

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Hobbs

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.***SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other: <u>INJECTION</u>		5. Lease Serial No. NMLC032510C	
2. Name of Operator LINN OPERATING INCORPORATED E-Mail: lmoreno@linnenergy.com		6. If Indian, Allottee or Tribe Name	
3a. Address 600 TRAVIS STREET SUITE 5100 HOUSTON, TX 77002		7. If Unit or CA/Agreement, Name and/or No. 8910089750	
3b. Phone No. (include area code) Ph: 713-904-6657		8. Well Name and No. S LNRD QN 10	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 24 T26S R37E SENE 1980FNL 990FEL		9. API Well No. 30-025-22756-00-S1	
		10. Field and Pool, or Exploratory S LEONARD	
		11. County or Parish, and State LEA COUNTY, NM	

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input checked="" type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

LINN respectfully requests to TA this active injector that does not directly support any current production. This wellbore will be temporarily abandoned in the future event that utilization is found.

Proposed TA Procedures:
POOH w/rods & tubing
Set CIBP @ 3395'
Dump 35 sx cmt on top
TAG TOC
Conduct MIT
TA Well

3445' see COA

After 9/21/2014 the well must be online or plans to P & A must be submitted.

SUBJECT TO LIKE
APPROVAL BY STATE

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #234758 verified by the BLM Well Information System For LINN OPERATING INCORPORATED, sent to the Hobbs Committed to AFMSS for processing by CHRISTOPHER WALLS on 03/18/2014 (14CRW0104SE)	
Name (Printed/Typed) LAURA A MORENO	Title REG COMPLIANCE ADVISOR
Signature (Electronic Submission)	Date 02/06/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <u>James D. Bubbly</u>	Title	APPROVED	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	MAR 21 2014	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

MHB/OCD 3/26/2012

MAR 26 2014

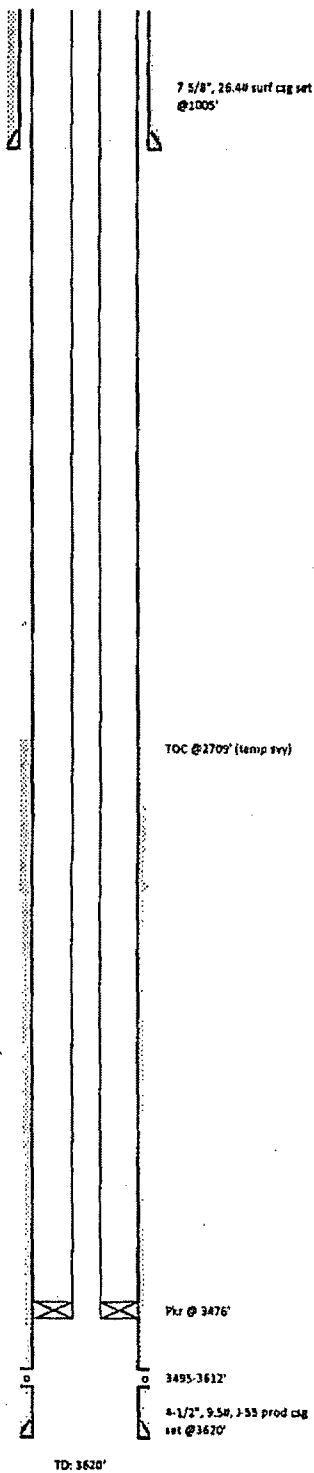
Well Name: South Leonard Unit #10

Location:	
Location	1980 FNL & 990 FEL
Section	H-24-26S-37E
Block	
Survey	
County	Lea
Lat/Long	32.0305318015522 -101.11139162118
Field	South Leonard Queen
Elevation:	
GL	3002'
DF	
RKB	
ck w/log?	

Logging Requirements:

Date	History
10/12/1968	Spud well. Ran 995' surf csg 7-5/8", 26.48 set @ 1005'. Cmt'd w/350 sbs cmt circ to surf
10/28/1968	Drilled to TD @ 3620'. Logged well. Ran 85 (ts 4-1/2", 9.58, 1-55 set @ 3610', cmt'd w/300 sbs cmt. Ran temp survey (TOC @ 2790') WOC
10/14/1970	Water in completion. Pull tbg and pkr and bridge plug @ 3550'. Ran 2-3/8", 113 ts tbg and set pkr @ 3476'.
7/12/1972	Stimulate WHW. Cleaned out fill. Ran tbg and pkr. Treated w/8000 gal wtr and sand-frac'd. Placed well back on injection
10/20/2004	MIT passed.

