Office Office	State of New Mexico			Form C-103 October 13, 2009						
<u>District I</u> - (575) 393-6161	Energy, Minerals a	ınd Natu	ral Resources	WELL ADIAL		Octo	ber 13, 2	009		
1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> – (575) 748-1283				WELL API N	J. /			ł		
811 S. First St., Artesia, NM 88210	OIL CONSERVATION DIVISION				30-025-00664 5. Indicate Type of Lease					
<u>District III</u> - (505) 334-6178	1220 South	St. Fran	icis Dr.	STATE	_	FEE		ED		
1000 Rio Brazos Rd., Aztec, NM 87410	Santa Fe,	. NM 87	505	6. State Oil &			<u> </u>	ED		
<u>District IV</u> – (505) 476-3460 1220 S. St. Francis Dr., Santa Fe, NM		, 1 1111 07		o. State Off &	Oas Leas	SC INO.	_			
87505										
	ICES AND REPORTS ON			7. Lease Nam	e or Unit	Agreeme	nt Nam	e		
(DO NOT USE THIS FORM FOR PROPO DIFFERENT RESERVOIR. USE "APPLIA							_ /	·		
PROPOSALS.)				CAPROCK N		<u>AR UNI'</u>	<u>Γ΄</u>			
1. Type of Well: Oil Well	Gas Well Other INJ	JECT101	is ocp	8. Well Numb	er: 36			l		
2. Name of Operator				9. OGRID Nu	mber 26	9324				
LINN OPERATING, INC.		<u> May 3</u>	1 2013			···				
3. Address of Operator				10. Pool name	e or Wildo	cat				
600 TRAVIS, SUITE 5100, HOUS	STON, TEXAS 77002	m	_	MALJAMAR;GRAYBURG-SAN						
		REC	EIVED	ANDRES						
4. Well Location							-			
Unit Letter A; 6	60 feet from the	<u>N</u>	line and	660feet fro	om the	<u>E</u>	lin	е		
Section 24	Township	17S	Range 3	2E NM	IPM	LEA	Coun	ıty		
A COLOR	11. Elevation (Show who	ether DR,	RKB, RT, GR, etc	2.)						
	4,095' GR			100		4-1-1		100		
12. Check A	Appropriate Box to Inc	dicate N	ature of Notice	. Report or Otl	ner Data					
				•						
NOTICE OF IN	ITENTION TO:		SU	BSEQUENT I	REPOR	T OF:				
PERFORM REMEDIAL WORK 🛛	PLUG AND ABANDON		REMEDIAL WO			RING C				
TEMPORARILY ABANDON	CHANGE PLANS			zgrowaldnjectio						
PULL OR ALTER CASING	MULTIPLE COMPL		CASING/CEME	Packer shall be	ot within	or loss	than 16	aa .		
DOWNHOLE COMMINGLE			11.0 C	I acker shall be	oct Airmii	I OI 1699	tuan it	JU		
OTHER DE		5 21	feet of t	he uppermost in	jection p	erfs or o	pen ho	<u>∤e</u> .		
OTHER: RTI 13. Describe proposed or comp	alated operations (Clearly	state all r	OTHER:	nd give portinent	datas ina	luding	timated	data		
of starting any proposed w								uale		
proposed completion or rec		IT INVIAC	. To Multiple Co	ompictions. Atta	on wender	ic diagra	111 01			
proposed completion of rec	ompietion.									
POH W/ TBG & PACKER,	CLEAN OUT FILL	ACIDI7	F & RTI							
	<u> </u>	, (0,0,1								
PLEASE SEE ATTACHED	DDODOSED DDOC	מוועםי	Ee							
PLEASE SEE ATTACHED	PROPOSED PROC	POOK	ES.	Condition of A	nnrova	l: notif	v			
	Division									
The Oil Conservation	Division			OCD Hobbs	office 24	a nours				
MUST BE NOTIFIED	24 Hours			ior of running	MITT	est & C	hart			
Spud Date: to the beginning o		elease Da	ite: P	Mi Aliannine		•				
Lifet to the ockining			<u> </u>							
			,							
I hereby certify that the information	above is true and complete	e to the be	est of my knowled	ge and belief.						
1) '			<i>G</i>						
MANIAK	'a /									
SIGNATURE VICTURE	TITL	E: <u>REG</u>	COMPLIANCE S	SPECIALIST III	_DATE <u>I</u>	MAY 30,	2013			
Type or print name <u>TERRY B. CAL</u>	<u>LAHAN</u> E-m	nail addre	ss: tcallahan@lin	nenergy.com	PHONE:	<u> 281-840-</u>	<u> 4272</u>			
For State Use Only	\supset I		,							
APPROVED BY: X		\sim	1.0		/		_	>		
APPROVED BY:	mimi i	~ / !—	ナナリイニン		D. A MINT	0 1	$\sim 10^{-2}$			
	TITLI	E ZZZ	Their		DATIO.	-3-2	01	<u> </u>		
Conditions of Approval (if any):	TITLI	E	These		DATIO.	3-2	OC			

Oil Conservation Division - Hobbs office: **Must be Notified 24 hours prior** to the beginning of Plugging Operations begin.

