

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED
OMB NO 1004-0135
Expires July 31, 2010SUNDRY 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.

MOOD ARTESIA

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1 Type of Well ☐ Oil Well ☐ Gas Well ☒ Other INJECTION		5 Lease Serial No NMLC 029435B 029418B
2 Name of Operator LINN OPERATING, INC. Contact TERRY B CALLAHAN E-Mail tcallahan@linnenergy.com		6 If Indian, Allottee or Tribe Name
3a Address 600 TRAVIS STREET SUITE 5100 HOUSTON, TX 77002	3b Phone No (include area code) Ph: 281-840-4272	7 If Unit or CA/Agreement, Name and/or No
4 Location of Well (Footage, Sec, T, R, M, or Survey Description) Sec 26 T17S R31E Mer NMP NENE 710FNL 660FEL 32 810918 N Lat, 103.833872 W Lon		8 Well Name and No LEA D 2
		9 API Well No 30-015-05412
		10 Field and Pool, or Exploratory GRAYBURG JACKSON, SR-Q-G-S
		11 County or Parish, and State EDDY COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION
☒ Notice of Intent	☐ Acidize ☐ Deepen ☐ Production (Start/Resume) ☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing ☐ Fracture Treat ☐ Reclamation ☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair ☐ New Construction ☐ Recomplete ☐ Other
	☐ Change Plans ☒ Plug and Abandon ☐ Temporarily Abandon
	☐ Convert to Injection ☐ Plug Back ☐ 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.)

PROPOSED PLUGGING PROCEDURES

1. SET 5-1/2 CIBP @ 2300' SPOT 25 SXS CMT ON TOP.
2. PERF 5-1/2 CASING @ 1400' SQZ 45 SXS CMT. (BOTTOM OF SALT). WOC & TAG - 1776 (120' plus)
3. PERF 5-1/2 CASING @ 890' SQZ 100 SXS CMT. (8-5/8 SHOE & TOP OF SALT). WOC & TAG TOC to 720'
4. PERF 5-1/2 & 5/8 CASINGS @ 60' SQZ 35 SXS CMT TO SURFACE
5. INSTALL GROUND LEVEL DRY HOLE MARKER

At Cut-off verify cmt to surface, all annulus. Radial cmt may be needed on 8-5/8" Annulus.

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

Ground Level Dry Hole Marker Reg.

14 I hereby certify that the foregoing is true and correct		Electronic Submission #147051 verified by the BLM Well Information System For LINN OPERATING, INC., sent to the Carlsbad Committed to AFMSS for processing by KURT SIMMONS on 08/23/2012 ()	RECLAMATION PROCEDURE ATTACHED
Name (Printed/Typed) TERRY B CALLAHAN		Title REGULATORY SPECIALIST III	
Signature (Electronic Submission)		Date 08/23/2012	

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <i>James R. Pineda</i>	Title SEAS	Date 9-29-12
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 CTD

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.

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

*At 10/3/2012*Accepted for record
MOCD

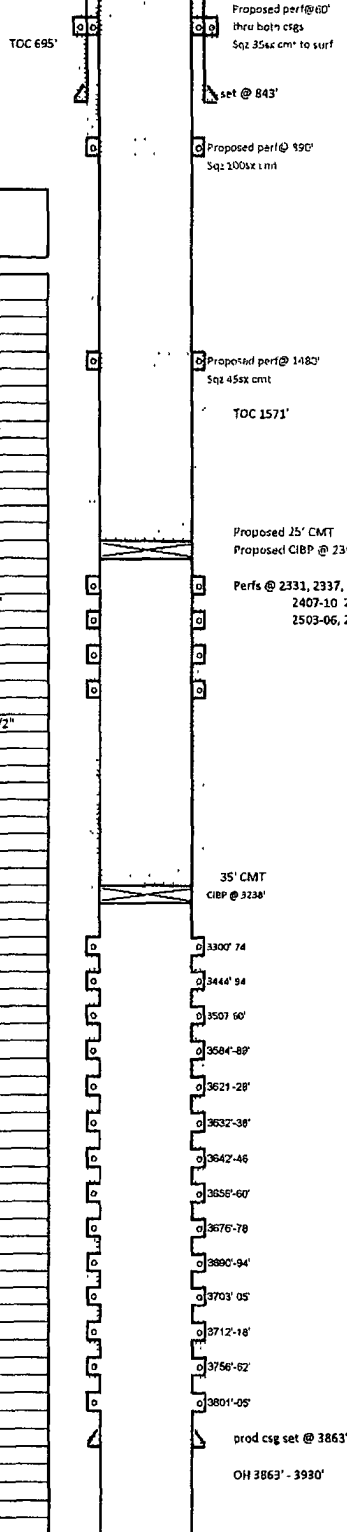
Well Name **Lea D #2**

Location:	
Footage:	A26-175-31E 710 FNL 660 FEL
Section:	26
Block:	
Survey:	
County:	Eddy
Lat/Long:	
Field:	Grayburg Jackson
Elevations	
GL	3850'
KB	
KB-GL Calc	
ck w/ log?	

