

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. 30-025-42004
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name PHILLIPS LEA
8. Well Number 105
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 SUCH 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 : 1065 feet from the S line and 2273 from the E line Section 31 Township 17S Range 34E LEA County	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4090' 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 11/24/14

Type or print name ALEX BOLANOS E-mail address: abolanos@linnenergy.com PHONE: 281-840-4352

For State Use Only

APPROVED BY:

[Signature]

TITLE

Petroleum Engineer

DATE

12/12/14

Conditions of Approval (if any):

DEC 15 2014

Phillips Lea #105 (30-025-42004)
New Well Completion Report
LINN Operating, Inc.

10/10/14

Rig up to log well, RIH with RCBL/CCL, and GR logging tool to PBTD. PBTD @ 4939'. Bond quality displayed adequate bond across desired intervals.

10/21/14

Nipple up and pressure test frac valve and production casing. Pressure tested bottom to 4,200# and top to 5000#. Both held pressure successfully for 30-min.

Move-in and Rig up for perf and frac stages 1-2. **Stage 1 (San Andres)**, Prime pumps and test lines to 5,000 psi, set PRV 4,200 psi. Perf 5 1/2 casing 3 JSPF @ 4,739' - 4,741', 4,727' - 4,729', 4,717' - 4,719', 4,706' - 4,708' = 8' = 24 holes. **Stage 1 (San Andres) Cont.:** SICP 58 psi, start down hole @ 16:40 PM, breakdown @ 3,717 psi, Sand storm clogged up, shut down briefly to fix down for 5 min. re-est. rate, pumped extra 50 bbls pad then pump to schedule, ISIP 2,293 psi w/ .92 FG, 5 min 1808 psi. 5 min FG .82, 10 min 1,390 psi. 15 min 1,164 psi. Shut well in and release to WL. @ 17:43 PM. Base vic. 6 Correlated plugs and perfs to Archer RCBL/GR ran on 10-10-14. 42,680# of 20/40 White Sand, 17,893# of 20/40 SLC Sand.

Stage 2 (Grayburg): Set 5 1/2 Magnum CBP @ 4,667', pressured up on plug to 2,000 psi held good for 5 mins bled off. Perf 5 1/2 casing 3 JSPF @ 4,635' - 4,637', 4,610' - 4,612', 4,574' - 4,576', 4,526' - 4,528', 4,508' - 4,510', 4,458' - 4,460' = 12' = 36 holes. **Stage 2 (Grayburg) Cont.:** SICP 59 psi, start down hole @ 18:49 PM, breakdown @ 3,585 psi, frac as design. ISIP 3,411 psi w/ FG 1.18, 5 min 2,688 psi. 5 min FG 1.03, 10 min 2,154 psi. 15 min 1,861 psi. Shut well in @ 19:56 PM RDMO and release all equipment. 125,619# of 20/40 White Sand, 30,442# of 20/40 SLC Sand. Total Frac used 3,381 bls of fresh water, used 96 bls of 15% HCL

10/27/14

ND Frac valve, NU and test BOP, PU tbg 138 Jts of 2 7/8" 6.5# J-55, drill CIBP #1, tag PBTD, circ. chem. TOOH

10/28/14

TIH, TOOH, run production tubing. ND BOP, set TAC, run pump and rods, pressure test, RDMO. * Total tubing Jts shown on attached WBD. Tubing set at 4,858'. Rod set at 4,769'.

10/30/14

Set pumping unit, layed flow line, hooked up electricity.

11/4/14

MIRU, Re-space well, hang well on production, RDMO



NM Regulatory Schematic

Well Name: PHILLIPS LEA 105

API/UWI 300254200400	Field Name PBNM - PB - CAPROCK MALJAMAR	County Lea	State/Prov NM	Section 31	Township 017-S	Range 034-E	Survey	Block
Ground Elevation (ft) 4,090.00	Orig KB Elev (ft) 4,101.00	KB-Grd (ft) 11.00	Initial Spud Date 9/24/2014	Rig Release Date 10/1/2014	TD Date 9/29/2014	Latitude (")	Longitude (")	Operated? Yes

