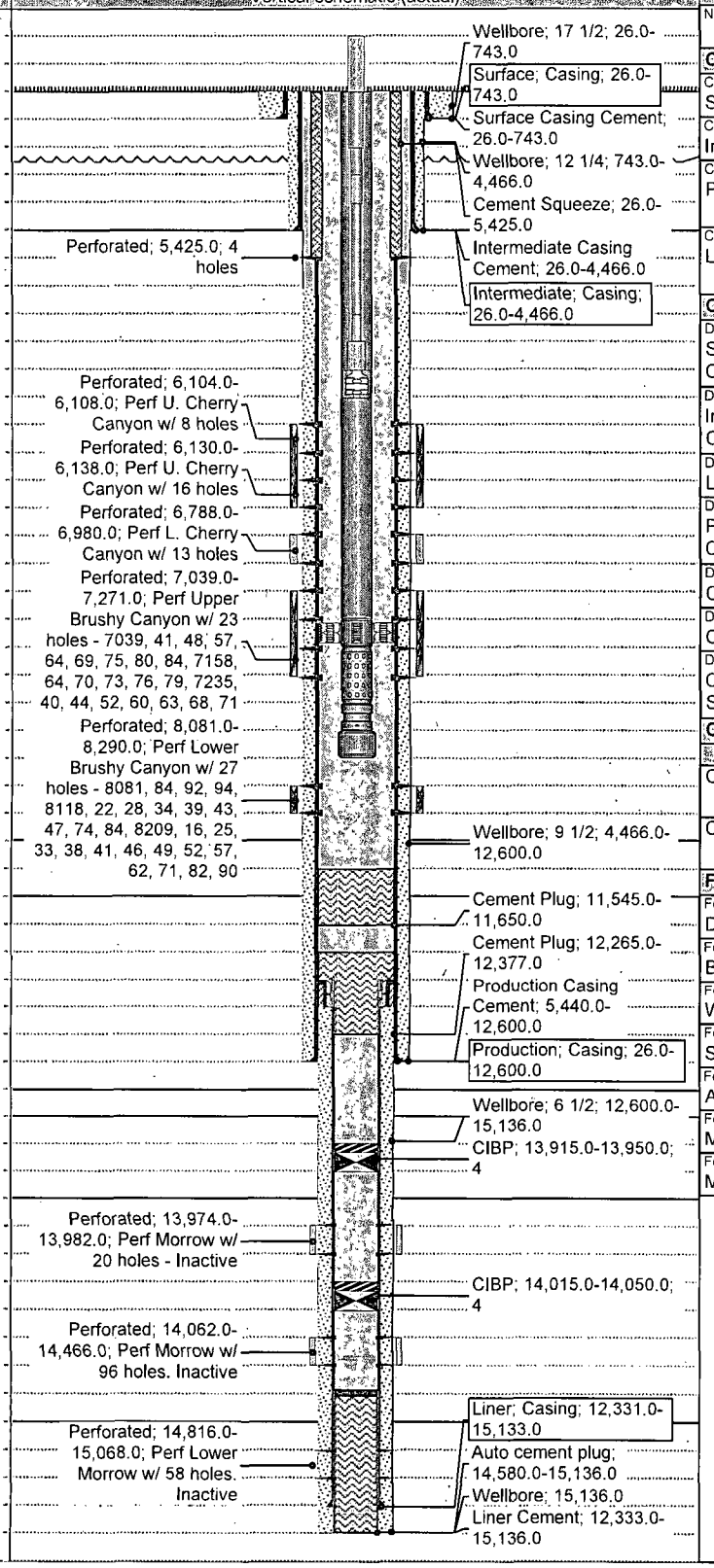
Well Name: BARCLAY STATE 01

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001525534	PBNM - PB-BARCLAY	Eddy	NM	2	023-S	031-E		

Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,459.00	3,485.00	26.00	1/25/1988			32° 19' 54.634" N	103° 44' 31.585" W	Yes

Original Hole, 8/10/2015 9:24:34 AM

MD (ftKB) | Vertical schematic (actual)



Original Hole Data

Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
1,980.0	FSL	660.0	FEL

Casing Strings

Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
Surface	743.0	13 3/8	12.615	54.50	J-55	
Intermediate	4,466.0	10 3/4	9.95	40.50	K-55	
Production	12,600.0	7 5/8	6.969	26.40	C-95	
Liner	15,133.0	4 1/2	3.9	13.04		

Cement Stages

Description	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
Surface Casing Cement	26.0	743.0		700 sxs cmt
Intermediate Casing Cement	26.0	4,466.0		1750 sxs cmt
Liner Cement	12,333.0	15,136.0		500 sx cmt
Production Casing Cement	5,440.0	12,600.0		2050 sx cmt
Cement Plug	11,545.0	11,650.0		50 sx cmt
Cement Plug	12,265.0	12,377.0		25 sx cmt
Cement Squeeze	26.0	5,425.0		

