

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED  
OMB NO 1004-0135  
Expires July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.***SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1 Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5 Lease Serial No NMLC054908
2 Name of Operator LINN OPERATING INCORPORATED E-Mail: tcallahan@linnenergy.com		6. If Indian, Allottee or Tribe Name
3a Address 600 TRAVIS STREET SUITE 5100 HOUSTON, TX 77002		7. If Unit or CA/Agreement, Name and/or No
3b Phone No (include area code) Ph: 281-840-4272		8 Well Name and No HUDSON FEDERAL 13
4 Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 17 T17S R31E NWNW 990FNL 430FWL		9 API Well No. 30-015-30995-00-S1
		10. Field and Pool, or Exploratory GRAYBURG JACKSON
		11 County or Parish, and State EDDY COUNTY, NM

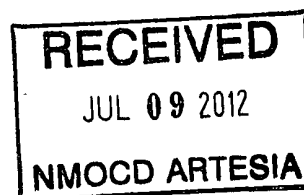
## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Workover Operations
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13 Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

PLEASE NOTE, THIS IS A REVISION OF THE OPERATION FROM SUNDRY FILED 5/29/2012, IT SEEMS I AM UNABLE TO SUBMIT THE ENTIRE SUMMARY THROUGH THE WIS SYSTEM AND DAYS 5/17/2012 THRU 5/30/2012 WE NOT SUBMITTED. PLEASE SEE ATTACHMENT.

THANK YOU. THE ATTACHMENT ALSO INCLUDES THE MIT CHARTS ALSO.



Accepted 7/10/12  
Accepted for record  
NMOCD

OPERATOR IS OUT OF COMPLIANCE W/ NMOCD RULE 5.9

14 I hereby certify that the foregoing is true and correct.	
Electronic Submission #139818 verified by the BLM Well Information System For LINN OPERATING INCORPORATED, sent to the Carlsbad Committed to AFMSS for processing by KURT SIMMONS on 06/14/2012 (12KMS2324SE)	
Name (Printed/Typed) TERRY B CALLAHAN	Title REGULATORY SPECIALIST III
Signature (Electronic Submission)	Date 06/06/2012

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <b>ACCEPTED</b>	DUNCAN WHITLOCK Title LEAD PETROLEUM ENGINEERING TECH	Date 07/05/2012
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office Carlsbad

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

**HUDSON FEDERAL #13**

**API #30-015-30995**

**#13 TO THE Form C-103 Sundry**

5/3/2012 – RU, unhang PR and HH. TOH w/ 2'-4'-6' 7/8" ponys, 42-7/8' rods and 55-3/4" rods and BHP. BHP and TAC sent to Andrews Pump R & R. NDWH NU BOP WO catch pan/ RU catch pan. TOH w/ 90-jts 2 7/8" tbg TAC BHA. LD 3jt bad. Run pkr, test tbg hunt csg leak.

5/4/2012 - RU tbg tester. WO bit and scraper, tested tbg @ 6000# blew 4-jt( 2-top 2-bottom). RU TIH w/ bit and scraper as follows: 4 1/2" bit, 4 1/2"x4' scraper, 80-jt 2 7/8" J-55 6.5# 8rd EUE. Tag @3644'. Found tight spot @1100' worked bit and scraper through. RD Tbg tester. TOH w/ all tbg, scraper and bit. Test for leaks.

5/7/2012 - Bleed dwn well. RU TIH w/ 5 1/2" RBP & 5 1/2" 14-29# ASIX Pkr. Set RBP @2816' and Pkr @2800'. Wait on pump trk. Load CSC. 17-bbls did not test. Test RBP 500# good. Pull Pkr. upset @2418' test tbg good, test CSC no test. Pull upset Pkr. @2289' test tbg good, test CSC no test, Pull up Pkr. set@1146' test tbg good, test CSC no test= rate-1-2 bpm @200#. Pull up Pkr. would not set between (1146'-1023'-bad CSC ) Set Pkr. @1023' test tbg no test (RATE=13bpm @300#) test CSC 500# good. Work on well-head.

5/8/2012 - Bleed off well RU Snodgrass Prk. TIH w/ D & L 5 1/2"x6'14-20 32-A Squeeze Prk. w/ unloader, 24-jts 2 3/8" J-55 tbg set Prk. @784'. RU Par Five Cementers. Test line set Injection rate-3.1bpm Start cement Pump 150-sks Class C Neat=35bbls, pump 150-sks Class C+1%PF1=35bbls, total 70-cement. Clean lines start displacement/ suger w/ 4.5bbls stop displacement. Wait 30min. 11:35am pressure up 334#, Wait 30min. 12:07pm pressure up 362#. Wait 30min. 12:39pm pressure up 419#. Wait 30min. 13:11pm pressure up 436#. SIW End Cement Job. RD Par Five.

5/9/2012 - TOH w/ tbg and packer, change out rams 2 3/8". RU Lucky Reverse Unit. BullDog set up pipe racks and set 2 3/8" work-string. PU drill collars and X-over, and 2 3/8" work string. TIH w/ 4 3/4" bit X-over, 27jts 2 3/8" tbg tag cement @834'. Start Drill out cement, drill 162' cement still green, stop drill @996'. Pull up 2-stands.

