

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

OCT 28 2011

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, NM 87505

RECEIVED

WELL API NO. 30-025-01509
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: 58
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 <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> 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 <u>E</u> ; <u>1980</u> feet from the <u>N</u> line and <u>660</u> feet from the <u>W</u> line Section <u>21</u> Township <u>17S</u> Range <u>33E</u> NMPM LEA County	
11. Elevation (Show whether DR, RKB, RT, GR, etc.)	

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.

LINN PROPOSES TO PLUG & ABANDON THE CMU #58 (PLEASE SEE ATTACHMENT FOR PLUGGING PROCEDURES)

The Oil Conservation Division Must be notified
24 hours prior to the beginning of plugging operations.

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 Terry B. Callahan TITLE: REGULATORY SPECIALIST III DATE OCTOBER 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 10-31-2011
Conditions of Approval (if any):

OCT 31 2011

CAPROCK MALJAMAR UNIT #58
30-025-01509
P& A PROCEDURES

MIRU PLUGGING RING
RIH & TAG TOPOF CIBP
CIRC THE HOLE W/ MUD LADEN FLUID
PERF THE 5-1/2" CSG AT 2705' & SQZ 25 SX CL C CEMENT IN/OUT OF CSG (COVER 50' ABOVE &
BELOW BASE OF SALT)
WOC & TAG NO LOWER THAN 2,605'
PERF THE 5-1/2" CSG @ 1570' & SQZ 25 SX CL C CMT IN/OUT OF CSG(COVER 50' ABOVE & BELOW
TOP OF SALT)
WOC & TAG NO LOWER THAN 1470'
PERF THE 5-1/2" CSG AT 860' & SQZ IN/OUT OF CSG (25 SXS INSIDE 5-1/2" & DISPLACE 10 SXS)
WOC & TAG NO LOWER THAN 760'
PERF THE 5-1/2" CSG @ 351' & CIRC CLASS C CMT IN/OUT OF CSG TO SURFACE
WOC
SET THE DRY HOLE MARKER & CLEAN UP LOCATION

Wellbore Diagram

Lease & Well No. Caprock Maljamar Unit #58
 Field Name Maljamar (Grayburg San Andres)
 Location 1980' FNL & 660' FWL; T: 17S R: 33E Sec: 21

Former Name _____
 County & State Lea County, New Mexico
 API No. 30-025-01509

K.B. Elevation 4,177'
 D.F. Elevation _____
 Ground Level _____

Surface Casing				
Size (OD)	8 5/8"	Weight	24.0#	Depth
Grade		Sx. Cmt.	225 sx	TOC @
				Surface

Intermediate Casing				
Size (OD)	n/a	Weight		Depth
Grade		Sx. Cmt.		TOC @

Production Casing				
Size (OD)	5 1/2"	Weight	15.5#	Depth
Grade		Sx. Cmt.	200 sx	TOC @
				3257'

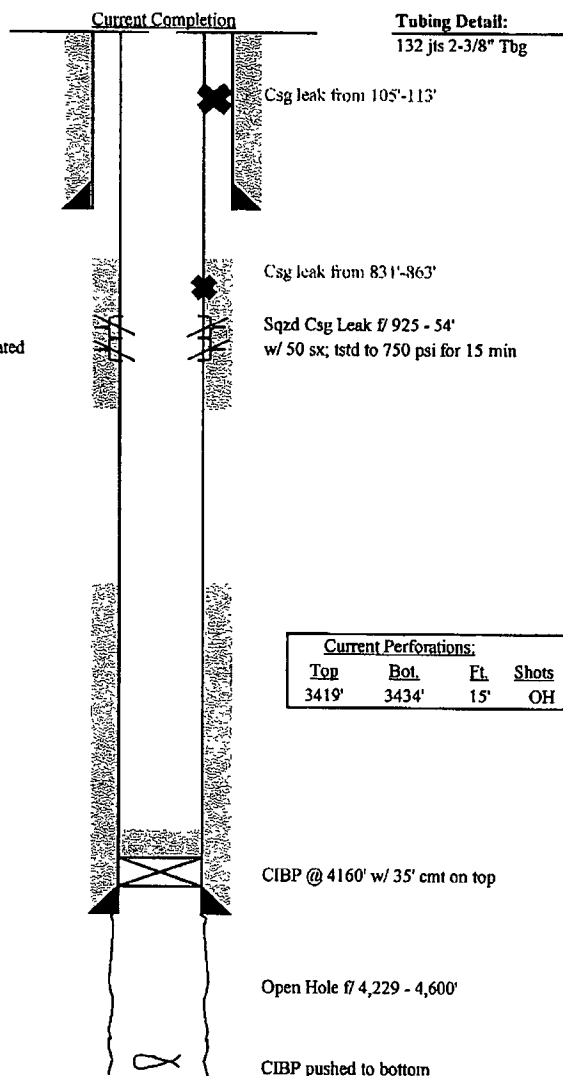
Calculated

Well History

8/30/55 - Spud Well; Set 8-5/8" csg string @ 301'; Cmtd w/ 225 sx; Circ cmt to surface; tstd to 1000 psi and held ok
 9/10/55 - Set 5-1/2" csg string @ 4,229', Cmtd w/ 200 sx cmt; Lost circ of cmt, tstd ok
 9/11/55 - drld w/ cable tool to 4,452'; Frac'd OH w/ 12,000 gals oil + 12,000# sd, pay sections noted to be f/ 4,238 - 45', 4,280 - 4,308', 4,337 - 57' & 4,383 - 4,450'; potential test of 490 bopd @ 250 psi
 1/24/57 - Attempted re-frac on OH, scrmd out on stg 2; got 36,450 gals H2O + 37,050# 12/20 sd on formation
 11/19/96 - Ran csg inspection log which found possible hole @ 940'
 11/20/96 - Cnd out well to PBTD; Deepened well f/ 4,452 - 4,600'; RIH w/ pkr and RBP, tstd plug, held ok; tstd backside, leaked off; Isolated csg leak b/w 925 - 54'; POH w/ RBP & pkr and RIH w/ CIBP; set same @ 4,175'; Pmpd 50 sx Cl 'C' cmt with 2.8 bbls in leak, pres. up; drld out cmt and sqz would not hold; Re-sqzd; Drld out cmt and tstd csg to 750#, held ok for 15 min, Drld and pushed CIBP to 4,600'; RIH & set pkr @ 4,175'; Pmpd 250 gals Xylene + 3,500 gals 15% acid + 1,300# RS; Rltd pkr and RIH w/ inj pkr and tbq; Set pkr @ 4,151'; put well on injection
 11/24/01 - tstd csg to 380 psi; held ok
 7/15/2011-Flow well down. RIH w/ 5-1/2" pkr hit tight spot in csg @ 824-831' worked through
 Set RBP @ 4139' & pkr @ 4117'. Tested RBP to 1000 psi 10 times - OK.
 Casing leaks @ 831'-863'. Lost 100 psi in 2 mins. Csg leaks @ 105'-113'.
 RIH & set 5-1/2" CIBP @ 4160' & dump bail 35' cmt on top. LD 2-3/8" tbq
 NU wellhead & w/ 4'- 2-3/8" tbq sub.

Formation Record

Top of Salt 1520'
 Base of Salt 2655'



Plug Back Depth	4,596'
Total Depth	4,600'

Wellbore Diagram

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 Field Name Maljamar (Grayburg San Andres)
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Surface Casing				
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Size (OD)	5 1/2"	Weight	15.5#	Depth
Grade		Sx. Cmt.	200 sx	TOC @
				3257'

Calculated

P&A Procedure

MIRU Pluggin rig

RIH & tag top of CIBP

Circ the hole with mud laden fluid

Perf the 5-1/2" csg at 2705' and sqz 25 sx Cl C cmt in/out of csg (cover 50' above and below base of salt).
 WOC and tag no lower than 2605'.

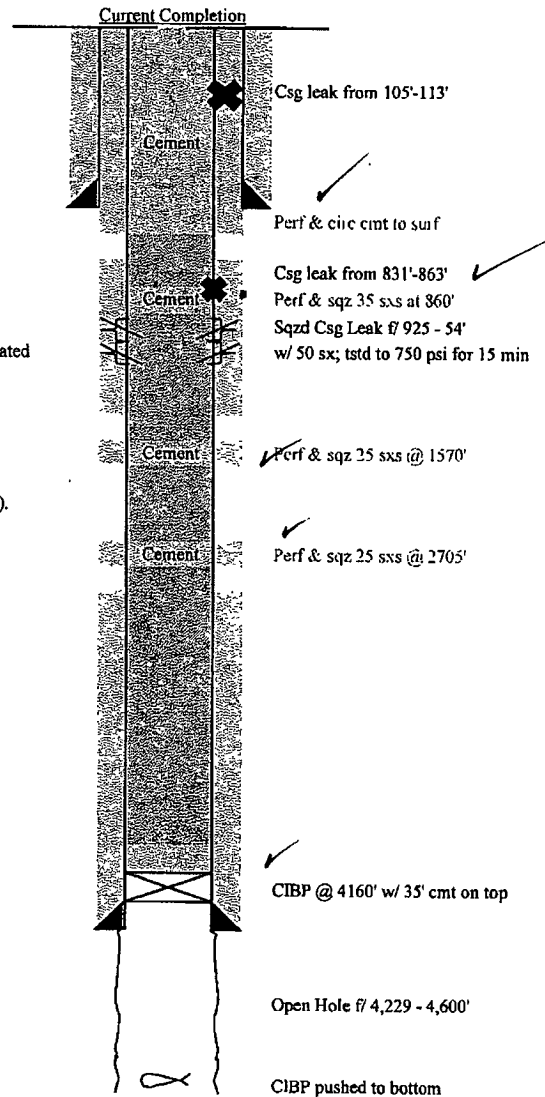
Perf the 5-1/2" csg at 1570' and sqz 25 sx Cl C cmt in/out of csg (cover 50' above and below top of salt).
 WOC & tag no lower than 1470'.

Perf the 5-1/2" csg at 860' & sqz 35 sx in/out of csg (25 sx inside 5-1/2" & displace 10 sx).
 WOC & tag no lower than 760'.

Perf the 5-1/2" csg at 351' and circ Cl C cmt in/out of csg to surf.
 WOC.

Set the dry hole marker and clean up location.

Formation Record
 Top of Salt 1520'
 Base of Salt 2655'



Plug Back Depth	4,596'
Total Depth	4,600'