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
CIBP	14,015.0	14,050.0	4/10/1997	Capped w/ 35' cmt
CIBP	13,915.0	13,950.0	6/26/1997	Capped w/ 35' cmt

Formations

Formation	Final Top...	Final Btm...	Comment
Delaware Sand	4,466.0		
Bone Springs	8,325.0		
Wolfcamp	11,640.0		
Strawn	13,290.0		
Atoka	13,452.0		
Morrow	13,972.0		
M. Morrow	14,594.0		

NM P&A Schematic

Well Name: BARCLAY STATE 01

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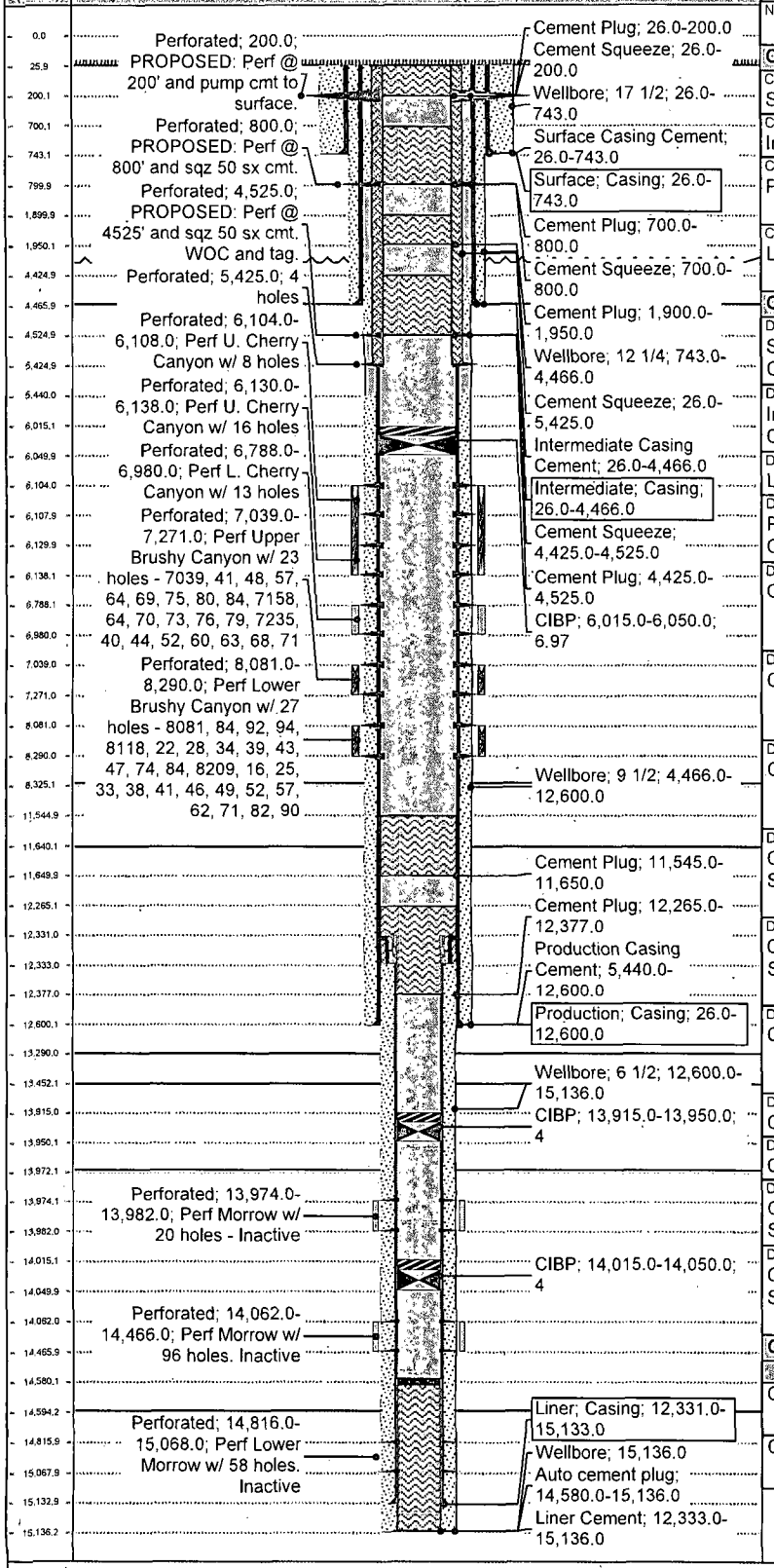

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Liner	15,133.0	4 1/2	3.9	13.04		

