

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. 30-025-42005
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name STATE 36
8. Well Number 102
9. OGRID Number 269324
10. Pool name or Wildcat VACUUM; GRAYBURG-SAN ANDRES

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 PROPOSALS.)	
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐	
2. Name of Operator LINN OPERATING, INC.	
3. Address of Operator 600 TRAVIS STREET, STE. 5100, HOUSTON, TX 77002	
4. Well Location Unit Letter O : 1205 feet from the S line and 2615 from the E line Section 36 Township 17S Range 33E LEA County	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4109' GR	

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 ☐ | |
| OTHER: NEW WELL COMPLETION REPORT ☒ | |

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 ATTACHMENT FOR NEW WELL COMPLETION OPERATIONS

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 Alex Bolanos TITLE ALEX BOLANOS DATE 11/25/14

Type or print name ALEX BOLANOS E-mail address: abolanos@linnenergy.com PHONE: 381-840-4352

For State Use Only

APPROVED BY: [Signature] TITLE Petroleum Engineer DATE 12/12/14

Conditions of Approval (if any):

DEC 15 2014

State 36 #102 (30-025-42005)
New Well Completion Report
LINN Operating, Inc.

10/17/14

RU to log well, RIH with RCBL/CCL, and GR tool to PBTD. PBTD @ 4,960'. Bond quality displayed adequate bond across desired intervals. TOC @ Surface.

10/21/14

NU and press test frac valve and prod csg. Press test bottom to 4,200# and top to 5000#. Both held successfully for 30-min.

10/23/14

MIRU for completion: **Stage 1 (San Andres)**, Perf 5 1/2 casing 3 JSPF @ 4,753' - 4,756', 4,737' - 4,740', 4,720 - 4,723', 4,705' - 4,708. Breakdown @ 4,069 psi, frac as design, ISIP 2,106 psi w/ .88 FG, 5 min 1,676 psi. 5 min FG .79, 10 min 1,409 psi. 15 min 1,217 psi with 43,207# 20/40 White Sand, 17,368# 20/40 SLC Sand. **Stage 2 (Grayburg)**: Set 5 1/2 Magnum CBP @ 4,619', press up on plug to 2,000 psi held good. Perf 5 1/2 casing 3 JSPF @ 4,559' - 4,562', 4,546' - 4,549', 4,484' - 4,487', 4,438' - 4,441'. breakdown @ 3,472 psi, ISIP 3,620 psi w/ FG 1.24, 5 min 2,911 psi. 5 min FG 1.08, 10 min 2,882 psi. 15 min 2,87 psi with 52,632# 20/40 White Sand, 18,394# 20/40 SLC Sand. Frac was completed using 3,289 bls of fresh water, used 95 bls of 15% HCL.

10/30/14

ND Frac valve, NU and test BOP to 1500 psi, good for 10 min, PU 130 Jts of 2 7/8" 6.5# J-55 tbg. Shut well in.

10/31/14

Break circ, drill CIBP, circ chem, PU additional tubing, Run 152 Jts of 2 7/8" 6.5# J-55 tbg, Set at 4,793.4', ND BOP, Set TAC. Build well head.

11/5/14

Turn well over to production.



NM Regulatory Schematic

Well Name: STATE 36 102

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
300254200500	PBNM - PB - CAPROCK MALJAMAR	Lea	NM	36	017-S	033-E		
Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
4,109.00	4,120.00	11.00	10/8/2014	10/15/2014	10/13/2014			Yes