Logging Requirements:

Date	History
4/1971	CO to 3836' (PBD)
2/1972	CO to 3836' Acidized w/2100 gals
11/25/1972	RU, Pulled rods & tbg. MOP @ 3836'-3839' Spotted 300 gals 15% acid 3561'-3261' Set pkr @ 3843 Treated OH 3863'-3930' w/2000 gals 15% acid w/4000 gals 28% acid Flushed w/5000 gals treated fresh water Swabbed Pulled pkr Set BP @ 3838' and treated perfs 3300'-3805' with 40000 gals gelled brine wtr 60000# sand, 2000# rock salt, 1500 gals 15% acid and 165 gals Pulled BP re-ran 114 jts (3528') of 2-3/8" OD tubing and set with mud anchor 3501'-3532'; perf'd nipple 3498'-3501' seating nipple 3597'-3598' set pump @ 3497'
11/1994	CIBP @ 3510' Cap w/35' cmt. Load hole Test csg to 500 PSI. TA Well
8/26/1997	MIRU POH PU 2 jts tbg. POH & called out. Tested csg to 500# for 30min RIH w/4 3/4" bit 6 DCs & 2-7/8" tbg Tagged @ 3478' Drid cmt to 3510' Drid CIBP to 3512'
8/27/1997	Pkr @ 3252' Perf'd 3442', 43', 45', 46', 84', 87', 88', 89', 92', 93', 3514', 15', 16', 37', 38', 39', 48', 49' Circ 75 bbls pkr fl set pkr
9/4/1997	Acidized perfs 3300'-3805' & OH 2/6500 gals 15% acid
1/23/1998	Returned well to injection
3/1/2001	MIRU Unset Pkr POH 2/2-3/8" IPC tbg. LD 2-3/8" x 5-1/2" AD 1 Pkr RU Computalog WI RIH w/4-1/2" gauge ring to 3660' Perf'd 3442'-49', 3500', 3513'-20', 3740', 47-51', 58 62', 84'-89' w/4 SPF
3/2/2001	RIH w/AD-1 pkr & 2-3/8" IPC tbg to 3220' RD BOP NU WH Circulate 90 bbls pkr fluid Set Pkr Test csg to 500# for 30 min RU & acidized 3300'-3805' open hole 3863'-3930' w/2000 gals 15% NE-FE acid 2/2100# rock salt
3/5/2001	Placed well back to injecting
5/14/2003	POH w/102 jts 2-3/8" IPC tbg LD 5-1/2" AD-1 pkr Test in hole 500# below slips Replace 4 bad jts Pkr @ 3810' Circulate 110 bbls pkr fluid Set Pkr Place well back on injection
6/16/2003	POH w/2-3/8" IPC tbg & AD-1 pkr, RIH w/redressed 2 3/8" x 5-1/2" AD-1 pkr & 2-3/8" IPC tbg. Circulate 110 bbls w/ pkr fluid Set pkr @ 3200' Place well back on injection
4/10/2007	POH w/2-3/8" tbg & Pkr
4/11/2007	RIH w/4-3/4" bit & scraper to 3001'. POH w/7 stands
4/17/2007	RIH w/5-1/2" AD-1 Pkr on 2-3/8" tbg Set Pkr @ 238'
4/13/2007	RIH w/5-1/2" CIBP on 2-3/8" tbg Set CIBP @ 3238'
4/19/2007	Well is TA'd

PROPOSED Wellbore Diagram



Well Name	Lea D #2
API No	30-015-05412
Spud Date	11/17/1960
WBD Update:	6/20/2012 JC

Hole Size	10"
Surf Csg.	8-5/8" OD 24# J-55 csg set @ 843'
Cement Blend.	Cmt'd w/ 100 sxs cmt
Returns:	
TOC:	695' - Manual Calc w/ Yield 1.20 ft3

Hole Size:	N/A
Int Csg.	
Cement Blend.	
Returns:	
TOC:	

Details of Perforations

Upper Jackson	3863'-3930' open hole
Vacuum	3680'-94', 3704'-05', 3712'-18', 3756'-62', 3801'-05' (4 SPF)
Grayburg	3300', 12', 41', 55', 64', 74', 3444', 56', 66', 86', 94' 3507', 16', 38', 49', 60' (1 SPF) 3584'-89', 3621'-28', 3632'-36', 3642'-46', 3656'-60', 3676'-79' (4 SPF)

Tubing Detail	
Joints	Description
2	2-3/8" tbg

Rod Detail (top to bottom)	
Rods	Description

Pumping Unit:

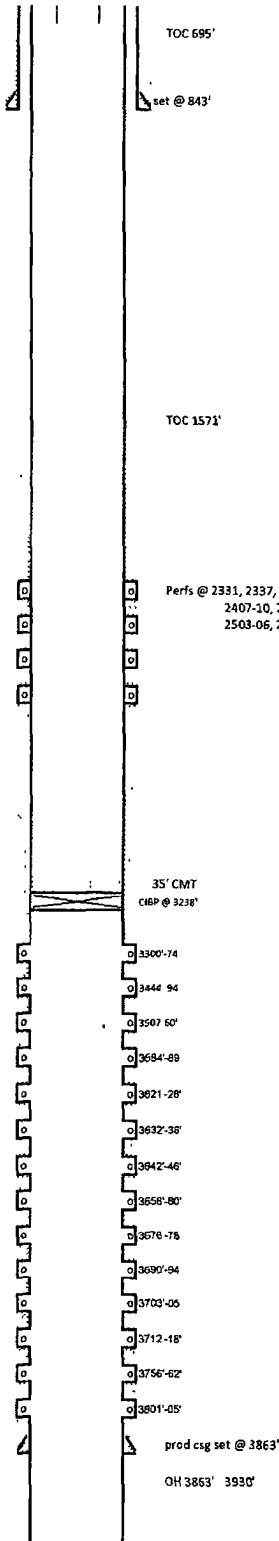
Hole Size:	8"
Prod Csg.	5-1/2" OD 15.5# J-55 set @ 3863'
Capacity (bbl/ft)	
Cement Blend:	Cmt'd w/ 385 sxs cmt
Returns:	TOC 1571'
Lead Cement Blend	
Tail Cement Blend:	

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