CMU #36

LEA COUNTY, NM

30-025-00664

05/30/2013

Project Scope: POH w/ Tbg and Pkr, clean out fill, acidize and RTI.

Well Procedure:

- 1. Test anchors prior to rigging up.
- 2. MIRU WO Rig and record casing and tubing pressure.
- 3. Bleed pressure off of well.
- 4. NU BOP.
- 5. Unset packer and TOOH with 2 3/8" tubing and 4" x 2 3/8" AD-1 packer.
- 6. RIH with workstring and bit and tag. Previous tag @ 4117'
- 7. Rig up reverse unit and cleanout. PBTD @ 4365'. Perf interval is 4015' 4327'.
- 8. POOH LD bit.
- 9. RIH with workstring and packer.
- 10. Perform acid job. Pump 1,800 gals of 15% NEFe HCl and 1500# rock salt.
- 11. POOH and LD workstring and packer.
- 12. PU 2-3/8" IPC injection tubing, and TIH with new Aero-set type packer with on/off tool landed at 3,980' (unset).
- 13. ND BOP.
- 14. Circulate packer fluid.
- 15. Set packer at 3,980'.
- 16. NU WH.
- 17. Conduct mock MIT to 500 PSI.
- 18. Notify foreman that the well is ready for a witnessed MIT.
- 19. RDMO.

Contact Information:

