

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

Form C-103
Revised July 18, 2013

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

WELL API NO. 30-015-25534
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name BARCLAY STATE
8. Well Number 001
9. OGRID Number 269324
10. Pool name or Wildcat LIVINGSTON RIDGE, DELAWARE, SOUTH

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 SWD

2. Name of Operator
LINN OPERATING, INC.

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

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:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐
CLOSED-LOOP SYSTEM ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☒
CASING/CEMENT JOB ☐ 10-22-15

OTHER: ☐

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/oed

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.

Please see attached plugging procedure and final wellbore diagram for the Barclay State #001.

NM OIL CONSERVATION
ARTESIA DISTRICT

NOV 12 2015

RECEIVED

Spud Date:

Rig Release Date:

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 11-11-2015

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

For State Use Only

APPROVED BY: LLDade TITLE Dist II Supervisor DATE 11/18/2015

Conditions of Approval (if any):

Barclay State #001 (30-015-25534)

PA PROCEDURE

10/8/15: MIRU plugging equipment. POH W/rods and pump.

10/9/15: Dug out cellar. ND wellhead. NU BOP. POH w/5400' tbg. Tbg parted @ 5400'. Rig w/gauge ring to 5000'.

10/10/15: RIH w/tbg to 5400'. Spotted 60 sx cmt @ 5400-5106'. (Per Randy Dade w/OCD) WOC. No Tag. Re-spotted 60 sx cmt @ 5400-5106'. WOC.

10/13/15: Tagged plug @ 5160'. Circulated hole w/240 bbls of mud laden fluid. Pressured up on 7 5/8 casing to 500 psi. Perf'd casing @ 4575'. Pressured up on perfs. Spotted 40 sx cmt @ 4575-4379'. WOC. Tagged plug @ 4420'. Spotted 25 sx cmt @ 1950-1822'.

10/14/15: Perf'd csg @ 800'. Pressured up on perfs. Spotted 40 sx cmt @ 850-640'. WOC. Tagged plug @ 680'. Perf'd csg @ 200'. Pressured up on perfs. Spotted 55 sx cmt @ 250 to surface. Rigged down and moved off.

10/22/15: Moved in welder and backhoe. Dug out cellar. Cut off wellhead. Welded on "Ground Level Dry Hole Marker". Backfill cellar. Removed deadman. Cleaned location and moved off.



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 SOUTH	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, 10/26/2015 10:39:13 AM