Current
Wellbore Diagram



Well Name:	South Leonard Unit #10
API No:	30-025-21756
Spud Date:	10/12/1968
WBD Update:	2/5/2014 B. Williams

Hole Size:	10"
Spud Csg:	7-5/8", 26.48
Cement Blend:	350 lbs
Depth:	1005'
TOC:	Circ to surf

Hole Size:	
Int Csg:	
Cement Blend:	
Depth:	
TOC:	

Details of Perforations

Perf'd (Queen) 3495', 97", 99', 3505', 07', 09', 17', 19', 21', 28', 30', 32', 34', 79', 82', 84', 90', 91', 3611', & 12'

Acid/Fracture Treatment

Acidized Perfs 3495-3612' w/1700 gals acid
Acidized Perfs 3495-3534' w/2000 gals acid

Tubing Detail	
Joints	
113	2-3/8"
Pkr Depth	3476'
Tbg Depth	

Rod Detail (top to bottom)	
Rods	Description

Perforating Unit:

Hole Size:	6-3/4"
Prod Csg:	4-1/2", 9.58, 1-55 (ran 85 ts)
Capacity (bbl/ft):	
Cement Blend:	300 lbs
Returns:	
TOC:	2790' (temp svy)
Hole Size:	
Depth	3620'

BUREAU OF LAND MANAGEMENT
Carlsbad Field Office
620 East Greene Street
Carlsbad, New Mexico 88220
575-234-5972

Temporary Abandonment of Wells on Federal Lands
Conditions of Approval

A temporarily abandoned well is defined as a completion that is not capable of production in paying quantities but which may have value as a service well. Pursuant to 43 CFR 3162.3-4 (c), no well may be temporarily abandoned for more than 30 days without the prior approval of the authorized officer.

Temporary Abandonment (TA) status approval requires a successful mechanical or casing integrity test as follows:

1. A Notice of Intent (NOI) Sundry Notice (Form 3160-5) requesting approval to run a mechanical integrity test (MIT) or casing integrity test (CIT).
2. A description of the temporary abandonment procedure.
 - a. A bridge plug or packer must be installed as close to 50 feet above any open perforations or open hole as possible. If a cement plug is used, the top of the cement must be verified by tagging. CIBP must be capped with minimum 25 sacks cement, placed with tubing, or 35 feet of cement if placed with bailer.
 - b. The wellbore must be filled with corrosion inhibited fluid and pressure tested to 500 psi. The casing shall be capable of holding this pressure for at least 30 minutes. Any leak-off will be evaluated.
 - c. All downhole production/injection equipment (tubing, rods, etc.) shall be removed from the casing if they are not isolated by a packer.
 - d. A bradenhead test must be conducted. If the test indicates a problem exists, a remedial plan and time frame for remediation shall be submitted within ninety (90) days of the test.
 - e. Contact the appropriate BLM office at least 24 hours prior to the scheduled Casing Integrity Test. For wells in Eddy County, 575-361-2822; Lea County 575-393-3612.
3. **Provides justification why the well should be temporarily abandoned rather than permanently plugged and abandoned and an estimated date that the well will be returned to beneficial use or plugged and abandoned. 43 CFR 3162.3-4 (a) The operator shall promptly plug and abandon...wells in which oil or gas is not encountered in paying quantities...**

Wells that successfully pass the casing integrity test **may** be approved for Temporary Abandonment (TA) status provided that the operator:

1. **Submits a subsequent Sundry Notice** (Form 3160-5) requesting TA approval with well bore diagram with all perforations and CIBP's and tops of cement on CIBP's.
2. Describes the temporary abandonment procedure.
3. Attaches a clear copy or the original of the pressure test chart.
4. Give justification to allow well to be place in TA status and plan for future use of well with time frame that well will be place back on line or plans to P&A well will be submitted.

If the well does not pass the casing integrity test, then the operator shall within 30 days submit to BLM for approval one of the following:

1. A procedure to repair the casing so that a TA approval can be granted.
2. A procedure to plug and abandon the well.

South Leonard Queen Unit #10

1. Well may be approved to be TA/SI for a period of 6 months or until 9/21/2014 after successful MIT and subsequent report is submitted. CIBP to be set at 3445'
2. This will be the last TA approval for this well.
3. Must return to injection or submit a NOI to P&A. Must be submitted by 9/21/2014.