

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

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.)		WELL API NO. 30-025-23345 ✓
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator LINN OPERATING, INC. ✓		6. State Oil & Gas Lease No.
3. Address of Operator 600 TRAVIS STREET, STE. 5100 HOUSTON, TX 77002		7. Lease Name or Unit Agreement Name PHILLIPS LEA ✓
4. Well Location Unit Letter <u>K</u> : <u>2310</u> feet from the <u>SOUTH</u> line and <u>2310</u> feet from the <u>WEST</u> line Section <u>31</u> Township <u>17S</u> Range <u>34E</u> NMPM LEA County		8. Well Number 006 ✓
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4091' GR		9. OGRID Number 269324
		10. Pool name or Wildcat Vacuum; Grayburg-San Andres

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 ☐
UPHOLE RECOMPLETION ☐
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.

PLEASE FIND ENCLOSED A RECOMPLETION WORK SUMMARY FOR THE ABOVE MENTIONED WELL ALONG WITH A CURRENT WELLBORE DIAGRAM.

CONDITIONS OF APPROVAL
SUBMIT: HYDRAULIC FRACTURING
FLUID DISCLOSURE

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 Regulatory Compliance Specialist II DATE 3/30/15

Type or print name Alex Bolanos E-mail address: abolanos@linenergy.com PHONE: 281-840-4352

For State Use Only

APPROVED BY: Mary Brown TITLE Dist Supervisor DATE 4/6/2015

Conditions of Approval (if any)

APR 08 2015

Phillips Lea #006
API: 30-025-23345 -LEA COUNTY, NM
RECOMPLETION REPORT
ATTACHMENT TO FORM C-103

10/21/14

MIRU pulling unit. TOOH w/ tubing, pump, and rods.

10/22/14

MIRU Rotary wireline, TIH w/ gauge ring, tagged PBTD @ 4816'. RD wireline. RU testers to test tubing w/ Pkr and RBP. TIH hit tight spot @ 3209'. Took 10 pts to pull free. Lay down tubing and out with Pkr and RBP. TIH w/ tubing Derrick testing moved in and layed down all tubing, and hydro tested tubing to 6000#, tested good and laid down. RD tubing tester. Close down well and shut in.

10/23/14

Run gauge ring and set @ 4636'. RIH to set CIBP @ 4611', spot 1sx of cmt on top of CIBP. RD Wireline and TOH w/ tubing. Circ 70 bbls of KCL, TOH w tubing. RI Wireline w/ Casing inspection tool. LD Casing inspection tool, SION.

10/24/15

RU wireline. RIH, log well. RDMO wireline. RDMO pulling unit. Shut well in.

10/29/14

MIRU Schlumberger perf crew, perforated Grayburg 4,579' - 4,582', 4,556' - 4,558', 4,518' - 4,520'. 4,479' - 4,481', 4,439' - 4,441', 4,402' - 4,404'. All guns were shot 2 SPF. Shut well in.

11/3/14

PU & RIH w / 5 1/2 " 20-23# ASIX, 7K treating Pkr. Tally rest of tubing, w/ 135 jt, 9.2 # tbg. Set Prk @ 4362', w/ 25 pts tension and RDPUMO.

11/4/14

Stage 1 Grayburg frac: MIRU Perfed 5 ½ casing 3 SPF @ 4,579' - 4,582', 4,556' - 4,558', 4,518' - 4,520'. 4,479' - 4,481', 4,439' - 4,441', 4,402' - 4,404' = 13', 39 holes. Packer set @ 4362' Prime pumps and test lines to 5000 psi, set PRV @3800 psi. Pump pressured up to 5000 psi on backside, held good. SICP 52 psi, break down @ 3858 psi, riding max pressure after acid hit @ 17 bps @3800 psi. Decision was made to raise max pressure to 4200 psi, dropped get to 10# system, started sand @ .25 ppg then up to .25 ppg in increments, until 1 ppg hit formation, then walked up to .5 ppg increments to 2.5 ppg, kicked on FR pump and raised gel to 12# system. Cut sand early due to pressure increase. ISIP 2321 psi w/ .95 FG, 5 min 2176 psi, 10 min 2070 psi, 15 min 1974 shut well in. RDMO. 8 BLTR, 1502 bbls FW, 44,470 20/40 white, and 11,579 20/40 SLC.

