

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

RECEIVED OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505 APR 30 2013		WELL API NO. 30-025-05252-01525 5. Indicate Type of Lease STATE ☒ FEE ☐ 6. State Oil & Gas Lease No. 7. Lease Name or Unit Agreement Name CAPROCK MALJAMAR UNIT 8. Well Number: 098 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 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>M</u> : <u>660</u> feet from the <u>S</u> line and <u>660</u> feet from the <u>W</u> line Section <u>28</u> Township <u>17S</u> Range <u>33E</u> NMPM LEA County 11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4,100' GR		RECEIVED APR 30 2013 HOBBSSOCD

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: CONDUCT STEP RATE TEST ☒

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 would like approval to perform a step rate test in 400 bpd increasing increments at 30 minutes for each step.

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: REGULATORY COMPLIANCE III DATE: APRIL 25, 2013

Type or print name TERRY B. CALLAHAN
For State Use Only

E-mail address: tcallahan@linnenergy.com

PHONE: 281-840-4272

APPROVED BY:

Accepted for Record Only

Conditions of Approval (if any):

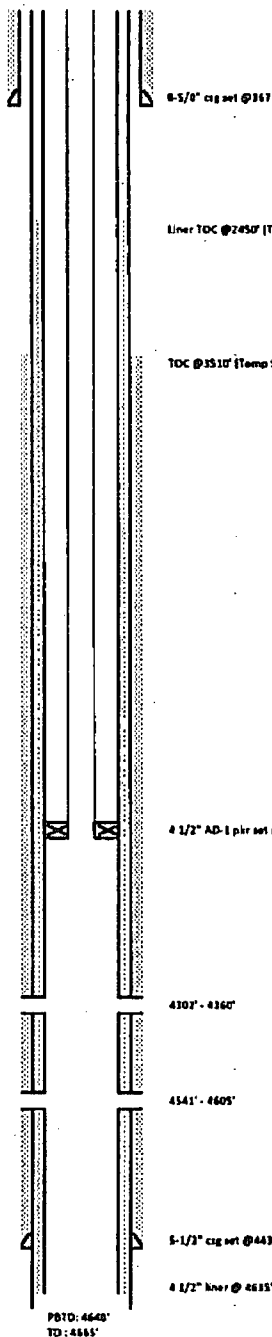
ELG 4-30-2013

DATE

APR 30 2013

	Location:
Location:	660 TSL & 660 TWY
Section:	7A-28-375-33E
Block:	
Survey:	
County:	log N/A
Lat/Long:	32 80011872726342 -103 874579157504
Field:	Melhamar Grayburg San Andres
	Elevations:
GL:	4100'
HB:	5431'
HD-GL Calc:	
ch m/log?	

Current Wellbore Diagram



Well Name:	CMU #38
API No:	30-025-01575
Spud Date:	10/23/1957
WTD Update:	M. Lake 12/10/12

Hole Size:	12-1/4"
Surf Csg:	(Ran 11 ft) 8-5/8", 240, 1-55 ST&C Csg
Cement Blend:	250 sa Regular and 2% Cgd
Return:	
TDC:	Cmt'd to surf

4-1/2" flush JJ River, ran River 8/surface to 4635'.

Linear TDC @ 2450° (Temp Srv)

g) Cement Blend:

Returns: .

Details of Preparations

4299-4315; 4323-4343; 4346-4362
4299-4312' (24 holes)
4274-4317' (23 holes)
(9/28/85) Added new perfs: 4120-40' (1 ISPF - 13 holes), 4168-86' (1 ISPF - 19 holes,
4234-38' (1 ISPF - 5 holes), 6266-70' (1 ISPF - 5 holes)

Acid or fracture Treatment Details

11/10/1951 4299-4337 20,000 Gellons lease oil & 22,000 sand
 11/18/1951 Spot acid from 4350-4422. Perf w/ shot per foot: 4299-4332, 4374-4381,
 4344-4348. Treated perf w/500 gals of 15% acid. Swabbed 49 bhw.
 Free w/70,000 gals gelled brine & 22,000 sand
 11/21/51 Treated perfs w/6000 gals. 15% Hefe acid, 730 SFC m2/bbl, 4000 rock salt, and
 4000 benzoic flakes in stages
 11/30/51 Treated perfs w/110 gals. Scale preventative mixed in 150 BTW.
 [7/29/56] Acidized Grayburg San Andres 4128-4337 w/5400 gals 15% ME-IE acid w/3000
 rock salt, 4000 benzoic flakes w/110 gals
 [8/19/56] RU Ref Chemical & acidized w/4000 gals. 15% anti-sludge acid w/3000 rock salt

Tubing Detail	
Joints	Description
	2 3/8" OPC tubing
Depth	4700'

[illegible]

Hole Size:	7-3/4"
Prod Csg:	(Ran 137 jts) 5-1/2", 15 SS, 1-SS
Capacity (bbl/r):	
Cement Blend:	200 lbs incor + 300 gal cement

Returns:
 Displacement:
 Preflush:
 Depth
 TOC
 Lead Cement Blend:

Tall Corners Blend: