

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
Revised July 18, 2013

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-025-01457
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 018
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.

HOBBS OCD

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

APR 24 2015

4. Well Location Unit Letter I : 1980 feet from the S line and 660 feet from the E line Section 18 Township 17S Range 33E NMPM LEA County	11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4201' GL
---	--

RECEIVED

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 ☐
CLOSED-LOOP SYSTEM ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMPLETION ☐
CASING ☐
OTHER ☐
E-PERMITTING <SWD INJECTION>
CONVERSION _____ RBDMS _____
RETURN TO _____ TA _____
CSNG _____ CHG LOC _____
INT TO P&A ☒ P&A NR _____ P&A R _____

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.

The subject well failed an MIT during the annual UIC testing. A shallow casing leak was isolated and cement squeezed twice. The interval is still losing pressure. LINN respectfully proposes to permanently plug and abandon this well.

*See Attached Well Bore Diagrams

Spud Date:

Rig Release Date:

The Oil Conservation Division
MUST BE NOTIFIED 24 Hours
Prior to the beginning of operations

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

Laura A. Moreno

TITLE REG COMPLIANCE ADVISOR DATE 04-20-2014

Type or print name LAURA A. MORENO E-mail address: lmoreno@linnenergy.com PHONE: 713-904-6657

For State Use Only

APPROVED BY:

Mary Brown

TITLE

Dist. Supervisor

DATE

4/28/2015

Conditions of Approval (if any):

MAY 01 2015

dm

CAPROCK MALJAMAR UNIT #018 (30-025-01457)

PROPOSED PLUGGING PROCEDURE

- 1) MIRU plugging unit.
- 2) RIH w/bit and scraper to top of RBP. Circ clean and recover RBP.
- 3) RIH w/CIBP, set @ 4160'. Cap w/25'cmt.
- 4) Circulate well with mud laden fluid.
- 5) Perf and sqz w/30 sx cmt @ 2600'. WOC and tag.
- 6) Perf and sqz w/30 sx cmt @ 1475'. WOC and tag.
- 7) Perf and sqz w/75 sx cmt @ 390'. WOC and tag.
- 8) Perf and sqz @ 150'. Circulate cement to surface.
- 9) RDMO plugging unit
- 10) Cut off wellhead weld on dry hole marker

OR PERF@390' SQZ W/ SUFFICIENT
CEMENT TO CIRC TO SURFACE.



NM P&A Schematic

Well Name: CAPROCK MALJAMAR UNIT 018

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3002501457	PBNM - PB - CAPROCK MALJAMAR	Lea	NM	18	017-S	033-E		
Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
4,216.00	4,216.00	0.00	7/3/1958	7/19/1958	7/19/1958	32° 49' 57.504" N	103° 41' 43.764" W	Yes

Original Hole: 4/15/2015 9:37:45 AM

Original Hole Data

MD (ftKB)	Vertical schematic (actual)	Wellbores
0.0		North-South Distance (ft) 1,980.0 NS Flag FSL East-West Distance (ft) 660.0 EW Flag FEL
149.9	Perforated; 150.0; PROPOSED	Casing/Strings
332.0		Csg Des Surface Set Dept... 332.0 OD Nom... 9 5/8 ID Nom... 8.921 Wt/Len (lb) 36.00 String Grade J-55 Run Date 7/3/1958
390.1	Perforated; 390.0; PROPOSED	Csg Des Production Set Dept... 4,606.3 OD Nom... 5 1/2 ID Nom... 5.012 Wt/Len (lb) 14.00 String Grade J-55 Run Date 7/19/1958
1,450.1		Cement/Stages
1,472.1		Description Cement Plug Top (ftKB) 4,602.0 Btm (ftKB) 4,606.3 Eval Method Comment PBTB
1,475.1	Perforated; 1,475.0; PROPOSED	Description Surface Casing Cement Top (ftKB) 0.0 Btm (ftKB) 332.0 Eval Method Returns to Surface Comment 200 sx cmt circulated to surface
1,595.9		Description Production Casing Cement Top (ftKB) 3,578.0 Btm (ftKB) 4,606.3 Eval Method Calculated Comment Cmt w/ 270 sx total (150 sx 4% gel + 120 sx class C). TOC @ 3866' (calc). Assumes 1.32 cu ft/sx and 50% fillup.
2,500.0		Description Cement Plug Top (ftKB) 4,135.0 Btm (ftKB) 4,160.0 Eval Method Tag Comment CIBP @ 4160' PROPOSED - Cap w/ 25' cmt on CIBP TOC @ 4135' (Tag)
2,551.8		Description Cement Plug Top (ftKB) 2,552.0 Btm (ftKB) 2,600.0 Eval Method Tag Comment PROPOSED - Perf @ 2600' Sqz 30 sx cmt @ 2600' TOC @ 2552' (Tag)
2,600.1	Perforated; 2,600.0; PROPOSED	Description Cement Squeeze Top (ftKB) 2,552.0 Btm (ftKB) 2,600.0 Eval Method Tag Comment PROPOSED - Perf @ 2600' Sqz 30 sx cmt @ 2600' TOC @ 2552' (Tag)
2,977.0		Description Cement Plug Top (ftKB) 1,450.0 Btm (ftKB) 1,475.0 Eval Method Tag Comment PROPOSED - Perf @ 1475' Sqz 30 sx cmt @ 1475' TOC @ 1450' (Tag)
3,578.1		Description Cement Squeeze Top (ftKB) 1,450.0 Btm (ftKB) 1,475.0 Eval Method Tag Comment PROPOSED - Perf @ 1475' Sqz 30 sx cmt @ 1475' TOC @ 1450' (Tag)
3,640.1		Description Cement Plug Top (ftKB) 332.0 Btm (ftKB) 390.0 Eval Method Tag Comment PROPOSED - Perf @ 390' Sqz 75 sx cmt @ 390' TOC @ 332' (Tag)
4,075.1		Description Cement Plug Top (ftKB) 0.0 Btm (ftKB) 150.0 Eval Method Tag Comment PROPOSED - Perf @ 150' Circ cmt to surface
4,134.8		Description Cement Squeeze Top (ftKB) 332.0 Btm (ftKB) 390.0 Eval Method Tag Comment PROPOSED - Perf @ 390' Sqz 75 sx @ 390' TOC @ 332' (Tag)
4,160.1		Description Cement Squeeze Top (ftKB) 0.0 Btm (ftKB) 150.0 Eval Method Tag Comment PROPOSED - Perf @ 150' Circ cmt to surface
4,162.1		Other In Hole
4,216.9		Des Junk Top (ftKB) 4,466.0 Btm (ftKB) 4,602.0 Run Date 3/24/2010 Comment Unknown junk in hole. Tagged up 2010.
4,222.1		CIBP 4,160.0 4,162.0 4/15/2015 PROPOSED
4,388.1	Perforated; 4,222.0-4,560.0	
4,454.9		
4,455.9		
4,560.0		
4,602.0		
4,606.3		



