

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
HOBBS OCD
OIL CONSERVATION DIVISION
220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
October 13, 2009

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DLEPEN 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 ☒	WELL API NO. 30-025-01439
2. Name of Operator LINN OPERATING, INC.	5. Indicate Type of Lease STATE ☒ FEE ☐
3. Address of Operator 600 TRAVIS, SUITE 5100, HOUSTON TEXAS 77002	6. State Oil & Gas Lease No. 309534
4. Well Location Unit Letter <u>A</u> A: 660 feet from the <u>N</u> line and <u>660</u> feet from the <u>E</u> line Section <u>17</u> Township <u>17S</u> Range <u>33E</u> NMPM LEA County	7. Lease Name or Unit Agreement Name CAPROCK MALJAMAR UNIT
11. Elevation (Show whether DR, RKB, RT, GR, etc.)	8. Well Number. 006
	9. OGRID Number 269324
	10. Pool name or Wildcat MALJAMAR:GRAYBURG-SAN ANDRES

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 ☐

OTHER ☐

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.

Liner Installation:

MIRU; Bleed pressure off well; NDWH; NUBOP, PU workstring & tag top of CIBP @ 4,171'. Dump 10' of sand on top of CIBP. Set balanced plug from 800 -1000' w/ 30sxs cmt & block sqz. WOC PU bit & workstring & drill out cmt plug RIH open ended & circ sand PU bit & workstring & drill out CBP @ 4171'. POH w/ workstring. RIH & set composite plug @ 4,225'. PU & RIH 2/4", 11#, L-80 Flush It csg. Set end of csg 5' above composite plug @ 4,220'. Establish circulation with Brine fluid. Pump cmt to surface Pump wiper plug then shut BH valve ND BOP Set slips for 4" csg. Install bowl for 2-3/8" inj tbg. NUBOP. WOC Run CBL. PU bit & workstring, drill out cement plug & composite plug Bleed well down. LD bit & workstring. PU 2-3/8" injection string and pkr & TIH to 4190'. ND BOP. Circ pkr fluid Set pkr @ 4190'. NU WH. RDMO.

Per Underground Injection Control Program Manual
11.6 C Packer shall be set within or less than 100
feet of the uppermost injection perfs or open hole.

ing Release Date.

Condition of Approval Notify OCD Hobbs
office 24 hours prior of running MIT Test & Chart

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 September 26, 2011

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

For State Use Only

APPROVED BY [Signature] TITLE STAFF MGR DATE 9-28-2011
Conditions of Approval (if any).

SEP 28 2011

Wellbore Diagram

Lease & Well No. Captrock Mahanar Unit #06
 Field Name Mahanar (Grayburn San Andres)
 Location 660' NNL & 660' EEL, T. 17S R. 33E Sec. 17

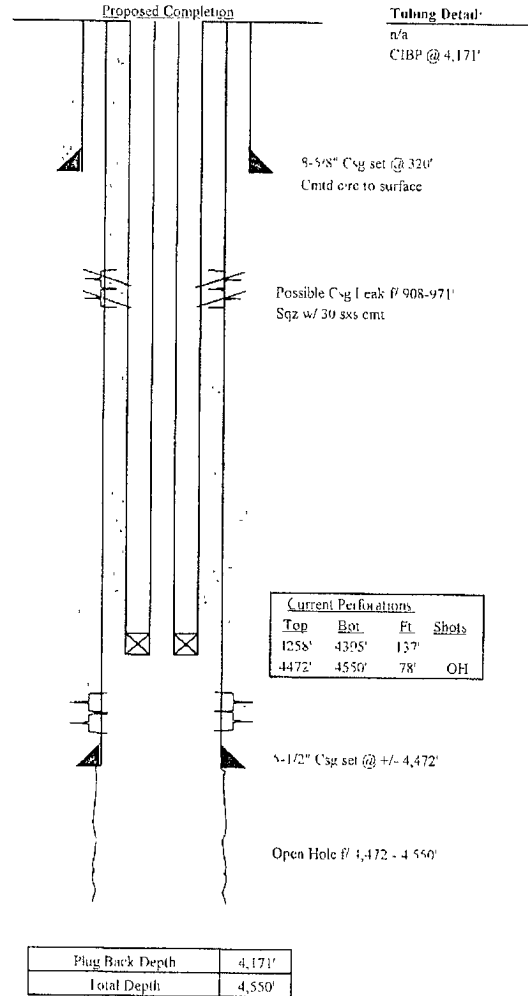
Former Name _____
 County & State Lea County, New Mexico
 API No. 30-025-01439

K.H. Elevation _____
 D.F. Elevation _____
 Ground Level 4,203'

Surface Casing				
Size (OD)	8 5/8"	Weight	24.0#	Depth
Grade	1-55	Sx. Cmt.	250 sxs	FOC @ Surface
Intermediate Casing				
Size (OD)	n/a	Weight		Depth
Grade		Sx. Cmt.		TOC @
Production Casing				
Size (OD)	5 1/2"	Weight	14 & 15.5#	Depth
Grade		Sx. Cmt.	300 sxs	TOC @

