

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

RECEIVED
 HOBS OCD
 SEP 16 2013

WELL API NO. 30-025-34224
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name CAPROCK MALJAMAR UNIT
8. Well Number: 400
9. OGRID Number 269324
10. Pool name or Wildcat MALJAMAR; GRAYBURG-SAN ANDRES

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

2. Name of Operator
LINN OPERATING, INC.

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

4. Well Location
 Unit Letter _____ I: 1330 feet from the _____ S line and _____ 110 feet from the _____ E line
 Section 17 Township 17S Range 33E NMPM LEA County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
4197'

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

<p>NOTICE OF INTENTION TO:</p> <p>PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input checked="" type="checkbox"/></p> <p>TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/></p> <p>PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/></p> <p>DOWNHOLE COMMINGLE <input type="checkbox"/></p> <p>OTHER: <input type="checkbox"/></p>	<p>SUBSEQUENT REPORT OF:</p> <p>REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/></p> <p>COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/></p> <p>CASING/CEMENT JOB <input type="checkbox"/></p> <p>OTHER: <input type="checkbox"/></p>
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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.

Proposed P&A Procedures -

- MIRU plugging equip. NU BOP.
- RIH and set 5-1/2 CIBP @ 4200'. Circ hole w/mud laden fluid. Spot 25 sx cmt on top of plug 4200-4100.
- Spot 25 sx cmt @ 2520-2420. (Base of Salt) ~~WOC & Tag~~
- Spot 25 sx cmt @ 1420-1250. (Top of Salt) ~~WOC & Tag~~
- Spot 65 sx cmt @ 400 - surface.
- Cut off wellhead and weld on Dry Hole Marker.

* Use Closed Loop System to circulate into

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  TITLE: REG COMPLIANCE SPECIALIST III DATE SEPTEMBER 13, 2013

Type or print name TERRY B. CALLAHAN E-mail address: tcallahan@linnenergy.com PHONE: 281-840-4272

For State Use Only

APPROVED BY:  TITLE: DISTRICT MANAGER DATE 9-18-2013

Conditions of Approval (if any):

OIL CONSERVATION DIVISION - Hobbs office **Must Be Notified**
 24 hours prior to the beginning of Plugging Operations.

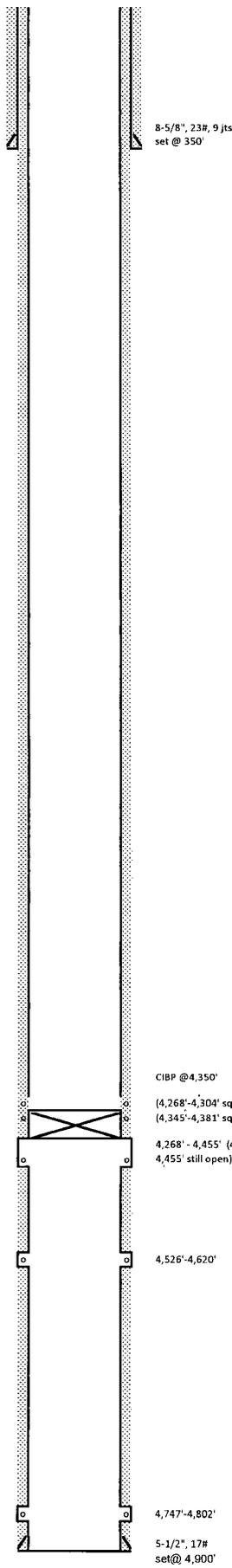
SEP 18 2013 P.M.

Well Name: CMU #400	
Location:	1330' FSL 110' FEL
Section:	T: 175 R: 33E Sec: 17
Block:	
Survey:	
County:	Lea
Lat/Long:	
Field:	Maljamar Grayburg San Andres
Elevations:	
GI:	4,197'
DF:	
KB-Gl Calc:	
ck w/log?	

Logging Requirements:	

