Submit 1 Copy To Appropriate District Office	State of New Mo	exico	Form C-103
<u>District I</u> – (575) 393-6161	Energy, Minerals and Natu	ıral Resources	October 13, 2009
1625 N. French Dr., Hobbs, NM 88240 District II – (575) 748-1283			WELL API NO. 30-015-05840
811 S. First St., Artesia, NM 88210	OIL CONSERVATION DIVISION		5. Indicate Type of Lease
<u>District III</u> – (505) 334-6178 1000 Rio Brazos Rd., Aztec, NM 87410	1220 South St. Fran		STATE FEE FED
District IV - (505) 476-3460	Santa Fe, NM 8	/505	6. State Oil & Gas Lease No.
1220 S. St. Francis Dr., Santa Fe, NM 87505		•	;
	CES AND REPORTS ON WELLS		7. Lease Name or Unit Agreement Name
(DO NOT USE THIS FORM FOR PROPOS DIFFERENT RESERVOIR. USE "APPLIC			STATE AA 2
PROPOSALS.)			STATE AA-2 8. Well Number: 001
	Gas Well Other SWD INJ		
2. Name of Operator LINN OPERATING, INC.			9. OGRID Number 269324
3. Address of Operator		<del></del>	10. Pool name or Wildcat
600 TRAVIS, SUITE 5100, HOUS	ΓΟΝ, TEXAS 77002		SWD;DELAWARE
4. Well Location			
Unit Letter A;	feet from the <u>N</u>	line and <u>660</u> _	feet from the <u>E</u> line
Section 2	Township 23S	Range 31E	
	,	, RKB, RT, GR, etc.,	
	3442'		
10 (1 1 4	'	T. Cht.	D O.1 D .
12. Check A	ppropriate Box to Indicate N	lature of Notice,	Report or Other Data
NOTICE OF IN	TENTION TO:	SUB	SEQUENT REPORT OF:
PERFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL WOR	
TEMPORARILY ABANDON	CHANGE PLANS		ILLING OPNS.□ P AND A □
PULL OR ALTER CASING	MULTIPLE COMPL	CASING/CEMEN	T JOB
DOWNHOLE COMMINGLE			
OTHER:		OTHER: RE	ETURN TO INJECTION
			d give pertinent dates, including estimated date
		C. For Multiple Co	mpletions: Attach wellbore diagram of
proposed completion or reco	ompletion.		
Please see attached	Procedure and Original	MIT Chart	
Trease see attached	Trocodure und Original	will Chart	RECEIVED
·		·	, "LOEIVED
			MAR <b>05</b> 2014
			NMOCD ARTESIA
Could Date:	Dia Balasa D		
Spud Date:	Rig Release D	ale:	
	·		
I hereby certify that the information a	above is true and complete to the b	est of my knowledg	e and belief.
Jan 201	Phillip TITLE: Regi	· , -	
SIGNATURE // James (VA)	TITLE: Regi	ulatory Compliance	Advisor DATE March 4, 2014
Type or print name Laura A Moreno	E-mail address: Imoreno@linner	nergy.com PHONE	713-904-6657
For State Use Only		<u></u>	
	1		
APPROVED BY: Reutages	1748 TITLE 6	mpciance (	DATE 3/5/14
Conditions of Approval (if any):			•

WELL NAME: STATE AA 2 #001

API: #30-015-05840

### ATTACHMENT TO C103 - #13. COMPLETED OPERATIONS

# 2/13/2014

MIRUPU. RU WLU. SET PLUG IN PROFILE NIPPLE. TESTED TUBING 1500 PSI; TESTED 5 ½" CASING INDICATATED CASING LEAK CIRC TO SURFACE

# 2/18/2014

ND WELL HEAD; RELEASE ON/OFF TOOL NU BOP; POH LAYING DOWN 3 1/2" FL 4S TUBING

# 2/19/2014

RIH W/5 ½" AD -1 PKR PICKING UP 30 JTS 2 7/8" TUBING; TESTED CASING 600 PSI POH TESTED CASING LEAKS 32' TO SURFACE. RIH W/RBP SET @ 2235' POH WS/TUBING DUMP 2 SXS SAND ON RBP

## 2/20/2014

ND SURFACE WELL HEAD SPEAR CASING; PULL ON CASING TO REMOVE SLIPS; 5 ½" CASING PARTED 14' DOWN, RIH W/SPEAR, LATCH ON CASING BACK, CASING OFF 56' DOWN; POH LAY DOWN CASING

