Office State of New Mexico			Form C-103		
District I – (575) 393-6161 HOBBS OCE mergy, Minerals and Natural Resources		October 13, 2009			
1625 N French Dr., Hobbs, NM 88240 District II – (575) 748-1283			WELL API NO.		
811 S. First St., Artesia, NM 882 OF C 10 9 20 PIL CONSERVATION DIVISION			30-025-00499		
District III - (505) 334-6178 1000 Rio Brazos Rd., Aztec, NM 87410 1220 South St. Francis Dr.			5. Indicate Type of Lease STATE FEE	□ repo′	
District IV – (505) 476-3460 Santa Fe. NM 87505			STATE FEE 6. State Oil & Gas Lease No.	FED FED	
1220 S. St Francis Dr., Santa Fe, NIRECEIVED		;	or other on a das Lease No.		
SUNDRY NOTICES AND REI	PORTS ON WELL	2	7. Lease Name and L. A.		
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A			7. Lease Name or Unit Agreen	nent Name	
DIFFERENT RESERVOIR USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS)			MALJAMAR GRAYBURG U	INIT	
1. Type of Well: Oil Well Gas Well Other INJECTION			8. Well Number: 051	/////	
2. Name of Operator			9. OGRID Number 269324		
LINN OPERATING, INC.			9. OGRID Number 269324		
3. Address of Operator			10. Pool name or Wildcat		
600 TRAVIS, SUITE 5100, HOUSTON, TEXAS 77002			MALJAMAR;GRAYBURG-SAN		
			ANDRES		
4. Well Location					
	n the <u>N</u>	line and198	80 feet from the W	line	
	Ownship 17S	Range 32E		County	
II. Elevation	(Show whether DR	R. RKB, RT, GR, etc.)		r se is.	
Tr. Americans Property of Conference of Conference of Property of Conference of Confer					
12. Check Appropriate B	ov to Indicate N	lature of Notice I	Panant on Other Date		
		fature of Notice, i	Report of Other Data		
NOTICE OF INTENTION T	O:	SUBS	SEQUENT REPORT OF:		
PERFORM REMEDIAL WORK 🔲 PLUG AND ABANDON 🔯 📗 REMEDIAL WORK 💢 🖂 ALTERING CASING					
TEMPORARILY ABANDON CHANGE PLANCE	ANS 🗀	COMMENCE DRIL	LING OPNS. P AND A	ī	
PULL OR ALTER CASING MULTIPLE CO	OMPL	CASING/CEMENT	JOB 🗌	_	
DOWNHOLE COMMINGLE					
OTHER:	П	OTHER:			
13. Describe proposed or completed operations	(Clearly state all	nertinent details, and	give pertinent dates, including a		
of starting any proposed work). SEE RULI	E 19.15.7.14 NMA(C. For Multiple Com	pletions: Attach wellbore diagra	stimated date	
proposed completion or recompletion.		•		01	
LINN proposed to P&A the Maljamar Grayburg Unit #51.					
21. We proposed to 1 text the Marjamar Grayburg Offit #31.			SUBJECT TO LIK		
			APPROVAL BY B	LM	
	P&A Procedures	are attached.			
	, J +	or will start and			
		A STATE OF THE PARTY OF THE PAR			
Spud Date:	<u> </u>	1	·		
Spud Date:	Rig Release Da	ite:			
			·		
hereby certify that the information above is true and	d annual state of all all				
more by certary matchine information above is true and	i complete to the be	est of my knowledge	and belief.		
SIGNATURE STUSS. CHILLAGE					
SIGNATURE OUT P. CAULA OU	PITLE: REGI	ULATORY SPECIA	<u>LIST III</u> DATE <u>DECEMBER</u>	8 2011	
Topo a series and the series and the series are series are series are series and the series are se		***************************************		0, 2011	
Type or print name <u>TERRY B. CALLAHAN</u> E-mai.	address: tcallahan	@linnenergy.com P	HONE: <u>281-840-4272</u>		
// //		_			
APPROVED BY:	TITLE	AH MES	DATE /2-12	-7011	
Conditions of Approval (if any):		- ETY	UNIE/C:C	<i>ا ا سك</i> .	
/ /					
/ /					

MALJAMAR GRAYBURG UNIT #051 API #(30-025-00499) P&A PROCEDURES ATTACHMENT

MIRU PLUGGING RIG.

