

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
October 13, 2009

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

HOBBS OCD

APR 08 2013

WELL API NO. /
30-025-07954

5. Indicate Type of Lease
STATE ☐ FEE ☒ FED

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

EAST HOBBS SAN ANDRES UNIT /

8. Well Number: 109 /

9. OGRID Number 269324 /

10. Pool name or Wildcat
HOBBS;SAN ANDRES,EAST

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** /

2. Name of Operator
LINN OPERATING, INC.

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

4. Well Location

Unit Letter H; 1983 feet from the N line and 661 feet from the E line
Section 30 Township 18S Range 39E NMPM LEA County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3,612' 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 ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: **FAILED BHT - HIGH INJ PRESSURE** ☒

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.

Prep to check well and reduce injection pressure and rate to permitted pressure.

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 Terry B. Callahan TITLE: REGULATORY SPECIALIST III DATE APRIL 4, 2013

Type or print name TERRY B. CALLAHAN

E-mail address: tcallahan@linenergy.com

PHONE: 281-840-4272

For State Use Only

APPROVED BY: [Signature] TITLE DIST. MGR DATE 4-8-2013
Conditions of Approval (if any):

APR 09 2013

State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division Hobbs District Office

BRADENHEAD TEST REPORT

Operator Name <i>LINN OPERATING</i>	API Number <i>30-025-02954</i>
Property Name <i>EAST HOBBS SAND ANDRE UNIT</i>	Well No. <i>109</i>

Surface Location

UL - Lot <i>17</i>	Section <i>30</i>	Township <i>18S</i>	Range <i>39E</i>	Feet From <i>1983</i>	N/S Line <i>N</i>	Feet From <i>661</i>	FAW Line <i>E</i>	County <i>Lea</i>
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Well Status

Well Status	SHUT-IN	PRODUCING <i>/</i>	DATE <i>3/15/2013</i>
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OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

OBSERVED DATA

If bradenhead flowed water, check all of the descriptions that apply:

	(A) Surf-Interm	(B) Interm (1)-Interm (2)	(C) Interm-Prod	(D) Prod Csg	(E) Tubing
Pressure	<i>0</i>	<i>/</i>	<i>/</i>	<i>0</i>	<i>1250</i>
Flow Characteristics					
Puff	Y / N	Y / N	Y / N	<i>(X) / N</i>	
Steady Flow	Y / N	Y / N	Y / N	Y / N	
Surges	Y / N	Y / N	Y / N	Y / N	
Down to nothing	Y / N	Y / N	Y / N	<i>(X) / N</i>	
Gas or Oil	Y / N	Y / N	Y / N	<i>(X) / N</i>	
Water	Y / N	Y / N	Y / N	Y / N	

If bradenhead flowed water, check all of the descriptions that apply:

CLEAR	FRESH	SALTY	SULFUR	BLACK
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Remarks:

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Signature: <i>Eddie S. Jaramillo</i>	OIL CONSERVATION DIVISION
Printed name: <i>Eddie S. Jaramillo</i>	Entered into RBDMS
Title: <i>PRODUCTION SPECIALIST</i>	Re-test
E-mail Address: <i>esjaramillo@linnenergy.com</i>	
Date: <i>3-15-2013</i>	Phone: <i>(575) 393-9686</i>
Witness:	

Wellbore Diagram

Lease & Well No.	East Hobbs San Andres Unit #109
Field Name	Maljamar (Grayburg San Andres)
Location	1983' FNL & 661' FEL; T: 18S R: 39E Sec: 30

Former Name	Ferguson #1
County & State	Lea County, New Mexico
API No.	30-025-07954

K.B. Elevation	
D.F. Elevation	
Ground Level	4,195'

Surface Casing				
Size (OD)	9 5/8"	Weight	36.0#	Depth
Grade		Sx. Cmt.	1400 sx	TOC @
				Surface

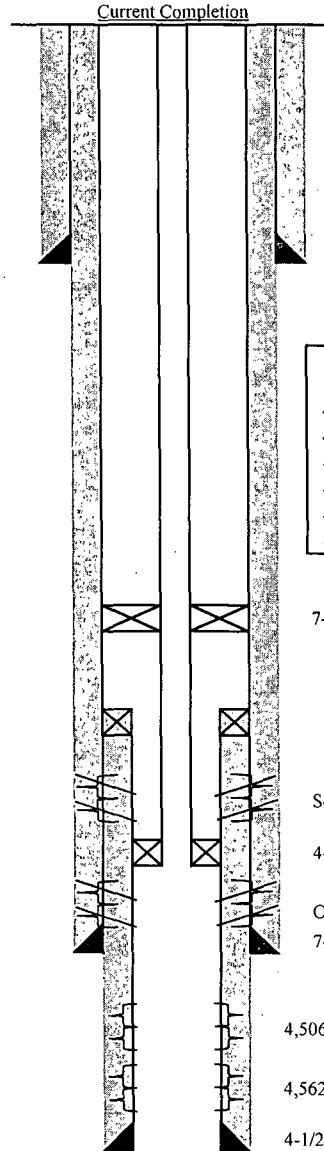
Production Casing				
Size (OD)	7 5/8"	Weight	26.4#	Depth
Grade	J-55	Sx. Cmt.	400 sx	TOC @
				Surface