Well Name:	CMU #36]						
		J					Well Name:	CMU #36
		1	c.					30-025-00664
<u> </u>	Location: 660 FNL & 660 FEL			urrent			API No:	
Location			Wellbo	ore Diag	gram		Spud Date:	10/25/1958
Section:	A-24-17S-32E		204 824		tot tod		WBD Update:	5/9/2013 B. Williams
Block:		Į.	31 131	ll	M 🛭			450
Survey:	100	1	31 13	1 1			Hole Size:	15"
County: Lat/Long:	Lea	1	3 B	11	M 8	10-3/4", 32.75#	Surf Csg: Cement Blend:	10-3/4", 32.75# 175sxs
Field:	Maljamar Grayburg San Andres	1	34 N	11		set @175'	Depth:	175'
1.0.0.	Elevations:	1		11	M P	30.6112	TOC:	Circ to surf
GL:	4095'	1	. I⊗i	1 1				3,7 (7,7)
DF.	4106'	1	8	1 1			Hole Size:	
KB-GL Calc:				11			int Csg:	
ck w/log?		i		1 1			1111 1111	
		•	®	1 1			l	
Logging Require	ements:			11			Cement Blend:	
				1 1			\	
				11			Returns:	
L				1 1			Depth	
			. 🔝	ll			L	
Date			8	11				
10/25/1958	Spud well. Drilled 15" hole. Ran 10-3/4" csg set @1	75' and cmt'd w/175 sxs. Circ'd to surf	8	11			Details of Perforation	ins
11/12/1958	Drilled 7-7/8" hole. Ran 5-1/2", 15.5#, J-55 csg set @			1 I	8			_
1		Freated w/500 500 gal acid, 30L gals free oil, and 48K#			捌			
11/24/1958	sd			1			(11/24/1958) Perf'd	4154-62'; 4172-78'; and 4185-91' w/4 JSPF
11/24/1965	Perf'd 4274-81' and Acidized w/2000 gals acid						(11/24/1965) Perf'd	
11/28/1965	Perf'd 4137-40', 4110-1', 4121-24' w/18-3/8" holes			1 1			(11/25/1965) Perf'd	4137-40', 4110-1', 4121-24' w/18-3/8" holes
				1 1			(12/1/1965) Re-saz'	d perfs 4110-4191' w/200 sxs cmt. Perf'd 4014-13', 4029-31,
11/30/1965	Acidized perfs 4110-4191'			1 1	8		4075-78, 4110-14, 4	
12/1/1965	Re-sqz'd perfs 4110-4191' w/200 sxs cmt			1	М			51-61', 4172-78', 4185-96'.
25/2/2200			l 🔣	1 1			(4, 5, 2500)	32 02, 4272 70, 4265 351
12/7/1965	Perf'd 4014-13' 4029-31 4075-78 4110-14 4121'	and 4124'. Acidized perfs 4121-24' w/200 gals of acid	<u> </u>	1 1			(2/23/1994) Perf'd 4	015-4237' (25 holes)
12/10/1965	Acidized perfs 4029-31'; 4014-4018' w/200 gals acid			1 1	*		Acid or Fracture Tre	
1/5/1966	Perf'd 4151-61', 4172-78', 4185-96'. Treated perf's			1 1	8	TOC @2,780	ACIO OF FIACTORE TTE	aunent Details
2/3/1300	1 CT & 4252 02 4272 10 4205 30 : Heaten perio	4102 4100 H/ 000 Boll dela	i :::[8]	1 1		100 @2,700	(11/24/1958) Treat	ed (perf's 4154-62'; 4172-78'; and 4185-91') w/500 gal acid,
1/11/1966	Pumped perfs 4014-4281'. Recompleted Grayburg	after adding add'l perfs.		1 1			30L gals free oil, and	
8/4/1978	RIH w/5-1/2" CIBP w/junk pusher on 2-7/8" tbg, se	t BP @3950'. TA'd well						ed Perf's 4274-81' and w/2000 gals acid
	RIH w/2-7/8" thg to 3937'. Spotted 30sx cmt plug 3	t BP @3950'. TA'd well 950-3690'. Spotted 37sx cmt plug 2876-2510'. Sqz'd	l %[3]				, . ,	
12/1/1978	perfs 1225-1226 w/50 sx cmt.			1 1			(12/7/1965) Acidize	d perfs 4121-24' w/200 gals of acid
2/7/1994	Re-entry. Drilled and milled to 4377'/			1			(2/24/1994) Acidize	d perf's 4015-4327' w/3500 gal 15% NEFE acid
2/19/1994	Ran 4" 11.34# csg and set @4375. Cmt'd w/350sx.	Circ 75sx to pit		1			Perfs @ 4015, 17,77	,78,4111,12,21,23,25,38,39,58,59,71,76,77,87,
2/22/1994	Drilled out cmt to 4370'		1 361	1 1			4212,13,69,70,75,76	5,77,78,4301,02,14,15,26,27 (36 holes)
2/23/1994	Perf'd 4015-4327' (36 holes)			1 1				
2/24/1994	Acidized perf's 4015-4327' w/3500 gal 15% NEFE ad	cid	3 3	1 1				
3/1/1994	Set 4" pkr@3945' and held CIT (held good) RiH w/4"x2-3/8" AD-1 pkr. Set pkr@3953'	· · · · · · · · · · · · · · · · · · ·		1 1				
11/1/2010 11/17/2010	Ran MIT		ł %[8]	1 1				
11/1//2010	Nail (VII)		1 313	1 1				
	 		1 313	1 1				
			1 3131	1 1				
			1 343	1	98			Tubing Detail
			1 3161	1 1			Joints	Description
								2-3/8" plastic coated
 				1 [Pkr Depth	3953'
L	 							
) (M)	1 1				
							ļ	Rod Detail (top to bottom)
							Rods	Description
			l ∭	┧ ┡╴	.	5-1-10-1 - OCCCC	ļ	
			∤ ∦∤ ≚	1 ≥	41	Set AD-1 pkr @3953'	ļ	
 	 		23123		113	4.015.4.222		
 					<u></u>	4,015-4,327'	L	
	· · · · · · · · · · · · · · · · · · ·		<u> </u>		- E	New perfs down		
	 		20 E				Dumning Units	
 					l la	4,154-4,162' (sqz'd)	Pumping Unit:	
 	 		[<mark>47</mark> 2		12.00°	4,134-4,102 (542 G)		
 	 		1		ाँच	4,175-4,178' (sqz'd)		
 	<u> </u>		المتجا		24	-,113-4,110 (sqc d)		
	 		जिं		ाँच	4,185-4,191' (sqz'd)		
 	 		1 1		224	-,105-4,131 (342 a)		
H	 		l baid		ाँच	4,274-4,281' (sqz'd)		
	 				× × × × ×	4,2/4-4,201 (5Q2Q)		
					जिं	5-1/2", 15.5#		
1	†		1 311			prod csg set @ 4378'		
	 		1 24		l K	2100 CAB 3EL CF 43/0	Hole Size:	7 7/8"
 	 		233		1010	4", 11.34# liner	Prod Csg:	5-1/2", 15.5#, J-55
	 		4			- / mici	11 1000 1000	, 10.0m, 3 00

TD: 4380' PBTD: 4365'

set @4375'

Prod Csg: 5-1/2", 15.5#, 1-55

Capacity (bbl/ft):

Cement Blend: 400sxs

Returns:

TOC: Temp Survev @2780'

Depth 4378'

Hole Size: N/A

Int Csg: 4", 11.34#

Cement Blend: Cmt'd w/350 sx Circ 75 sx to pit