# 2/21/2014

RIH W/2 JTS 5 ½" CASING, SCREW CASING ON OTHER CASING, CUT CASING NUBOP & CATCH PAN, TESTED CASING PSI (OK) TEST 8 5/8" SURFACE CASING FOUND HOLES, PREPARED TO DIG OUT

### 2/22/2014

MOVE IN WELDER; REPAIR HOLE IN 8 5/8" SURFACE CASING

# 2/25/2014

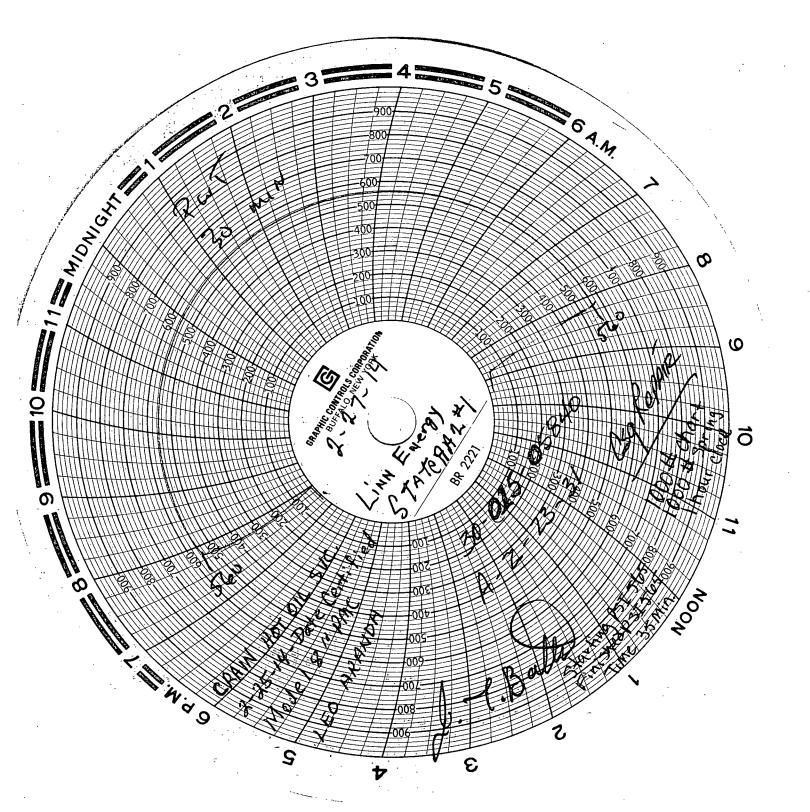
WELDER FINISHED REPAIRING SURFACE CASING, RIH W/RET. TOOL F/RBP 2 7/8" TUBING CIRC SAND OF RBP; UNSET RBP POH LD WS LOADED WS MOVE 2 7/8" IPC TBG ON RACKS

# 2/26/2014

RIH W/FL 22 ON-OFF TOOL PICKING UP 2 7/8" IPC TBG HAD FILL ON PKR CIRC OFF SPACE OUT TBG CIRC PKR FLUID ND BOP NU WH PREPARED TO TEST CASING

# 2/27/2014

RU WL, FISH PLUG OUT OF PKR RDPUMO RU HOT OILER; CONTACTED RICHARD INGE (ARTESIA OCD) APPROVED UNWITNESSED MIT 560 PSI F/32 MIN (OK) RTI



Well Name:	State AA-2 #001		
Location			
Surface:	660 FNL and 660 FEL		
Section:	Unit A, Section 02		
Block	23S-31E		
County:	Eddy		
State:	NM		
Lat/Long:	32.33874 - 103.74155		
Field:			
Elevations			
GL:	3442'		
DF.			
KB:	3452'		