Original Hole Data

MD (ftKB)	Vertical schematic (actual)	Wellbores
0.0		North-South Distance (ft) 1,980.0 NS Flag FSL East-West Distance (ft) 660.0 EW Flag FEL
25.9		Casing Strings
200.1	Perforated; 200.0-	Csg Des Surface Set Dept... 743.0 OD Nom... 13 3/8 ID Nom... 12.615 W/Len (ft) 54.50 String Grade J-55 Run Date
640.1		Csg Des Intermediate Set Dept... 4,466.0 OD Nom... 10 3/4 ID Nom... 9.95 W/Len (ft) 40.50 String Grade K-55 Run Date
743.1		Csg Des Production Set Dept... 12,600.0 OD Nom... 7 5/8 ID Nom... 6.969 W/Len (ft) 26.40 String Grade C-95 Run Date
799.9	Perforated; 800.0-	Csg Des Liner Set Dept... 15,133.0 OD Nom... 4 1/2 ID Nom... 3.9 W/Len (ft) 13.04 String Grade Run Date
850.1		Cement Stages
1,821.9		Description Surface Casing Cement Top (ftKB) 26.0 Btm (ftKB) 743.0 Eval Method CIRC Comment 700 sxs cmt
1,950.1		Description Intermediate Casing Cement Top (ftKB) 26.0 Btm (ftKB) 4,466.0 Eval Method CIRC Comment 1750 sxs cmt
4,419.9	Perforated; 4,575.0-	Description Liner Cement Top (ftKB) 12,333.0 Btm (ftKB) 15,136.0 Eval Method CIRC Comment 500 sx cmt
4,465.9	Perforated; 5,425.0; 4 holes	Description Production Casing Cement Top (ftKB) 5,440.0 Btm (ftKB) 12,600.0 Eval Method CBL Comment 2050 sx cmt
4,575.1	Perforated; 6,104.0-	Description Cement Plug Top (ftKB) 4,420.0 Btm (ftKB) 4,575.0 Eval Method TAG Comment Perf @ 4575' and spotted 40 sx cmt. WOC and tag.
5,160.1	6,108.0; Perf U. Cherry Canyon w/ 8 holes	Description Cement Plug Top (ftKB) 1,822.0 Btm (ftKB) 1,950.0 Eval Method TAG Comment Spot plug @ 1950' w/ 25 sx cmt.
5,399.9	Perforated; 6,130.0-	Description Cement Plug Top (ftKB) 26.0 Btm (ftKB) 200.0 Eval Method VISUAL Comment Perf @ 200' and spotted 55 sxs to surface.
5,424.9	6,138.0; Perf U. Cherry Canyon w/ 16 holes	Description Cement Plug Top (ftKB) 640.0 Btm (ftKB) 850.0 Eval Method TAG Comment Perf @ 800' and spotted 40 sxs cmt. WOC and tag.
5,440.0	Perforated; 6,788.0-	Description Cement Plug Top (ftKB) 5,160.0 Btm (ftKB) 5,400.0 Eval Method TAG Comment Spotted 60 sxs cmt @ 5400 - 5160' WOC & Tag at 5160'
5,104.0	6,980.0; Perf L. Cherry Canyon w/ 13 holes	Description Cement Plug Top (ftKB) 11,545.0 Btm (ftKB) 11,650.0 Eval Method TAG Comment 50 sx cmt
6,107.9	Perforated; 7,039.0-	Description Cement Plug Top (ftKB) 12,265.0 Btm (ftKB) 12,377.0 Eval Method TAG Comment 25 sx cmt
6,129.9	7,271.0; Perf Upper Brushy Canyon w/ 23 holes - 7039, 41, 48, 57, 64, 69, 75, 80, 84, 7158, 64, 70, 73, 76, 79, 7235, 40, 44, 52, 60, 63, 68, 71	Other In Hole
6,136.1	Perforated; 8,081.0-	Des Top (ftKB) Btm (ftKB) Run Date Com
6,788.1	8,290.0; Perf Lower Brushy Canyon w/ 27 holes - 8081, 84, 92, 94, 8118, 22, 28, 34, 39, 43, 47, 74, 84, 8209, 16, 25, 33, 38, 41, 46, 49, 52, 57, 62, 71, 82, 90	CIBP 14,015.0-14,050.0; 4
6,980.0		CIBP 13,915.0-13,950.0; 4
7,039.0		Fish 5,400.0 7,478.0 10/15/2015 Tubing parted @ 5400'
7,271.0		Formations
7,476.0		Formation Delaware Sand Final Top... 4,466.0 Final Btm... Comment
8,081.0		Formation Bone Springs Final Top... 8,325.0 Final Btm... Comment
8,290.0		Formation Wolfcamp Final Top... 11,640.0 Final Btm... Comment
8,325.1		Formation Strawn Final Top... 13,290.0 Final Btm... Comment
11,544.9		Formation Atoka Final Top... 13,452.0 Final Btm... Comment
11,640.1		
11,649.9		
12,265.1		
12,331.0		
12,333.0		
12,377.0		
12,600.1		
13,290.0		
13,452.1		
13,915.0		
13,950.1		
13,972.1		
13,974.1		
13,982.0		
14,015.1		
14,049.9		
14,062.0		
14,485.9		
14,580.1		
14,584.2		
14,815.9		
15,067.9		
15,132.9		
15,136.2		



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 SOUTH	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, 10/26/2015 10:39:14 AM