Production Liner				
Size (OD)	4 1/2"	Weight	10.5#	Depth
Grade	J-55	Sx. Cmt.	50 sx	TOC @
				4,367'

Well History

4/12/53 - Spud Well; Set 9-5/8" csg string @ 1,910'; Cmt'd w/ 1,400 sx; Circ cmt to surface
 5/1/53 - TD well @ 4,470'; Set 7-5/8" csg @ 4,470' & cmt'd w/ 400 sx cmt
 5/3/53 - Perf'd 4,445 - 4,468' @ 4 spf; Cld up perfs w/ 500 gals MA wash; Well flowed 277 bbls in 11 hrs
 2/11/63 - Trtd perfs w/ 300 lbs of Visco 900 mixed in 10 bbls H2) + 5 gals Visco 1111 csg/tbg annulus for scale inhibition; sqzd into formation w/ 160 bbls of lease crude
 1/6/92 - Tagged fill @ 4,435' (35' fill); POH w/ rods & tbg; RIH w/ bit & tagged @ 3,797'; Tight spots @ +/- 3,687', 3,712', 3,797', 3,850', 4,177' (note: estimated depths); Worked down to 3,825' & stacked out; RU swivel & rotated down to 3,873'; RIH to fill & cld out to 4,468' (lots of scale, iron sulfide & paraffin);
 5/6/97 - POH w/ tbg; Make bit & scpr run; RIH w/ GR/CCL/CNL log and log f/ 4,454 - 3,800'; RIH & set CIBP @ 4,439'; Perf'd f/ 4,396 - 4,403'; 4,405 - 14' & 4,417 - 33' @ 1 spf (35 holes total); RIH w/ pkr & spot 250 gals acid across perfs; Set pkr @ 4,281'; Acdz perfs w/ 1,000 gals 15% HCl + 70 BS;
 9/15/05 - RIH & set pkr @ 4,117'; Sqzd Grayburg perfs w/ 250 sx cmt @ 1,500 psi; Tag cmt at 4,187' and cld out to 4,470'; **Deepened well f/ 4,468 - 4,650' (P4)** and RIH w/ 4.5" Liner; Set same f/ 4,367 - 4,650'; Cmts w/ 50 sx Cl 'C' cmt; Tstd liner & held ok; Perf'd P3 & P4 f/ 4,562 - 80' & 4,594 - 4,612 @ 2 spf (72 holes); RIH w/ pkr & acdz same w/ 2,500 gals + 125 BS; Perf'd P2 & P3 f/ 4,506 - 26' & 4,536 - 46' @ 2 spf (60 holes); Acdz same w/ 2,500 gals; RIH w/ injection pkr & set same @ 4,452'; commenced injection @ 1,550 bwpd & 770 psi

Formation Record	Depth
Anhydrite	1,800'
Top of Salt	1,920'
Base of Salt	2,800'
Yates	3,010'
7 Rivers	3,110'
Queen	3,780'



Tubing Detail: (10/10/05)

135 Jts: 2-3/8" IPC tbg (4,250')
 7-5/8" Arrow set Pkr @ 4,261'
 6 Jts: 2-3/8" tbg (189')
 4-1/2" Pkr @ 4,452'

8-5/8" Csg set @ 1,899'

Current Perforations:			
Top	Bot.	Fl.	Shots
4,396'	4,433'	37'	35
4,445'	4,468'	23'	92
4,506'	4,526'	20'	40
4,536'	4,546'	10'	20
4,562'	4,580'	18'	36
4,594'	4,612'	18'	36

Sqzd
 Behind Liner
 Active
 Active
 Active
 Active

7-5/8" Centralizing Pkr @ 4,261'

Sqzd Grayburg Perfs f/ 4,396 - 4,433' (35 Holes)

4-1/2" Inj. Pkr set @ 4,452'

Old San Andres P1 Perfs behind Liner f/ 4,445 - 68' (92
 7-5/8" Csg set @ 4,470'

4,506 - 4,546' (60 Holes)

4,562 - 4,612' (72 Holes)

4-1/2" Liner set @ 4,650'

Plug Back Depth	4,648'
Total Depth	4,650'