5/10/2012 - RU to cont drlg cement. Fell through cement @1075' picked up 2 more jt and went dnw to 1155' circulate. Pressure test w/ reverse unit 350# held 25min. RD swivel. TOH w/ laying dwn 31jts 2 3/8" 6-collars and bit. PU Ret. Head & RIH w/40jts-2 7/8 to get RBP. Richard w/ BLM required chart MIT. Wait on kill truck. RU basic vac trk and Crain hot oiler. Did not have chart wait. RU chart pressured up to 300# for ten minutes, BLM required 500# pressure up to 520# lost 60# in 30min. Richard BLM failed MIT. Left equipment as is. This AM hunt hole.

5/11/2012 - TOH w/ 40-stands change out rams TIH w/ 5 1/2" Pkr, found leak @ 1017'-1144'. RU pump trk. test CSC @1081' lost 100# in 5min. MU hole and test @1017' lost 100# in 5min. Found flow rate 0-.25bpm @1000#. TOH w/ all tbg and Prk. SWH SDFWE

5/14/2012 -RU Par Five Cement crew. TIH w/ 5 1/2" Prk., 36-jts 2 7/8', Pkr. swinging @1153'. Start cement Spot hot @1153', pumped 63-sks Class C Neat=15bbbs slurry-density 14.8, @3.5bpm @250#. Pumped 6bbbs displacement. TOH w/ 7 stands- Reverse out @700'. TOH w/ 2 stands- Set Pkr. @608'. 500# on CSC. Pump .5 bbl pressure up 1450# Hesitate @1042, Pump .25 bbls pressure up 1507# Hesitate, Pump .25 bbls pressure up to 1509#, SI @1470#. 3bbbs/12-sks to pit. RD Par Five, Gandys vac. trk and pump trk. SWH SDFN. This AM drill out cement.

5/15/2012 - TOH w/2 7/8" Tbg and Packer. RU 4 3/4" bit, 6-Collars and 2 7/8" Tbg. Tag cement @ 730'. RU swivel. Start drillout. Bit jumping, TOH to inspect bit. Drilled out cement 198'. SWH SDFN. This a.m. continue drill Start point 928'.

5/16/2012 - PU collars TIH w/ Bear Claw Bit, 6 3 1/2" collars, and 2 7/8" tbg tag @ 928' RU swivel. Start drilling drill to 1098' Drilled ( 170' ). Circulate hole clean. SWH SDFN This AM finish drilling.

5/17/2012 - Bleed off well. Start drill @ 1098' drill 4hr fell out of cement @1173' run dwn to 1214' circ clean. MOC MIT w/ reverse unit 510# lost 50# 30min. RD swivel, TOH w/ tbg and collar/bit. SWH SDFN. This AM test/ MIT CSC.

5/18/2012 - TIH w/ 5 1/2" Pkr. and 19-stands, set Pkr. test CSC 42min. @570# test good witnessed by Kent Coffall-BLM. Release pkr. TOH w/ tbg and pkr. (wet) TIH w/ tbg to retrieve RBP. Latch on to RBP plug came out swabbing CSC. RU vac-trk. TOH w/ all tbg and RBG. RU TIH w/ BHA as follows: BP, Slotted MA 2 7/8", SN, 28-jts 2 7/8" J-55 6.5# 8rd EUE tbg. 5 1/2"x2 7/8" TAC. @0000', 85-jts J-55 6.5# 8rd EUE tbg to surface. ND B.O.P. and catch pan. Set TAC @15 points. NUWH. SDFWE

5/21/2012 - RU TIH w/ old rods. TOH w/ old rods laying dwn=54-7/8' rods, 59-3/4' rods, 2-4-4=7/8' pony. Wait on 18-3/4" rod boxes RU TIH w/ new rods as follows: 1 1/2"x12' gas anchor, 2 1/2"x1 3/4"x20' RWBC, 10-1 1/4" rods, 92-3/4" rods, 40-7/8' rods, 1 1/4"x26' PR w/ 1 1/2"x14' liner. Space out PR hang HH and PR. SWH SDFN. This AM start P/U. Crew drove to yard.

5/22/2012 - Start P/U would not pump up RU kill trk to load tbg would not load. Ru Unhang PR and HH TOH w/ all rods and bhp, sent in to Andrews Pump R & R had Iron sulfite scale. NDWH released TAC. RU B.O.P. catch pan TOH w/ all tbg. RU D & G tbg tester. RU TIH w/ BHA as follows: BP, Slotted MA 2 7/8", SN, 28-jts 2 7/8" J-55 6.5# 8rd EUE tbg. 5 1/2"x2 7/8" TAC. @0000', 85-jts J-55 6.5# 8rd EUE. Left tbg Ready to swab.

5/23/2012 - RU to swab 1<sup>st</sup> run fluid level @ 800' swabbed BACL 118 bbls. Black water w/ iron sulfide. POH w/ tbg, PU & RIH w/ 5-1/2" 14 - 20# 32-A tension pkr to 2747'. Set packer: OK

5/24/2012 - Load back side 500 psi. (ok) Start acid job.

5/25/2012 - Bled off well started swabbing to tank.

5/29/2012 - Start swabbing 200 ft 150 psi on tbg. RD swab. POOH w/ pkr & tbg. RIH w/ tbg & TAC. NDBOP & set TAC. NU WH. PU pump & K bars. RIH w/ pump & rods. Hung on 6 strokes. Well pumped up.

5/30/2012 - Space out PR hang off. Rig down. Well online.

