Office	State of New Me			Form C-103
District 1 = (575) 393-6161	Energy, Minerals and Natu	ural Resources		October 13, 2009
1625 N French Dr., Hobbs, NM 88240 HO	BBS OCD		WELL API NO.	
<u> </u>	OIL CONSERVATION	JDIVISION	30-025-33269	•
	1 131 50, 7110314, 7111 00210		5. Indicate Type of Lease	
1000 Rio Brazos Rd., Aztec, NM 87410	0 6 2012220 South St. Fran		STATE STATE	
<u>District IV</u> - (505) 476-3460	Santa Fe, NM 8	7505	6. State Oil & Gas Lease No),
1220 S St. Francis Dr , Santa Fe, NM	OF D 1000			
	CEIVED ES AND REPORTS ON WELLS	~	7 Laga Nama on Unit Agre	amont Nama
SUNDRY NOTICE (DO NOT USE THIS FORM FOR PROPOSA		-	7. Lease Name or Unit Agre	eement Name
DIFFERENT RESERVOIR. USE "APPLICA"			G L DD G GW N (A L L L N (A D L	D. LICE
PROPOSALS.)		ok 500H	CAPROCK MALJAMAR U	JNH
1. Type of Well: Oil Well 🛛 G	as Well 🔲 Other		8. Well Number: 191	
2. Name of Operator			9. OGRID Number 269324	
LINN OPERATING, INC.	•			
3. Address of Operator			10. Pool name or Wildcat	. /
600 TRAVIS, SUITE 5100, HOUST	ON, TEXAS 77002		MALJAMAR;GRAYBURG	-SAN
,	•		ANDRES	
4. Well Location				
	4feet from theN	line and	2472 feet from the	E line
1				
Section 19	Township 17S	Range 33		County
	11. Elevation (Show whether DR	R, RKB, RT, GR, etc		
	4100' GR			
12. Check Ap	opropriate Box to Indicate N	Nature of Notice.	Report or Other Data	
1	1 1		F	
NOTICE OF INT	ENTION TO:	SUE	SEQUENT REPORT C)F:
PERFORM REMEDIAL WORK	PLUG AND ABANDON 🛛	REMEDIAL WOR		G CASING 🔲
	CHANGE PLANS		ILLING OPNS. P AND A	
	00=, E0	1		<u></u>
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CAPROCK MALJAMAR UNIT #191 PROPOSED P&A PROCEDURES ITEM #13 FROM C-103 NOI

P&A Procedure

- MIRU Plugging company
 Unseat TAC & POOH w/ tubing, rods & pump.
 PU bit & scraper, RIH & tag. Clean out to top of CIBP if needed.
 RIH w/ CIBP & set at 3,970' w/ 35 sxs cmt on top.
 Circ hole w/ mud laden fluid.

- 6. RIH to 2,418' & spot a 25 sx plug (covers 50' above & below the base of the salt).
- 7. WOC & tag no lower than 2,318.
- 8. Perf the 5-1/2" csg @ 1,364' & sqz 25 sxs cmt (covers 50' above & below the top of the salt).
- 9. WOC & tag no lower than 1,264'.
- 10. Perf the 5-1/2" csg @ 550' & circ cmt to surface.
- 11. WOC.
- 12. Install dryhole marker & clean up location.

		Curi	rent Wellbore Schematic		
Well Name Location.	CMU 191 G-19-17S-33E	2474 FNL 2472 FE	Date Prepared. EL Last Updated	5-Dec-11	K. Murphy
	<u> </u>		Spud Date	8-Mar-96	
API#.	30-025-33269		RR Date:		
	0001110	44001	Spud Date to RR Date:		
Elevations ¹	GROUND	4100' 4108'	Completion Start Date:		
epths (KB):	KB: PBTD:		Completion End Date Completion Total Days		
eptilis (ND).	TD:		Co-ordinates		
		Hole Size	Surface Casing 3-9-96:		
rf Csg		12-1/4"	8-5/8", 23#, ST&C set @ 496'		
/8"			Cmt w/ 300 sxs Cl C - circ 60 sxs to pit TOC @ Surf	*** · ·	
@ 496' C @ Surf		7-7/8"	Production Casing 3-15-96.		
J W Sull		1-110	144 jts 5-1/2", 17# J-55 set @ 4776'		
			Cmt w/ 800 sxs Halli Lite, Tail. 300 sxs CI C		
	4		TOC @ 2160' (CBL)		
			100 @ 2100 (002)		
			Tubing:	Length (ft)	<u>Bottom</u>
			KB	8'	0004
			126 jts 2-7/8" 6.5# EUE tbg	3626	3634
	.		1- 2-7/8" x 5-1/2" TAC 10- 2-7/8" 6 5# EUE tbg	3.1 295	3637 3932
			1- 2-7/8" SN	1.1	3933
			1- 2-7/8" Perf sub	4 10	3937.00
	1		1- 2-7/8' 6.5# EUE tbg	30 00	3767.00
			1- 2-7/8" bull plug	0.60	3967.00
		TOC @ 2160' (CBL)	Rods & Pump:		
		.55 @ 2.55 (522)	1- 1-1/2" PR w/ 14' liner	22.00	30.00
	!		1-2-7/8" Rod sub	2.00	32 00
	1	· ·	1- 4' x 7/8" Rod sub	4.00	36.00
	'		75- 7/8" Rods, Grade D	1875.00	1911 00
	1		80- 3/4" Rods, Grade D	2000	391 1
	1	1.	1- 1" x 2' lift sub	1	3912
		•	1- 2-1/2" x 1-1/2" x 20' RHBC w/ 4' plunger	20	3932
			1- 1-1/2" x 6' GA	20	3932
		TAC @ 2627!	Notes:		
	K >	TAC @ 3637'	Couldn't get past 4280' Top of Salt - 1314'		
			Base of Salt - 2368'		
	·		Dasc of Galt 2000		
		* Parted csg @ 3980			
	'	Swedged out	San Andreas Upper Jackson - 4466',87,89,90,91,92, 93 (8 holes)		
	 -	- 14040 40071	San Andreas Lower Jackson - 4307,24,25,26,27,28,34,80, 4408 (9 ho		
	0	o 4046-4307'	Grayburg - 4046,50,51,52,4116,17,18,65,66,68,75,76,4211,15,40,46,5	53,56,59,61,63,67,74,8	0 (24holes)
	10				
		CIBP @ 4320' o 4324'-4493'			
	0	0 4324 -4433			
	I				
duction Csg					
2"					
duction Csg '2" @ 4776' C @ 2160'	A PBTD @'				