Logging Requirements:	 	
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Date	History .
2/7/1961	Spud well.
2/18/1961	This well was dry and plugged and abandoned upon completion, 2/18/1961. Ran Gamma Ray- Sonic log, surface to 5190'. No oil, water or gas encountered. Set plugs at 4388-4464' w/ 25sxs; 4115-4185' w/ 20sxs; 849-920' w/ 20sxs; 321-380' w/ 20sxs; and 15sxs at surface. Erected 4" marker extending 4' above surface with well name and location inscribed thereon.
5/22/1997	Spud well,
5/23/1997	Drill and clean out 7-7/8" hole to prior TD at 5190' (Delaware)
5/25/1997	Reach TD at 5800'
5/26/1997	Run 5-1/2" csg and cmt to 2215' per temp survey.
7/19/1997	Perf'd and Frac'd 5558-5670' (350 holes)
7/22/1997	Perf'd and Frac'd 5354-5506' (372 holes)
8/7/1997	Perfd 5123-5282' (350 holes)
8/8/1997	Peri'd and Frac'd 4929-5118' (626 holes)
8/20/1997	Perfd and Fracid 4489-4611' (489 holes)
9/8/1997 10/1/2003	Date of first production - SWD  (To correct Notice of Violation dated 9/15/2003) Set plug in profile nipple, RU PU, NDWH, NU BOP.  Unset on/off tool, POOH w/ 3-12" FL-4"S" tbg. Had unscrewed off of on/off tool change over. RIH fish on/off tool, retrieved tool, RIH w 3-1/2" FL-4"S" tbg, testing to 2000#, circ pkr fluid, latched on to pkr, RU slickine rig, fished plug out of profile nipple. Test csg to 500# for 30min. Put well on linjection.
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Hole in csq @ 32' (Repair procedure at bottom) Surf csq set @ 380' TOC @ 2215' (TS) Pkr @ 4388' Perfs 4489-4611' Perfs 4929-5118 Perfs 5123-5282 Perfs 5354-5506 Perfs 5558-5670 Prod csg @ 5800 TD: 5800' PBTD: 5750'

Current Wellbore Diagram

Well Name:	State AA-2 #001	
API No:	30-015-05840	
Spud Date:	2/7/1961	
Prepared by:	L Willbanks	
Date:	1/27/2014	
Updated:	3/4/2014, L. Willbanks	

Hole Size:	12-1/4"	,
Surf Csq:	8-5/8", 24#	
Cement Blend:	175sxs	
Depth:	380'	
TOC:		

Hole Size:	7-7/8"	
Prod Csq:	5-1/2", 15.5#	
Cement Blend:	1600sxs	
Returns:		
Depth		
TOC:	2215' (temp survey)	

Details of Perforations

5558-5670'	350 holes
5354-5506'	372 holes
5123-5282	350 holes
4929-5118	626 holes
4489-4611	489 holes

#### Acid o 4489-4611

		,	
or Fracture Treatn	nent Detail	ls	

ment Details Frcd w/ 2000 gals 7-1/2%; 31,000 Gals VIK-I30; 61,000# SD Frcd w/ 2000 gals 7-1/2%; 64,218 Gals VIK-I30; 120,000# SD Frcd w/ 4500 gals 7-1/2%; 59,000 Gals VIK-I30; 120,000# SD 4929-5282

5558-5670'

	Tubing Detail	
Size	2-3/8"	
Joints	131	
Thread	•	
Depth		
Pkr Depth	4388'	

	Rod Detail (top to bottom)
Rods	Description .
	,

MIRU WSU TO REPAIR TBG OR PKR. LK. AFTER TESTING TBG. & PKR . BOTH (  $\mbox{OK})$ 

CSG. WAS TESTED AND FOUND THAT IT HA AS A HOLE @ 32' FROM SURFACE.

- 1. NIPPLE DOWN WELLHEAD TO PREP TO REPLACE TOP JT. OF CSG.
  2. MIRU WLS --RUN COLLAR LOCATOR
  3. PREP. CENTER SPEAR TO LIFT CSG. OFF SLIPS
  4. RU WLS TO SET OFF CHARGE TO BACK OFF TOP JOINT NT OF CSG.
  5. REMOVE TOP JT. REPLACE WITH NEW CSG.
  6. NIPPLE UP WELL HEAD. TEST CSG. (5/12)
  7. TEST 8.5/8 CSG TO INSURE GOOD SEAL V WITH 5/12 AND WELLHEAD
  8. RIH W/2 7/8 IPC TBG. CIRC. PKR. FLUID. LATCH ON TO PKR.
  9. MIRU RU WLS AND REMOVE BLANKING PLUG-PREP. WELL FOR INJ.
  10. NOTIFY OCD 24 HRS. BEFORE RUNNING MIT