

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. 30-015-05255
5. Indicate Type of Lease STATE ☐ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name FREN OIL COMPANY
8. Well Number 007
9. OGRID Number 269324
10. Pool name or Wildcat GRAYBURG JACKSON;SR-Q-G-SA

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 N : 990 feet from the S line and 2970 feet from the E line
Section 19 Township 17S Range 31E NMPM EDDY County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3579' 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: ☒ RU & IDENTIFY MECHANICAL ISSUE

SUBSEQUENT REPORT OF:

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

DUE TO A FAILED MIT, LINN OPERATING, INC. RESPECTFULLY REQUESTS TO RIG UP AND IDENTIFY THE SOURCE OF PRESSURE LOSS. PLEASE SEE ATTACHED CURRENT WELLBORE DIAGRAM.

NM OIL CONSERVAT
ARTESIA DISTRICT

APR 28 2015

Spud Date:

Rig Release Date:

RECEIVED

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 4-24-2015

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

For State Use Only

APPROVED BY: Laura A. Moreno TITLE COMPLIANCE OFFICER DATE 4/28/15
Conditions of Approval (if any):



NM Regulatory Schematic

Well Name: FREN OIL CO 7 INJ

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3001505255	PBNM - PB-GRAYBURG	Eddy	NM	19	017-S	031-E		
Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
3,576.00	3,576.00	0.00	10/19/1946	11/19/1946	11/15/1946	32° 48' 55.944" N	103° 54' 33.732" W	Yes

Original Hole: 4/23/2015 2:40:07 PM

Original Hole Data

MD (ftKB)	Vertical schematic (actual)		Wellbores						
			North-South Distance (ft)		NS Flag	East-West Distance (ft)		EW Flag	
			990.0		FSL	2,970.0		FEL	
			Casing Strings						
			Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
			Surface	452.0	8 5/8	8.097	24.00	J-55	10/19/1946
			Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
			Intermediate	1,809.0	7	6.456	20.00	J-55	11/15/1946
			Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...	String Grade	Run Date
			Production	3,100.0	4 1/2	4.09	9.50	J-55	10/27/1963
			Cement Stages						
			Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment	
			No	Surface Casing Cement	98.0	452.0	Calculated	75 sx. TOC @ 98' (calc). Assume 1.32 cu ft/sx and 50% fillup	
			Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment	
			No	Intermediate Casing Cement	760.0	1,809.0	Calculated	130 sx. TOC @ 760' (calc). Assume 1.32 cu ft/sx and 50% fillup.	
			Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment	
			No	Production Casing Cement	2,486.0	3,100.0	Cement Bond Log	150 sx. TOC @ 2486' (CBL)	
			Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment	
			No	Cement Squeeze	0.0	98.0	Returns to Surface	Circulate cmt up surface casing	
			Prop Drill Out?	Des	Top (ftKB)	Btm (ftKB)	Eval Method	Comment	
			No	Cement Squeeze	0.0	2,486.0	Cement Bond Log	Pumped 1,000 sx cmt into 4-1/2" production casing from surface. Ran CBL and determined that entire string is cemented.	
			Tubing Components						
			Prop Run?	Item Description	OD (in)	ID (in)	Wt (lb/ft)	Length (ft)	
			No	Tubing	2 3/8	1.995	4.60	2,744.00	
			Prop Run?	Item Description	OD (in)	ID (in)	Wt (lb/ft)	Length (ft)	
			No	Packer	2 3/8			5.00	
			Other In-Hole						
			Des	Top (ftKB)	Btm (ftKB)	Run Date	Com		
			Fish - Packer	3,043.0	3,049.0	6/7/2010	Unable to fish packer. Pushed down to 3043' and ran new tubing.		
			Formations						
			Formation	Final Top...	Final Btm...	Comment			
			Salt	446.0	1,220.0				
0.0									
98.1									
445.9									
452.1									
759.8									
1,220.1									
1,809.1									
2,009.8									
2,023.0									
2,485.9									
2,744.1									
2,749.0									
2,819.9									
2,844.2									
2,852.0									
2,898.0									
2,902.9									
2,992.1									
3,028.9									
3,037.1									
3,043.0									
3,048.9									
3,057.1									
3,070.9									
3,100.1									
3,312.0									