Wellbore Schematic - Proposed P&A Date Prepared. 5-Dec-11 K. Murphy Well Name: CMU 191 2474 FNL 2472 FEL Last Updated: Location. G-19-17S-33E Spud Date: 8-Mar-96 30-025-33269 RR Date API#. Spud Date to RR Date: Completion Start Date: **GROUND:** 4100' Elevations Completion End Date: 4108 KB: Depths (KB) PBTD: 4320' Completion Total Days: Co-ordinates: TD: 4775 Surface Casing 3-9-96: Hole Size 8-5/8", 23#, ST&C set @ 496 12-1/4" Surf Csg Cmt w/ 300 sxs Cl C - circ 60 sxs to pit 8-5/8" TOC @ Surf Set @ 496' Production Casing 3-15-96: TOC @ Surf Circ cmt to sur 7-7/8" 144 jts 5-1/2", 17# J-55 set @ 4776 Cmt w/ 800 sxs Halli Lite, Tail 300 sxs CI C TOC @ 2160' (CBL) Perf @ 550' & cirf cmt to surf Tubing: Bottom Mud-Length (ft) ΚB 8' 126 its 2-7/8" 6 5# EUE tbg 3626 3634 25 sxs 🕦 1- 2-7/8" x 5-1/2" TAC 3 1 3637 Perf & sqz 25 sxs @ 1364' 10- 2-7/8" 6 5# EUE tbg 295 3932 1- 2-7/8" SN 1 1 3933 1- 2-7/8" Perf sub 3937 00 4 10 1- 2-7/8' 6 5# EUE tbg 30 00 3767 00 1- 2-7/8" buil plug 0 60 3967 00 Mud Rods & Pump: TOC @ 2160' (CBL) 1- 1-1/2" PR w/ 14' liner 22.00 30.00 1-2-7/8" Rod sub 2 00 32 00 1- 4' x 7/8" Rod sub 4 00 36 00 75- 7/8" Rods, Grade D 1875 00 1911 00 80- 3/4" Rods, Grade D 2000 3911 25 sxs 1- 1" x 2' lift sub 1 3912 Spot a 25 sx plug @ 2418 1- 2-1/2" x 1-1/2" x 20' RHBC w/ 4' plunger 20 3932 1- 1-1/2" x 6' GA 3932 Notes: Mud Couldn't get past 4280' Top of Salt - 1314' Base of Salt - 2368 35 sxs Perforations: CIBP @ 3970' w/ 35 sxs cmt * Parted csg @ 3980 San Andreas Upper Jackson - 4466',87,89,90,91,92, 93 (8 holes) San Andreas Lower Jackson - 4307,24,25,26,27,28,34,80, 4408 (9 holes) Swedged out 0 Grayburg - 4046,50,51,52,4116,17,18,65,66,68,75,76,4211,15,40,46,53,56,59,61,63,67,74,80 (24holes) 4046-4307 0 0 P&A Procedure: CIBP @ 4320' 6 O 4324'-4493' MIRU plugging rig. Unseat TAC & POOH with tubing, rods, and pump

WOC
Instal dryhole maker & clean up location.

Perf the 5-1/2" csg @ 1364' & sqz 25 sxs cmt (covers 50' above & below the top of the salt)

PU bit & scraper, RIH and tag. Clean out to top of CIBP if needed.

RIH to 2418' & spot a 25 sx plug (covers 50' above & below the base of the salt)

RIH w/ CIBP and set @ 3970' w/ 35 sxs cmt on top

Perf the 5-1/2" csg @ 550' & circulate cmt to surface

Circ hole w/ mud laden fluid.

WOC & tag no lower than 2318'.

WOC & tag no lower than 1264'

PBTD @ 4320^t TD @ 4775^t

Production Csg

TOC @ 2160'

5-1/2" Set @ 4776'