Original Hole Data

MD (ftKB)	Vertical schematic (actual)	Formations	Final Top...	Final Btm...	Comment
0.0		Cement Plug; 26.0-200.0			
25.9		Wellbore; 17 1/2; 26.0-743.0	13,972.0		
200.1	Perforated; 200.0	Surface Casing Cement; 26.0-743.0			
640.1		Surface; Casing; 26.0-743.0			
743.1					
798.8	Perforated; 800.0	Cement Plug; 640.0-850.0			
850.1		Cement Plug; 1,822.0-1,950.0			
1,821.9		Wellbore; 12 1/4; 743.0-4,466.0			
1,950.1	Perforated; 4,575.0	Intermediate Casing Cement; 26.0-4,466.0			
4,419.9	Perforated; 5,425.0; 4 holes	Intermediate; Casing; 26.0-4,466.0			
4,465.9		Cement Plug; 4,420.0-4,575.0			
4,575.1	Perforated; 6,104.0-6,108.0; Perf U. Cherry Canyon w/ 8 holes	Cement Plug; 5,160.0-5,400.0			
5,160.1	Perforated; 6,130.0-6,138.0; Perf U. Cherry Canyon w/ 16 holes				
5,399.9	Perforated; 6,788.0-6,980.0; Perf L. Cherry Canyon w/ 13 holes				
5,424.9	Perforated; 7,039.0-7,271.0; Perf Upper Brushy Canyon w/ 23 holes - 7039, 41, 48, 57, 64, 69, 75, 80, 84, 7158, 64, 70, 73, 76, 79, 7235, 40, 44, 52, 60, 63, 68, 71				
5,440.0	Perforated; 8,081.0-8,290.0; Perf Lower Brushy Canyon w/ 27 holes - 8081, 84, 92, 94, 8118, 22, 28, 34, 39, 43, 47, 74, 84, 8209, 16, 25, 33, 38, 41, 46, 49, 52, 57, 62, 71, 82, 90				
6,104.0					
6,107.9					
6,129.9					
6,138.1					
6,788.1					
6,980.0					
7,039.0					
7,271.0					
7,478.0					
8,081.0					
8,290.0					
8,325.1					
11,544.9					
11,540.1					
11,549.9					
12,255.1					
12,331.0					
12,333.0					
12,377.0					
12,600.1					
13,290.9					
13,452.1					
13,915.0					
13,950.1					
13,972.1					
13,974.1	Perforated; 13,974.0-13,982.0; Perf Morrow w/ 20 holes - Inactive				
13,982.0					
14,015.1					
14,049.9					
14,062.0	Perforated; 14,062.0-14,466.0; Perf Morrow w/ 96 holes. Inactive				
14,465.9					
14,580.1					
14,594.2	Perforated; 14,816.0-15,068.0; Perf Lower Morrow w/ 58 holes. Inactive				
14,815.9					
15,067.9					
15,132.9					
15,136.2					



NM P&A Schematic

Well Name: BARCLAY STATE 01

API/UWI 3001525534	Field Name PBNM - PB-BARCLAY SOUTH	County Eddy	State/Prov NM	Section 2	Township 023-S	Range 031-E	Survey	Block
Ground Elevation (ft) 3,459.00	Orig KB Elev (ft) 3,485.00	KB-Grd (ft) 26.00	Initial Spud Date 1/25/1988	Rig Release Date	TD Date	Latitude (°) 32° 19' 54.634" N	Longitude (°) 103° 44' 31.585" W	Operated? Yes