Original Hole, 11/24/2014 4:19:38 PM

Original Hole Data

MD (ftKB)	Vertical schematic (actual)	Casing Strings
-16.1		Casing Description Set Depth... OD Nom... ID Nom... Wt/Len (l... String Grade Run Date
-0.3		Surface 1,607.0 8 5/8 8.097 24.00 J-55 9/26/2014
1.3		Casing Description Set Depth... OD Nom... ID Nom... Wt/Len (l... String Grade Run Date
5.2		Production 5,000.0 5 1/2 4.89 17.00 J-55 9/30/2014
9.8		Cement Stages
11.2		Des Top (ftKB) Btm (ftKB) Com
12.1		Surface Casing Cement 11.0 1,607.0 Circulated 80 bbls/227
20.0		Production Casing Cement 11.0 5,000.0 Circulated 55 bbls/161
871.7		Tubing Strings
1,561.7		Des Set Depth... OD Nom... ID Nom... Wt (lb/ft) String Grade Run Date
1,563.3		Tubing - 4,857.9 5 1/2 2.441 6.50 J-55 10/28/2014
1,605.6		Production
1,607.0		Tubing Components
1,609.9		Item Description Length (ft) OD (in) ID (in) Wt (lb/ft) Grade
1,845.1		Tubing 4,297.2 2 7/8 2.441 6.50 J-55
3,304.1		Item Description Length (ft) OD (in) ID (in) Wt (lb/ft) Grade
3,326.8		Tubing Pup Joint 2.00 2 7/8 2.441 6.50 J-55
3,882.4		Item Description Length (ft) OD (in) ID (in) Wt (lb/ft) Grade
3,915.0		Tubing 65.13 2 7/8 2.441 6.50 J-55
4,308.1		Item Description Length (ft) OD (in) ID (in) Wt (lb/ft) Grade
4,310.4		Anchor/catcher 2.87 5 1/2 2.441
4,375.3		Item Description Length (ft) OD (in) ID (in) Wt (lb/ft) Grade
4,378.3		Tubing 325.37 2 7/8 2.441 6.50 J-55
4,458.0	4,458.0-4,460.0	Item Description Length (ft) OD (in) ID (in) Wt (lb/ft) Grade
4,460.0		Tubing 65.15 2 7/8 2.441 6.50 TK-99
4,507.9	4,508.0-4,510.0	Item Description Length (ft) OD (in) ID (in) Wt (lb/ft) Grade
4,509.8		Pump Seating Nipple 1.10 2 7/8
4,520.0	4,526.0-4,528.0	Item Description Length (ft) OD (in) ID (in) Wt (lb/ft) Grade
4,525.9		Tubing Pup Joint 3.00 2 7/8 2.441 6.50 J-55
4,527.9	4,574.0-4,576.0	Item Description Length (ft) OD (in) ID (in) Wt (lb/ft) Grade
4,574.1		D-2705G Cavins 19.00 2 7/8
4,576.1		Desander/Gas Anchor
4,609.9	4,610.0-4,612.0	Item Description Length (ft) OD (in) ID (in) Wt (lb/ft) Grade
4,611.9		Tubing 65.19 2 7/8 2.441 6.50 J-55
4,634.8	4,635.0-4,637.0	Item Description Length (ft) OD (in) ID (in) Wt (lb/ft) Grade
4,637.1		Bull Plug 0.90 2 7/8
4,669.9		Rod Strings
4,703.7		Rod Description Set Depth... OD Nom... Wt (lb/ft) String Grade Run Date
4,706.0	4,706.0-4,708.0	Rod 4,769.0 2 1.63 D 10/28/2014
4,708.0		Rod Components
4,716.9	4,717.0-4,719.0	Item Description Length (ft) OD (in) Wt (lb/ft) Grade
4,718.2		Polished Rod 26.00 1 1/2 6.01 Spraymetal
4,720.1		Item Description Length (ft) OD (in) Wt (lb/ft) Grade
4,721.1		Pony Rod 2.00 7/8 2.22 KD-63
4,727.0	4,727.0-4,729.0	Item Description Length (ft) OD (in) Wt (lb/ft) Grade
4,729.0		Pony Rod 8.00 7/8 2.22 KD-63
4,738.8	4,739.0-4,741.0	Item Description Length (ft) OD (in) Wt (lb/ft) Grade
4,741.1		Sucker Rod 1,825.00 7/8 2.22 KD-63
4,746.1		Item Description Length (ft) OD (in) Wt (lb/ft) Grade
4,748.0		Sucker Rod 2,675.00 3/4 1.63 D
4,768.0		Item Description Length (ft) OD (in) Wt (lb/ft) Grade
4,768.7		Sucker Rod 150.00 1 2.90 D
4,769.0		Item Description Length (ft) OD (in) Wt (lb/ft) Grade
4,769.7		Sinker Bar 50.00 1 1/2 6.01
4,773.0		Item Description Length (ft) OD (in) Wt (lb/ft) Grade
4,791.7		On/Off Tool 1.00 2
4,857.0		Item Description Length (ft) OD (in) Wt (lb/ft) Grade
4,857.9		Sinker Bar 25.00 1 1/2 6.01 C
4,953.4		Item Description Length (ft) OD (in) Wt (lb/ft) Grade
4,954.7		4' x 7/8" stabilizer sub 2.00 7/8
4,984.4		Item Description Length (ft) OD (in) Wt (lb/ft) Grade
5,000.0		2 1/2" x 1 3/4" x 30' RHBC - 4 20.00 1 3/4
5,003.0		PC ring
		Item Description Length (ft) OD (in) Wt (lb/ft) Grade
		1 1/4" x 12" strainer nipple 1.00 1