Cement Stages

Description	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
Surface Casing Cement	26.0	743.0	CIRC	700 sxs cmt
Intermediate Casing Cement	26.0	4,466.0	CIRC	1750 sxs cmt
Liner Cement	12,333.0	15,136.0	CIRC	500 sx cmt
Production Casing Cement	5,440.0	12,600.0	CBL	2050 sx cmt
Cement Plug	4,425.0	4,525.0	TAG	PROPOSED: Perf @ 4525' and sqz 50 sx cmt. WOC and tag.
Cement Plug	1,900.0	1,950.0	TAG	PROPOSED: Spot plug @ 1950' w/ 25 sx cmt. WOC and tag.
Cement Plug	26.0	200.0	VISUAL	PROPOSED: Perf @ 200' and pump cement to surface.
Cement Squeeze	26.0	200.0	CALC	PROPOSED: Perf @ 200' and pump cement to surface.
Cement Squeeze	700.0	800.0	CALC	PROPOSED: Perf @ 800' and sqz 50 sx cmt. WOC and tag.
Cement Plug	700.0	800.0	TAG	PROPOSED: Perf @ 800' and sqz 50 sx cmt. WOC and tag.
Cement Plug	11,545.0	11,650.0	TAG	50 sx cmt
Cement Plug	12,265.0	12,377.0	TAG	25 sx cmt
Cement Squeeze	26.0	5,425.0	CALC	PROPOSED: Perf @ 200' and pump cmt to surface.
Cement Squeeze	4,425.0	4,525.0	CALC	PROPOSED: Perf @ 4525' and sqz 50 sx cmt. WOC and tag.

Other In Hole

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NM P&A Schematic

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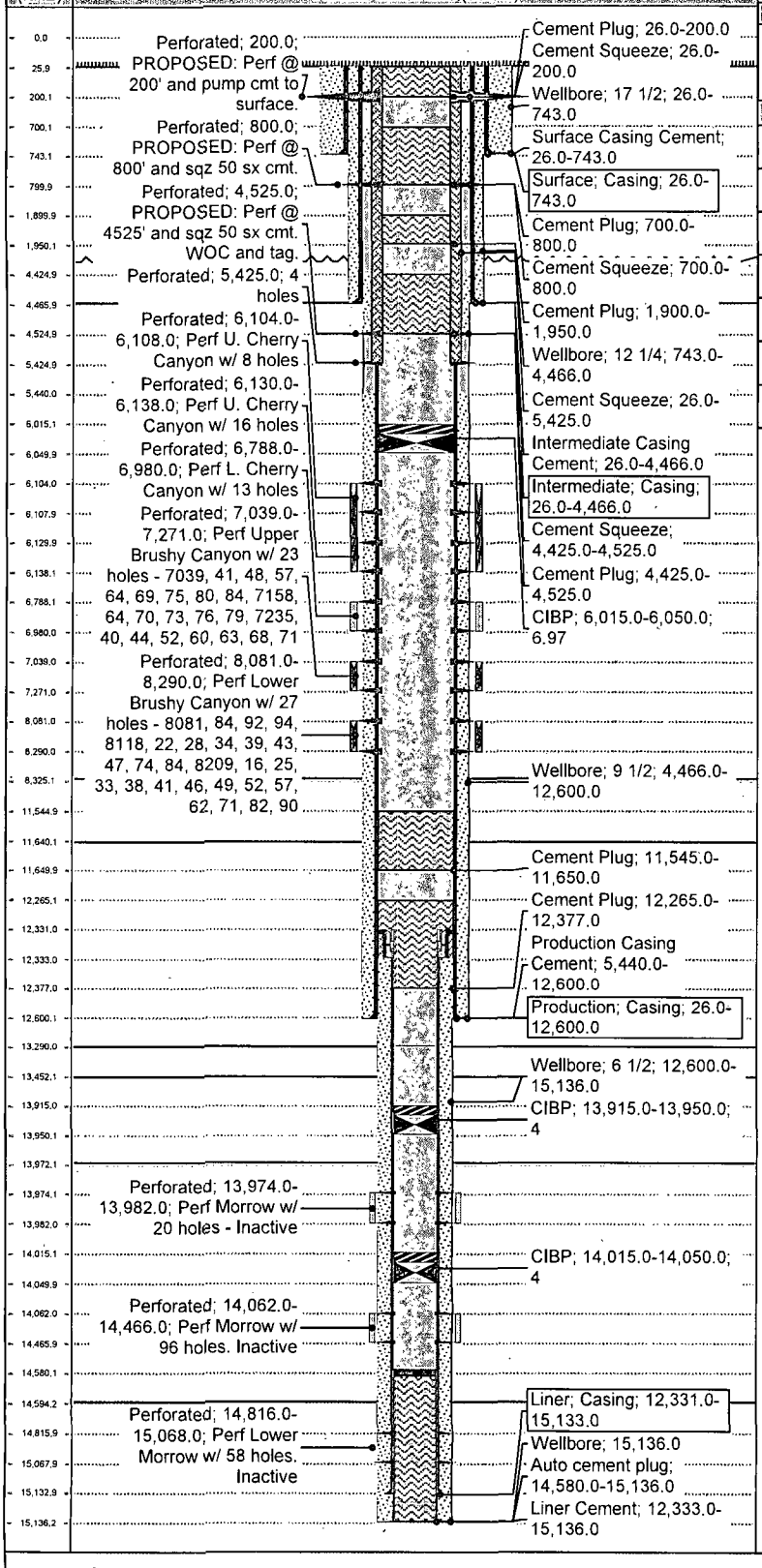