Original Hole, 10/26/2015 10:39:13 AM

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200.1	Perforated; 200.0-	Csg Des Surface Set Dept 743.0 OD Nom 13 3/8 ID Nom 12.615 W/Len (ft) 54.50 String Grade J-55 Run Date
640.1		Csg Des Intermediate Set Dept 4,466.0 OD Nom 10 3/4 ID Nom 9.95 W/Len (ft) 40.50 String Grade K-55 Run Date
743.1		Csg Des Production Set Dept 12,600.0 OD Nom 7 5/8 ID Nom 6.969 W/Len (ft) 26.40 String Grade C-95 Run Date
799.8	Perforated; 800.0-	Csg Des Liner Set Dept 15,133.0 OD Nom 4 1/2 ID Nom 3.9 W/Len (ft) 13.04 String Grade Run Date
850.1		Cement Stages
1,821.8		Description Surface Casing Cement Top (ftKB) 26.0 Btm (ftKB) 743.0 Eval Method CIRC Comment 700 sxs cmt
1,950.1		Description Intermediate Cement Top (ftKB) 26.0 Btm (ftKB) 4,466.0 Eval Method CIRC Comment 1750 sxs cmt
4,419.8	Perforated; 4,575.0-	Description Liner Cement Top (ftKB) 12,333.0 Btm (ftKB) 15,136.0 Eval Method CIRC Comment 500 sx cmt
4,465.8	Perforated; 4,525.0; 4 holes	Description Production Casing Cement Top (ftKB) 5,440.0 Btm (ftKB) 12,600.0 Eval Method CBL Comment 2050 sx cmt
4,575.1	Perforated; 6,104.0-	Description Cement Plug Top (ftKB) 4,420.0 Btm (ftKB) 4,575.0 Eval Method TAG Comment Perf @ 4575' and spotted 40 sx cmt. WOC and tag.
5,180.1	6,108.0; Perf U. Cherry Canyon w/ 8 holes	Description Cement Plug Top (ftKB) 1,822.0 Btm (ftKB) 1,950.0 Eval Method TAG Comment Spot plug @ 1950' w/ 25 sx cmt.
5,395.8	Perforated; 6,130.0-	Description Cement Plug Top (ftKB) 26.0 Btm (ftKB) 200.0 Eval Method VISUAL Comment Perf @ 200' and spotted 55 sxs to surface.
5,424.8	6,138.0; Perf U. Cherry Canyon w/ 16 holes	Description Cement Plug Top (ftKB) 640.0 Btm (ftKB) 850.0 Eval Method TAG Comment Perf @ 800' and spotted 40 sxs cmt. WOC and tag.
5,440.0	Perforated; 6,788.0-	Description Cement Plug Top (ftKB) 5,160.0 Btm (ftKB) 5,400.0 Eval Method TAG Comment Spotted 60 sxs cmt @ 5400 - 5160' WOC & Tag at 5160'
6,104.0	6,980.0; Perf L. Cherry Canyon w/ 13 holes	Description Cement Plug Top (ftKB) 11,545.0 Btm (ftKB) 11,650.0 Eval Method TAG Comment 50 sx cmt
6,107.8	Perforated; 7,039.0-	Description Cement Plug Top (ftKB) 12,265.0 Btm (ftKB) 12,377.0 Eval Method TAG Comment 25 sx cmt
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6,136.1	8,290.0; Perf Lower Brushy Canyon w/ 27 holes - 8081, 84, 92, 94, 8118, 22, 28, 34, 39, 43, 47, 74, 84, 8209, 16, 25, 33, 38, 41, 46, 49, 52, 57, 62, 71, 82, 90	Des Top (ftKB) Btm (ftKB) Run Date Com
6,788.1		CIBP 14,015.0-14,050.0; 4 Capped w/ 35' cmt
6,980.0		CIBP 13,915.0-13,950.0; 4 Capped w/ 35' cmt
7,039.0		Fish 5,400.0 7,478.0 10/15/2015 Tubing parted @ 5400'
7,271.0	Perforated; 8,081.0-	Formations
7,478.0	8,290.0; Perf Lower Brushy Canyon w/ 27 holes - 8081, 84, 92, 94, 8118, 22, 28, 34, 39, 43, 47, 74, 84, 8209, 16, 25, 33, 38, 41, 46, 49, 52, 57, 62, 71, 82, 90	Formation Delaware Sand Final Top 4,466.0 Final Btm Comment
8,081.0		Formation Bone Springs Final Top 8,325.0 Final Btm Comment
8,081.0		Formation Wolfcamp Final Top 11,640.0 Final Btm Comment
8,290.0		Formation Strawn Final Top 13,290.0 Final Btm Comment
8,325.1		Formation Atoka Final Top 13,452.0 Final Btm Comment
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12,333.0		
12,377.0		
12,600.1		
13,290.0		
13,452.1		
13,915.0		
13,950.1		
13,972.1		
13,974.1		
13,982.0	Perforated; 13,974.0-	
14,015.1	13,982.0; Perf Morrow w/ 20 holes - Inactive	
14,048.8		
14,062.0	Perforated; 14,062.0-	
14,465.8	14,466.0; Perf Morrow w/ 96 holes. Inactive	
14,580.1		
14,594.2		
14,815.8	Perforated; 14,815.0-	
15,067.8	15,068.0; Perf Lower Morrow w/ 58 holes. Inactive	
15,132.9		
15,136.2		