Original Hole: 11/24/2014 4:40:05 PM

Original Hole Data

MD (ftKB)	Vertical schematic (actual)	Casing Strings
-0.7		Casing Description Surface
-0.3		Set Depth... 1,570.0
0.0		OD Nom... 8 5/8
5.2		ID Nom... 8.097
11.2		Wt/Len (L... 24.00
25.9		String Grade J-55
29.9		Run Date 10/9/2014
34.1		Casing Description Production
40.0		Set Depth... 5,007.0
47.9		OD Nom... 5 1/2
434.1		ID Nom... 4.892
1,526.6		Wt/Len (L... 17.00
1,527.2		String Grade J-55
1,568.6		Run Date 10/14/2014
1,568.9		4
1,571.9		Cement Stages
1,748.0		Des
2,172.9		Top (ftKB)
2,998.0		Btm (ftKB)
3,172.9		Com
3,195.2		Surface Casing Cement
3,456.7		11.0
4,109.9		1,570.0
4,132.5		Circulated 57 bbls/161
4,275.9		sks cement to surface
4,277.9		Production Casing Cement
4,343.2		11.0
4,346.1		5,007.0
4,380.0		Circulated 25 bbls/73
4,440.9		sks cement to surface
4,483.9		Tubing Strings
4,486.9		Des
4,545.9		Set Depth... 4,793.4
4,549.9		OD Nom... 5 1/2
4,559.1		ID Nom... 2.441
4,562.0		Wt (lb/ft) 6.50
4,588.1		String Grade J-55
4,639.1		Run Date 10/31/2014
4,648.0		Tubing Components
4,649.0		Item Description
4,673.9		Length (ft)
4,675.9		OD (in)
4,691.9		ID (in)
4,704.1		Wt (lb/ft)
4,705.1		Grade
4,705.1		Tubing
4,705.1		Length (ft)
4,705.1		OD (in)
4,705.1		ID (in)
4,705.1		Wt (lb/ft)
4,705.1		Grade
4,705.1		Tubing Pup Joint
4,705.1		Length (ft)
4,705.1		OD (in)
4,705.1		ID (in)
4,705.1		Wt (lb/ft)
4,705.1		Grade
4,705.1		D-2705G Cavins
4,705.1		Desander/Gas Anchor
4,705.1		Length (ft)
4,705.1		OD (in)
4,705.1		ID (in)
4,705.1		Wt (lb/ft)
4,705.1		Grade
4,705.1		Tubing
4,705.1		Length (ft)
4,705.1		OD (in)
4,705.1		ID (in)
4,705.1		Wt (lb/ft)
4,705.1		Grade
4,705.1		Bull Plug
4,705.1		Length (ft)
4,705.1		OD (in)
4,705.1		ID (in)
4,705.1		Wt (lb/ft)
4,705.1		Grade
4,705.1		Rod Strings
4,705.1		Rod Description
4,705.1		Set Depth (ft)
4,705.1		Wt (lb/ft)
4,705.1		String Grade
4,705.1		Run Date
4,705.1		Rod Components
4,705.1		Item Description
4,705.1		Length (ft)
4,705.1		OD (in)
4,705.1		Wt (lb/ft)
4,705.1		Grade
4,705.1		Polished Rod
4,705.1		Length (ft)
4,705.1		OD (in)
4,705.1		Wt (lb/ft)
4,705.1		Grade
4,705.1		Pony Rod
4,705.1		Length (ft)
4,705.1		OD (in)
4,705.1		Wt (lb/ft)
4,705.1		Grade
4,705.1		Pony Rod
4,705.1		Length (ft)
4,705.1		OD (in)
4,705.1		Wt (lb/ft)
4,705.1		Grade
4,705.1		Pony Rod
4,705.1		Length (ft)
4,705.1		OD (in)
4,705.1		Wt (lb/ft)
4,705.1		Grade
4,705.1		Pony Rod
4,705.1		Length (ft)
4,705.1		OD (in)
4,705.1		Wt (lb/ft)
4,705.1		Grade
4,705.1		Sucker Rod
4,705.1		Length (ft)
4,705.1		OD (in)
4,705.1		Wt (lb/ft)
4,705.1		Grade
4,705.1		Sucker Rod
4,705.1		Length (ft)
4,705.1		OD (in)
4,705.1		Wt (lb/ft)
4,705.1		Grade
4,705.1		Sucker Rod with 4 molded
4,705.1		guides per rod
4,705.1		Length (ft)
4,705.1		OD (in)
4,705.1		Wt (lb/ft)
4,705.1		Grade
4,705.1		Sucker Rod
4,705.1		Length (ft)
4,705.1		OD (in)
4,705.1		Wt (lb/ft)
4,705.1		Grade
4,705.1		Sucker Rod
4,705.1		Length (ft)
4,705.1		OD (in)
4,705.1		Wt (lb/ft)
4,705.1		Grade
4,705.1		Sinker Bar
4,705.1		Length (ft)
4,705.1		OD (in)
4,705.1		Wt (lb/ft)
4,705.1		Grade
4,705.1		On/Off Tool
4,705.1		Length (ft)
4,705.1		OD (in)
4,705.1		Wt (lb/ft)
4,705.1		Grade



NM Regulatory Schematic

Well Name: STATE 36 102

API/UWI 300254200500	Field Name PBNM - PB - CAPROCK MALJAMAR	County Lea	State/Prov NM	Section 36	Township 017-S	Range 033-E	Survey	Block
Ground Elevation (ft) 4,109.00	Orig KB Elev (ft) 4,120.00	KB-Grd (ft) 11.00	Initial Spud Date 10/8/2014	Rig Release Date 10/15/2014	TD Date 10/13/2014	Latitude (°)	Longitude (°)	Operated? Yes