11/5/14

RU flowline to flow back well, open up well, no fluid, just gas, bleed down gas. Shut well in.

11/6/14

Found well with 260# on casing, bleed down casing, release packer and LD 3 ½ tbg, camge rams out and get ready to PU tbg & collars, shut well in.

11/7/14

Found well with 120# on casing. RIH w/ 4-1/2" bit on tubing. Tagged up @ 4560'. RU swivel, break circulation. Start drilling, clean out 50' of sand and start drilling 5' of cement on CIBP. Lost circulation. Pulled up hole 1 jt, secure well and shut in.

11/10/14

Break circulation, tubing plugged, pull wet string, bottom 2 drill collars plugged. Lay down 2 drill collars. RIH w/ drill collars and tubing. MU stripper head and PU swivel. Break circulation. Pump 240 bbls, did not break circulation. Start dry drilling, drill to CIBP, push to 4816'. Change over to 2-3/8" and pull 8 stands to get above perfs. Shut well in.

11/11/14

Found well with 300# on tubing, 350# on casing. POOH w/ tbg and drill collars. TIH w/ 133 jts of prod tubing, ND BOP. Set TAC @ 4394' w/ 12 pts tension, NUWH. RIH w/ Pump & Rods, Shut well in.

11/12/14

Continue RIH w/ rods. Space out rods. Load and test well to 500#, tested good. RDMO pulling unit. Well online.