POOH W/TBG SUB

RIH & SET A CIBP @ 3850'.

CIRC HOLE CLEAN W/ MUD LADEN FLUID.

PUMP CEMENT TO 3600'.

RIH TO 2060' & PERF & SQZ 25 SXS CMT (THIS COVERS 50' ABOVE & BELOW THE BASE OF THE SALT). WOC & TAG NO LOWER THAN 1960'.

RIH TO 1120' & PERF & SQZ 25 SXS (THIS COVERS 50' ABOVE & BELOW THE TOP OF THE SALT). WOC & TAG NO LOWER THAN 1020'.

*RIH TO 400' & PERF BOTH THE 8-5/8" & 5-1/2" CSG STRINGS & ATTEMPT TO CIRC CMT TO SURFACE. *IF WE CANNOT ESTABLISH CIRCULATION, WE WILL NOTIFY THE BLM FOR FURTHER INSTRUCTION AT THIS TIME.

INSTALL DRYHOLE MARKER AND CLEAN UP LOCATION.

Wellbore Schematic - Proposed P&A Well Name Maljamar Grayburg Unit 51 Date Prepared 13-Oct-11 K Murphy 1980 FWL Location C-10-17S-32E 660 FNL Last Updated Spud Date 28-Feb-46 Lea County, NM RR Date API# 30-025-00499 Spud Date to RR Date 4173 Completion Start Date Elevations Completion End Date PBTD 4224 Depths (KB) Completion Total Days 4233' Co-ordinates TD Surface Casing Hole sıze 8-5/8" 32# csg set at 1056" 12-1/4" Surf Csg Cmt'ed w/ 50 sxs & 5 sxs aquagel TOC @ ~ 970' - Calculated assuming 12-1/4" hole, 1 18 yield, 70% eff Set @ 1056' Cmt to surface, Perf @ 400 & circ TOC @ ~ 970' cmt to surface Production Casing Hole size 7-7/8" 5-1/2" 15# set @ 3863" Cmt'ed w/ 100 sxs TOC @ 2980' - CBL Hole size Liner: 4" 11 34# liner set from 3719'-4232' 4-3/4" Cmt'ed w/ 200 sxs CI C Perf & sqz 25 sxs @ 1120' Circ 50 sxs to pit Mud Tubing. Length 2-3/8" x 4' tbg sub 25 sxs Perf & sqz 25 sxs @ 2060' 3903-4203 - 35 holes - Acidized w/ 3000 gals 15% NEFE acid - On 12/12/92 completion 7/24/00 Perf Grayburg. 3903, 05, 09, 17, 18, 34, 37, 40, 43, 44, 54, 55, 56, 68, 82, 85, 4008 09, 19, 20, 30-35, 40, 41, 48, 57, 58, 61, 68, 69, 70 TOC @ 2980' - CBL P&A Procedure: MIRU plugging ng POOH with tbg sub RIH & set a CIBP at 3850' Circ the hole with mud laden fluid Pump cmt to 3600' RIH to 2060' and perf & sqz 25 sxs cmt (this covers 50' above & below the base of the salt) WOC & tag no lower than 1960' Mud RIH to 1120' and perf & sqz 25 sxs (this covers 50' above & below the top of the salt) WOC & tag no lower than 1020' *RIH to 400' and perf both the 8-5/8" & 5-1/2" casing strings and attempt to circulate cmt to surface

*If we cannot establish circulation we will notify the BLM for further instructions at this time Install dryhole marker & clean up location Production Csg 5 1/2" Set @ 3863' Pump cmt to 3600 TOC @ 3600° TOC @ 2980' CIBP @ 3850' Liner 3903-4203 Set from 3719'-4232'

TD 4233