Date	Event
12/12/1997	Spud 12-1/4" hole & dild to 388'; Set 8-5/8" csg @ 350' & cmt w/ 300 sx; Circ 89 sx to surf. Tagged PBTD @ Perf'd Three Fingers zone f/ 4,747', 57', 58', 72', 88' & 91'-4,802' w/ 1 spf (17 holes); Set pkr @ 4665'.
4/29/1998	Acidize. Release pkr & POH.
4/30/1998	Perf'd Vacuum zones f/ 4,526', 27', 28', 36', 37', 45', 46', 61', 82', 87', 89', 90', 91', 4600', 01', 08', 13', 15' & 20' @ 1 spf (19 holes); RIH w/ RBP & pkr, set RBP @ 4,658'; Ran pkr to 4,637'. Spotted acid across perfs. Pulled up and set pkr @ 4,414. Acidize.
5/4/1998	Swabbed. Release pkr, ran down and released RBP. Pulled up to 4498' & set RBP. POH w/pkr & tbg. Perf'd Grayburg zone f/4,268', 69', 70', 98', 4302', 03', 04', 45', 55', 56', 57', 81', 89', 91', 92', 96', 4424', 29', 34', 35', 36', 40', 44-47', 50', 53' & 55' w/ 1 spf (29 holes) RIH w/ pkr & tbg to 4457'. Spot acid, pull up & set pkr @ 4158' Acidize.
5/5/1998	Swabbed & flowed dirty black water. Set pkr @ 4418'. Tbg dry, csg flowing water. Released pkr & POH. RIH w/ pkr & retrieving tool. Released RBP. Pulled up and set RBP @ 4418'. Set pkr @ 4370'. Moved RBP and pkr. Isolated perfs @ 4381'-96'. Found Communication. Isolated perfs @ 4345'-57'. Found Comm. Isolated perfs @ 4298'-4304'. No comm. Released pkr & RBP. POH w/ tbg & tools.
5/7/1998	RIH w/ CIBP & set @ 4330'. POH. RIH w/ CIR. Circ hole clean. Set retainer @ 4240'. Squeezed perfs @ 4268'-4304' w/ 150 sxs smt. Reversed out cmt. POH. WOC.
5/11/1998	Drilled cmt from 4234'-4383'. Drilled out CIBP @ 4383'. POH. RIH w/ RBP & set @ 4330'. Tested to 1000#. Held ok. Moved RBP to 4492' & set. POH w/ tbg. Perf'd Graybug f/ 4,345', 55', 56', 57', & 81' w/ 1 SPF (5Holes). RIH w/ pkr & 2-7/8" tbg. Set pkr @ 4315'. Acidize. Release pkr & knocked balls off. set pkr @ 4315'. Swabbed. Released pkr & POH. LD tbg & tools.
5/18/1998	Tested in hole w/ inflatable pkr, 38' of 2-7/8" N-80 pkr #2 & 3-1/2" tbg. To 2688'. Tight spot @ 2497'. Worked tbg down to 2688'. Worked tbg out of hole. Pkr torn up. RIH w/ bit and scraper on tbg. Tagged @ 2526'. Worked down to 4484'. Circulate hole clean. Received rubber and pipe rust. POH w/ tbg and tools.
5/20/1998	RIH w/ conventional shoe. Tag @ 2546'. Washed to 4386'. POH. Received rubber. RIH w/ retrieving head. Caught RBP and released. POH. RIH w/ RBP and set @ 4480'. POH. RIH w/ inflatable pkr, 78' N-80 tbg, Baker AR-1 pkr, & 3-1/2" tbg. Set bottom pkr @ 4369'. Top pkr @ 4330'. Pumped on tbg to 4500#. Annulus went to 1500#. SD and blew down. Pressured tbg again, annulus went up again. Found Communication.
5/26/1998	Released pkr and POH. RIH w/ retrieving tool. Released RBP and POH. RIH w/ CIBP and set @ 4500'. POH. RIH w/ CIBP & set @ 4410'. POH. RIH w/ CIR. Set CIR @ 4330'. Squeezed 150 sxs cmt into Grayburg perfs @ 4345'-81'. Pressured up on csg to 2900# and held ok. POH. RIH w/ bit, DCs & tbg. WOC. Tagged CIR. Drilled through CIR. cmt was soft. Drilled cmt down to 4410'. tagged CIBP. Pressured up to 700# and held ok. Drilled CIBP and pushed plug down to 4500'. POH w/ tbg DCs and bit.
6/2/1998	TIH w/ pkr on 3-1/2" tbg. Set pkr @ 4408'. Fractured grayburg perfs @ 4424'-4455'. Flow back.
6/8/1998	RD flowback assembly and frac valve. POH w/ tbg and pkr. RIH w/ bit, scraper, sub, and tbg. Tagged sand @ 4430'. Cleaned out to CIBP @ 4500'. Drilled out CIBP and cleaned out to 4876'. POH with tbg and tools. LD everything. RIH w/ 2-7/8" tbg to 4325'. set SN @ 4290'. RD BOP. NU WH. RIH w/ pord equip. Left well pumping to battery. 24 hr IP test: 13 BO, 47 BW, 10 MCF.
1/25/2002	POH w/ prod equip and tbg. RIH w/ CIBP and set @ 4350'. Circulate pkr fluid. POH and LD tbg. Well is TA'd.