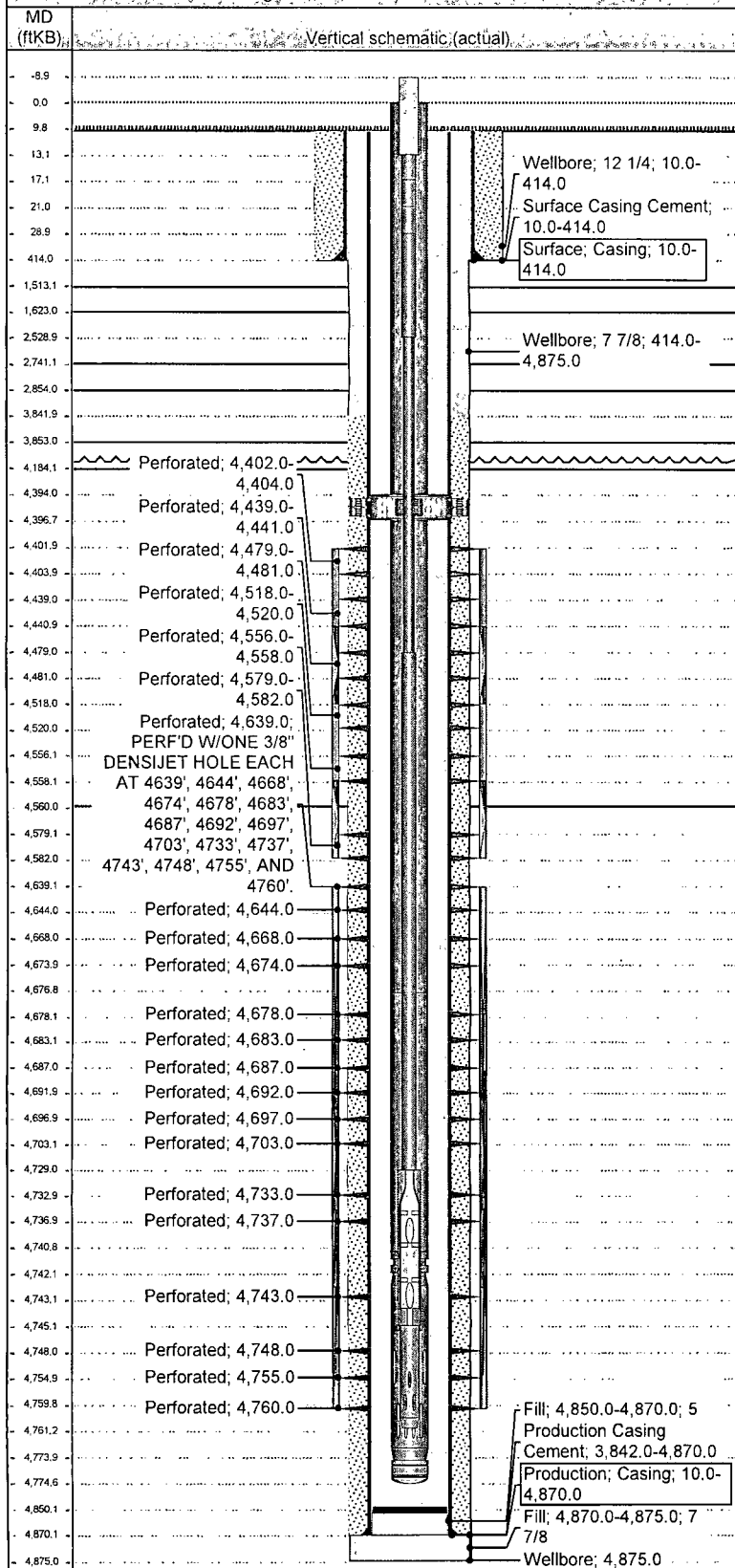
NM Regulatory Schematic_PROD

Well Name: PHILLIPS LEA 6

API/UWI 3002523345	Field Name PBNM - PB - CAPROCK MALJAMAR	County Lea	State/Prov NM	Section 31	Township 017-S	Range 034-E	Survey	Block
Ground Elevation (ft) 4,091.00	Orig KB Elev (ft) 4,101.00	KB-Grd (ft) 10.00	Initial Spud Date 12/12/1969	Rig Release Date	TD Date 12/21/1969	Latitude (°) 32° 47' 24.828" N	Longitude (°) 103° 36' 0.18" W	Operated? Yes

Original Hole, 3/6/2015 1:42:20 PM

Original Hole Data



Wellbores

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
2,310.0	FSL	2,310.0	FWL

Casing Strings

Csg Des	Set Depth	OD Nom	ID Nom	Wt/Len (L)	String Grade	Run Date
Surface	414.0	8 5/8		20.00		12/13/1969
Csg Des	Set Depth	OD Nom	ID Nom	Wt/Len (L)	String Grade	Run Date
Production	4,870.0	5 1/2		22.54		12/22/1969

Cement Stages

Description	Top (ftKB)	Btm (ftKB)	Eval Method	Comment
Surface Casing Cement	10.0	414.0	Tag	CEMENTED W/150 SX REG CEMENT W/2% GEL AND 150 SX REG CEMENT W/2% CC. CEMENT CIRC'D.
Production Casing Cement	3,842.0	4,870.0	Calculated	CEMENTED W/125 SX INCOR W/4% GEL AND 100 SX OF INCOR. TOC CALCULATED USING 1.06 CF/SK YIELD AND 75% EFFICIENCY.

Tubing Strings

Tubing Description	Set Depth	Run Date	Pull Date
Tubing	4,700.0	4/26/2013	11/12/2014
Tubing Description	Set Depth	Run Date	Pull Date
Tubing - Production	4,774.7	12/18/2014	

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Com
Fill	4,870.0	4,875.0		
Fill	4,850.0	4,870.0		

Formations

Formation	Final Top	Final Btm	Comment
ANHY	1,513.0		
SALT	1,623.0	2,741.0	
Formation	Final Top	Final Btm	Comment
YATES	2,854.0		
Formation	Final Top	Final Btm	Comment
QUEEN	3,853.0		
Formation	Final Top	Final Btm	Comment
GRAYBURG	4,184.0		
Formation	Final Top	Final Btm	Comment
SAN ANDRES	4,560.0		