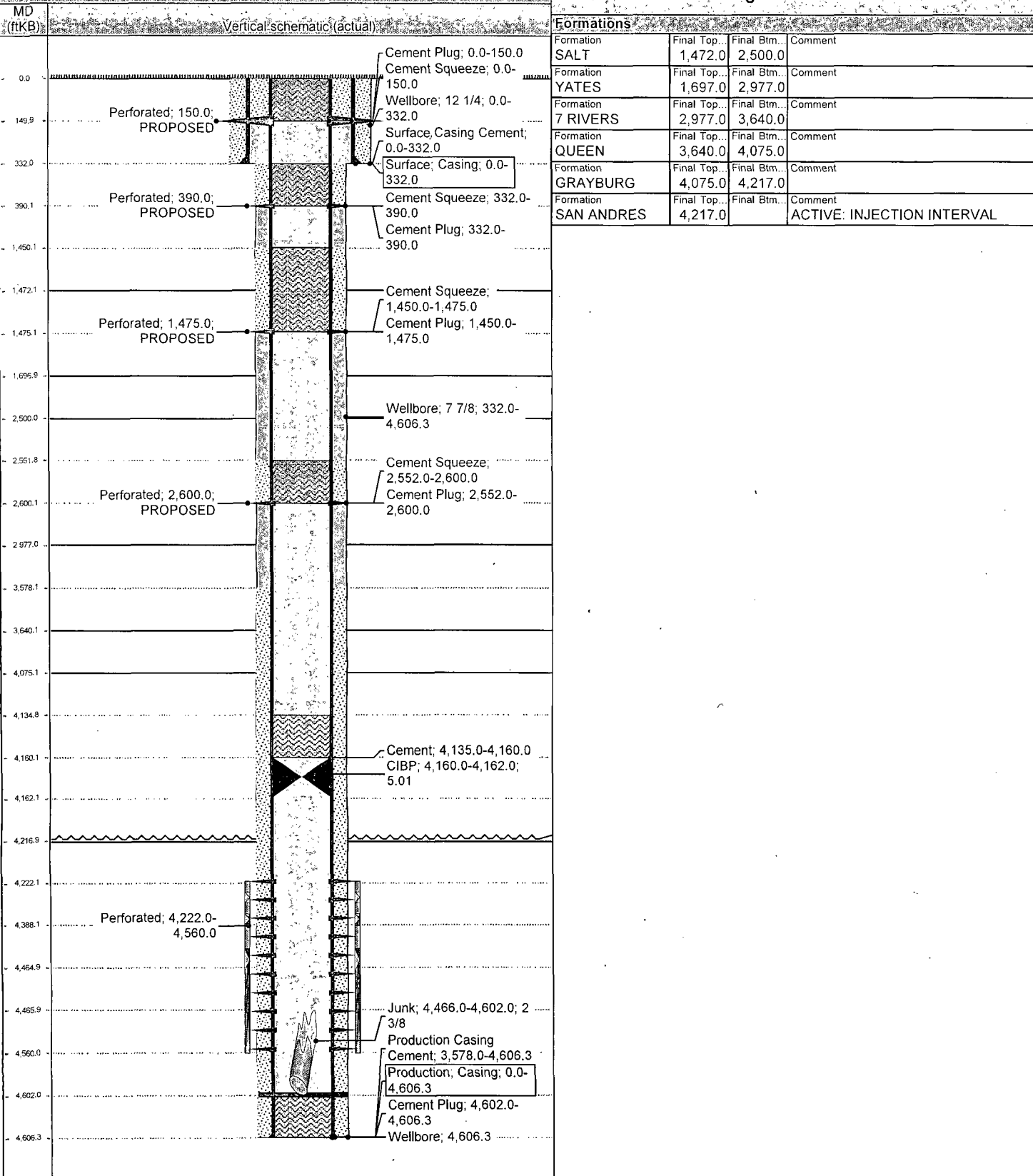
NM P&A Schematic

Well Name: CAPROCK MALJAMAR UNIT 018

API/UWI 3002501457	Field Name PBNM - PB - CAPROCK MALJAMAR	County Lea	State/Prov NM	Section 18	Township 017-S	Range 033-E	Survey	Block
Ground Elevation (ft) 4,216.00	Orig KB Elev (ft) 4,216.00	KB-Grd (ft) 0.00	Initial Spud Date 7/3/1958	Rig Release Date 7/19/1958	TD Date 7/19/1958	Latitude (°) 32° 49' 57.504" N	Longitude (°) 103° 41' 43.764" W	Operated? Yes

Original Hole: 4/15/2015 9:37:45 AM

Original Hole Data





NM P&A Schematic

Well Name: CAPROCK MALJAMAR UNIT 018

API/UWI	Field Name	County	State/Prov	Section	Township	Range	Survey	Block
3002501457	PENM - PB - CAPROCK MALJAMAR	Lea	NM	18	017-S	033-E		
Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Initial Spud Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operated?
4,216.00	4,216.00	0.00	7/3/1958	7/19/1958	7/19/1958	32° 49' 57.504" N	103° 41' 43.764" W	Yes

Original Hole: 4/15/2015 8:40:54 AM

Original Hole Data

MD (ftKB)	Vertical schematic (actual)	Wellbores
-----------	-----------------------------	-----------

North-South Distance (ft)	NS Flag	East-West Distance (ft)	EW Flag
1,980.0	FSL	660.0	FEL

Casing/Strings						
Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...)	String Grade	Run Date
Surface	332.0	9 5/8	8.921	36.00	J-55	7/3/1958
Csg Des	Set Dept...	OD Nom...	ID Nom...	Wt/Len (l...)	String Grade	Run Date
Production	4,606.3	5 1/2	5.012	14.00	J-55	7/19/1958

Cement Stages					
Description	Top (ftKB)	Btm (ftKB)	Eval Method	Comment	
Cement Plug	4,602.0	4,606.3		PBTD	
Description	Top (ftKB)	Btm (ftKB)	Eval Method	Comment	
Surface Casing Cement	0.0	332.0	Returns to Surface	200 sx cmt circulated to surface	
Description	Top (ftKB)	Btm (ftKB)	Eval Method	Comment	
Production Casing Cement	3,578.0	4,606.3	Calculated	Cmt w/ 270 sx total (150 sx 4% gel + 120 sx class C). TOC @ 3866' (calc). Assumes 1.32 cu ft/sx and 50% fillup.	

Other In Hole					
Des	Top (ftKB)	Btm (ftKB)	Run Date	Com	
Junk	4,466.0	4,602.0	3/24/2010	Unknown junk in hole. Tagged up 2010.	

Formations					
Formation	Final Top...	Final Btm...	Comment		
SALT	1,472.0	2,500.0			
Formation	Final Top...	Final Btm...	Comment		
YATES	1,697.0	2,977.0			
Formation	Final Top...	Final Btm...	Comment		
7 RIVERS	2,977.0	3,640.0			
Formation	Final Top...	Final Btm...	Comment		
QUEEN	3,640.0	4,075.0			
Formation	Final Top...	Final Btm...	Comment		
GRAYBURG	4,075.0	4,217.0			
Formation	Final Top...	Final Btm...	Comment		
SAN ANDRES	4,217.0		ACTIVE: INJECTION INTERVAL		