Current Wellbore Diagram



Well Name:	CMU #400
API No:	30-025-34224
Spud Date:	12/12/1997
WBD Update:	8/22/2013 R. Van Howe

Hole Size:	12 1/4
Surf Csg:	8-5/8", 23#, ISW-42 ST&C
Cement Blend:	300 sx
Depth:	350'
TOC:	Circ cmt to Surf

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

Details of Perforations

4/29/1998	Perf'd 4747-4802'
4/30/1998	Perf'd 4526-4620'
5/4/1998	Perf'd 4268-4455' (4268-4304 squeeze cemented later)
5/11/1998	Re-perf'd 4345-4381' (later squeezed)

Acid or Fracture Treatment Details

4/29/1998	
4,747' - 4,802'	Acidize/2500 gal 15% NEFE acid + 34 ball sealers
4,526'-4,620'	Acidize/2800 gal 15% NEFE acid + 38 ball sealers
4,268'-4,455'	Acidize/2500 gal 15% NEFE acid + 44 ball sealers
4,345'-4,381'	Acidize/3000 gal 15% NEFE acid + ball sealers
6/2/1998	
4,424'-4,455'	Frac'd w/ 25000 gal gelled water, 10000 gal H2O Delta Frac + 50000# 16/30 sand

Tubing Detail	
Joints	Description
	2 7/8
Pkr Depth	

Rod Detail (top to bottom)	
Rods	Description
4,268' - 4,455'	(4,389' - 4,455' still open)

Pumping Unit:

Hole Size:	7 7/8
Prod Csg:	5-1/2", 17#, I-55 LT&C
Capacity (bbl/ft):	
Cement Blend:	1200 sxs
Returns:	
TOC:	Circ cmt to surf
Depth:	4900'

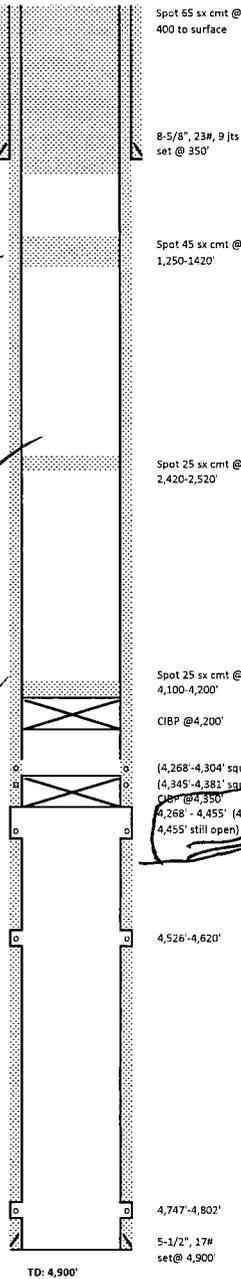
Proposed Wellbore Diagram

Well Name: CMU #400	
Location:	Location:
1330' FSL 110' FEL	
Section:	T: 17S R: 33E Sec: 17
Block:	
Survey:	
County:	Lea
Lat/Long:	
Field:	Majamar Grayburg San Andres
GL:	4,197'
DF:	
KB-GL Calc:	
ck w/log?	

Logging Requirements:

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5/4/1998	Swabbed. Release pkr, ran down and released RBP. Pulled up to 4498' & set RBP. POH w/pkr & tbg. Perf'd
5/5/1998	Swabbed & flowed dirty black water. Set pkr @ 4418'. Tbg dry, csg flowing water. Released pkr & POH. RIH
5/7/1998	RIH w/ CIBP & set @ 4330'. POH. RIH w/ CIR. Circ hole clean. Set retainer @ 4240'. Squeezed perfs @ 4268'-4304' w/ 150 sxs smt. Reversed out cmt. POH. WOC.
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Proposed Wellbore Diagram



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API No:	30-025-34224
Spud Date:	12/12/1997
W&B Update:	9/4/2013 B. Williams

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Surf Csg:	8-5/8", 23#, ISW-42 ST&C
Cement Blend:	300 sx
Depth:	350'
TOC:	Circ cmt to Surf

Hole Size:	
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Cement Blend:	
Returns:	
TOC:	

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Pkr Depth	

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Rods	Description

Pumping Unit:

Hole Size:	7 7/8
Prod Csg:	5-1/2", 17#, J-55 ST&C
Capacity (bbbl/d):	1200 sxs
Cement Blend:	1200 sxs
Returns:	
TOC:	Circ cmt to surf
Depth:	4900'