PROPOSED LINER INSTALLATION SUMMARY

NTRU
 BLEED PRESSURE OFF WELL
 NDWH
 NUBOP
 PU WORK STRING & TAG TOP OF CIBP @ 4,171'
 PUMP 10' OF SAND ON TOP OF CIBP
 SET BALANCED PLUG FROM 800'-1000' W/ 30 SXS CMT & BLOCK SQZ
 WOC
 PU BIT & WORKSTRING & DRILL OUT CMT PLUG
 RTH OPEN ENDED & CIRC SAND
 PU BIT & WORKSTRING & DRILL OUT CIBP @ 4,171'
 POOH W/ WORKSTRING
 RTH & SET COMPOSITE PLUG @ 4,225'
 PU & RTH W/ 4" 118, L-80 FLUSH JT CSG
 SET END OF CSG 5' ABOVE COMPOSITE PLUG @ 4,220'
 ESTABLISH CIRCULATION WITH BRINE FLUID
 PUMP CMT TO SURFACE
 PUMP WIPER PLUG THEN SHUT IN VALVE
 ND BOP
 SET SLIPS FOR 4" CSG
 INSTALL DOWL FOR 2-3/8" INT TUB
 NUBOP
 WOC
 RUN CBL
 PU BIT & WORKSTRING, DRILL OUT CEMENT PLUG & COMPOSITE PLUG
 BLEED WELL DOWN
 LD BIT & WORKSTRING
 PU 2-3/8" INT STRING AND PKR & THI TO 1190'
 ND BOP
 CIRC PKR FLUID
 SET PKR & SLIPS
 NDWH
 RDAHO



Wellbore Diagram

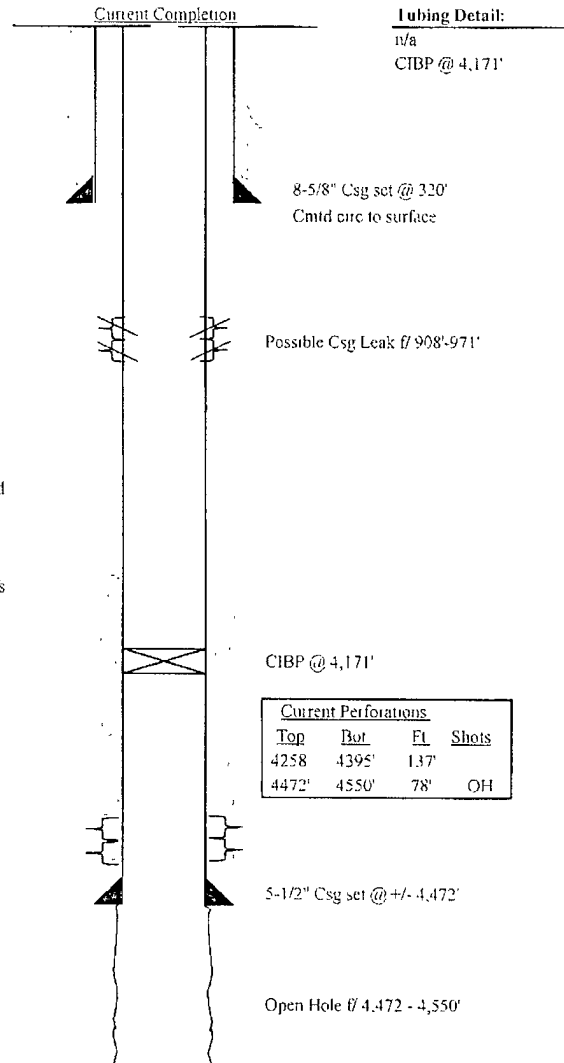
Lease & Well No. Caprock Mahamar Unit #06
 Field Name Mahama (Crayburg San Andres)
 Location 660' FNL & 660' FEL, T. 17S R. 33E Sec. 17
 K.B. Elevation _____
 D.F. Elevation _____
 Ground Level 4,203'

Former Name _____
 County & State Lea County, New Mexico
 API No. 30-025-01439

Surface Casing				
Size (OD)	8 5/8"	Weight	24.0#	Depth
Grade	J-55	Sx. Cmt	250 sx	TOC @
				Surface
Intermediate Casing				
Size (OD)	n/a	Weight		Depth
Grade		Sx. Cmt		TOC @
Production Casing				
Size (OD)	5 1/2"	Weight	11&15.5#	Depth
Grade		Sx. Cmt	300 sx	TOC @

Well History

11/16/57 - Spud Well, Set 8-5/8" csg string @ 320'. Cmtd w/ 250 sx. Circ cmt to surface, tstd to 1000 psi and held ok.
 12/6/57 - Set 5-1/2" csg string @ 4,500'. Cmtd w/ 150 sx cmt + 400 gals Cement, tstd ok, 1,500 psi.
 12/12/57 - ttd perms @ 4,338 - 46', 4362 - 82', 4,388 - 95' w/ 34k gals oil + 1/2" sd / gal & 12 bpm. Trtd perms @ 4,258 - 66' & 4,286 - 98' w/ 3,000 gals oil + 1/2" sd / gal.
 5/23/94 - tagged @ 4,166', POH w/ prod eqpmnt, Acdz perms 4,258 - 4,395' w/ 2,500 gals 15% HCl + rock salt diverter. Put well back on production.
 10/12/95 - Drld and cnd out @ 4,394 - 71'. Deepened @ 4,492 - 4,550'. Circ wellbore clean & acdz perms (4,395 - 4,528' & OH) w/ 2,500 gals 15% NEFE HCl; RIH w/ 5-1/2" Pkr and place well on mj.
 2/2 1/11 - POH w/ IPC tbg & Pkr, RIH w/ RBP & pkr and set same @ 4,174' & 4,190' respectively, test csg to 540 psi & lost 150 psi in 5 mins. PUH tstg for csg leaks 946' - surface BOP flange leaking, leak b/w 946 - 977'. csg patch @ surface leaking, re-welded csg patch, test csg & patch to 550 psi, RIH w/ pkr to 946' and tstd csg to surface, held ok, RIH and latch onto RBP. POH w/ RBP & pkr and csg patch started leaking again, RIH w/ pkr and 1 jt tbg. POH w/ pkr and RIH w/ CIBP and set same @ 4,171', POH & lay down tbg.



Formation Record Depth

Plug Back Depth	4,171'
Total Depth	4,550'