Original Hole Data

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
CIBP	6,015.0	6,050.0	8/10/2015	PROPOSED: RH w/ CIBP, set @ 6050'. Cap w/ 35' cmt.

Formations

Formation	Final Top...	Final Btm...	Comment
Delaware Sand	4,466.0		
Bone Springs	8,325.0		
Wolfcamp	11,640.0		
Strawn	13,290.0		
Atoka	13,452.0		
Morrow	13,972.0		
M. Morrow	14,594.0		

NEW MEXICO OIL CONSERVATION DIVISION
DISTRICT 2 OFFICE
811 S. FIRST STREET
ARTESIA, NM 88210
(575)748-1283

CONDITIONS OF APPROVAL FOR PLUGGING & ABANDONMENT

Operator: Linn Operating

Well Name & Number: Barclay State 1

API #: 30-015-25534

1. Produced water **will not** be used during any part of the plugging & abandonment operation.
2. Notify NMOCD Dist. 2 office at least 24 hrs before beginning work.
3. Closed Loop System is to be used for entire plugging operation. Upon completion, contents of steel pit are to be hauled to a permitted disposal location.
4. Trucking companies being used to haul oilfield waste fluids to a disposal – commercial or private – shall have an approved NMOCD C-133 permit. A copy of this permit shall be available in each truck used to haul waste products. It is the responsibility of the operator, as well as the contractor, to verify that this permit is place prior to performing work. Drivers shall produce a copy upon request of NMOCD Field Inspectors.
5. **A subsequent C-103 will serve as notification that the well bore has been plugged ONLY.** A C-103 FINAL shall be filed before any bonding can be released on the well. Upon receipt of the Final, an inspection will be performed to verify that the location has been satisfactorily cleaned to NMOCD standards.
6. If work has not begun within 90 days of the approval of this procedure, an extension request must be filed, stating reason that well has not been plugged.
7. Every attempt must be made to clean the well bore out to below the perfs, before any plugs can be set, by whatever means possible.
8. **Cement Retainers may not be used.**
9. **Squeeze pressures are not to exceed 500 PSI, unless approval is given by NMOCD.**
10. **Plugs may be combined after consulting with and getting approval from NMOCD.**
11. **Minimum WOC time for tag plugs will be 4 Hrs.**

RDD 8/14/15

GUIDELINES FOR PLUGGING AND ABANDONMENT

DISTRICT II / ARTESIA

- All cement plugs will be a minimum of 100' in length or a minimum of 25 sacks of cement, whichever is greater.
- Mud laden fluids must be placed between all cement plugs.
- Mud laden fluids must be mixed at 25 sacks of gel per 100 bbls of water.
- A cement plug is required to be set 50' below and 50' above all casing shoes and casing stub plugs. These plugs must be tagged.
- A CIBP with 35' of cement on top may be set in lieu of 100' cement plug.
- A plug as indicated above must be placed within 100' of top perforation. This plug must be tagged.
- Plugs set below and above salt zones must be tagged.
- No more than 2000' is to be allowed between cement plugs in open hole and no more than 3000' in cased hole.
- DV tools are required to have a 100' cement plug set 50' above and below the tool and must be tagged.

- Formations to be isolated with plugs placed at the top of each formation are:
    - Fusselman
    - Devonian
    - Morrow
    - Wolfcamp
    - Bone Spring
    - Delaware
    - Any Salt Section (Plug at top and bottom)
    - Abo
    - Glorieta
    - Yates (this plus is usually at base of salt section)

- If cement does not exist behind casing strings at recommended formation depths, the casing must be cut and pulled with plugs set at these depths or casing must be perforated and cement squeezed behind casing at the formation depths.
- In the R-111-P area (Potash Mine area) a solid cement plug must be set across the salt section. Fluid used to mix the cement shall be saturated with the salts common to the section penetrated and in suitable proportions, but not more than a 3% calcium chloride by weight of cement will be considered the desired mixture whenever possible (50' below and 50' above).