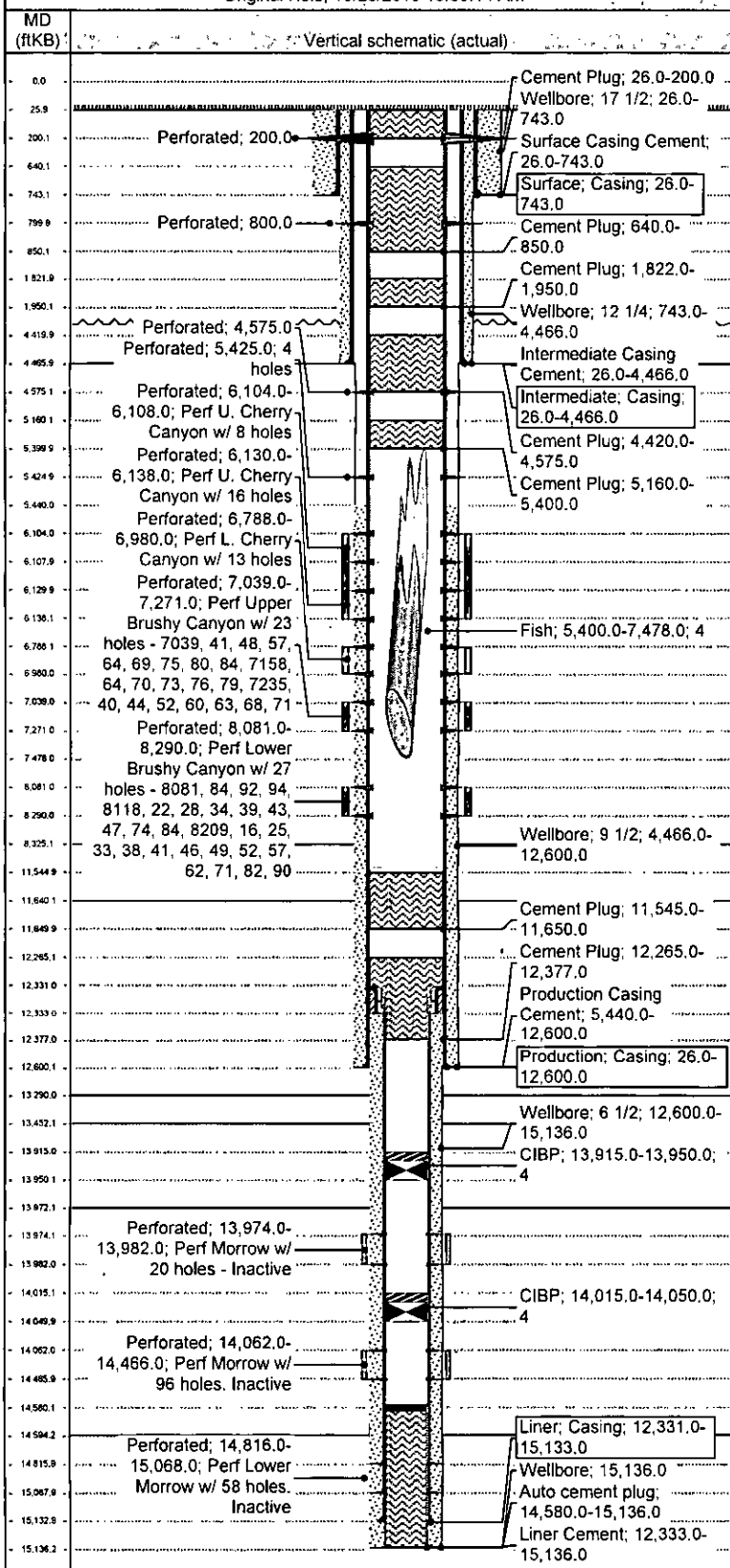
NM P&A Schematic

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Original Hole, 10/26/2015 10:39:14 AM

Original Hole Data



Formations	Final Top...	Final Btm...	Comment
Morrow	13,972.0	0	
M. Morrow	14,594.0	0	