

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OGD

OCT 25 2011

OCD - 40665

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.

RECEIVED

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 <i>/ Cimarex</i>		5 Lease Serial No. NMNM052
2 Name of Operator LINN OPERATING INCORPORATED E-Mail: bajennings@cimarex.com		6 If Indian, Allottee or Tribe Name
3a Address 600 TRAVIS STREET SUITE 5100 HOUSTON, TX 77002	3b. Phone No (include area code) Ph: 432-620-1932 Fx: 432-620-1940	7 If Unit or CA/Agreement, Name and/or No NMNM70989G
4 Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 35 T19S R34E SESE 554FSL 554FEL		8 Well Name and No. MRU 3
		9 API Well No. 30-025-23503-00-S2
		10. Field and Pool, or Exploratory NE LEA <i>Delaware</i>
		11 County or Parish, and State LEA COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" 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 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 checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<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 recompleat 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 recompleat 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.)

Mescalero Ridge Unit No. 3 is currently a shut in Delaware wells w perfs @ 5780-5805 and CIBP @ 5990.

Propose to drill out CIBP @ 5990 and add Delaware perfs and acidize per attached procedure and turn to production as a Lea; Delaware, NE producer.

See attached curren and proposed WBD.

14 I hereby certify that the foregoing is true and correct.	
Electronic Submission #119183 verified by the BLM Well Information System For LINN OPERATING INCORPORATED, sent to the Hobbs Committed to AFMSS for processing by KURT SIMMONS on 10/11/2011 (12KMS0021SE)	
Name (Printed/Typed) BRETT JENNINGS	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 10/05/2011

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By JAMES A AMOS	Title SUPERVISOR EPS	Date 10/17/2011
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 Hobbs

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 ****

OCT 26 2011

MESCALERO RIDGE UNIT #3 Add Delaware Carbonate Pay

API # 30-025-23503
554 FSL & 554' FEL
Section 35, T19S, R34E
Lea County, New Mexico

GL : 3701'
KB : 3719'
TD : 10,250'
PBDT: 5990'

Casing, Liner, and Tubing Record

Size	Weight	Grade	Thread	Set at	Cmt	Remarks
13 3/8	48	H-40	ST&C	346'	340 sx	TOC - SURF
8 5/8	24 & 32	J-55	ST&C	4050'	525 sx	TOC - 3140'
4 1/2	13.5 & 11.6	N-80 & J-55	LT&C	10,250'	500 sx	TOC - Unknown
				DV Tool @ 6015	620 sx	

PERFS:

DELAWARE 1 SPF 5780-5805 (26 holes)
Acid; 5000 gals 7 1/2% MSR-100 Acid

PROCEDURE

NOTE: Obtain oil and water samples for acid and chemical companies to evaluate for proper Anti-Sludging additives for the stimulation.

1. Locate, test and replace anchors as necessary.
2. MIRU Well Service Unit
3. ND wellhead and NU 3K manual BOP w/ Enviro Catch Pan.
4. POH with rods and tubing.

NOTE: Scan tubing as it is being pulled and order replacement tubing as necessary. Will need minimum of 600' tubing to get seating nipple below perforations to be added.

5. RU Reverse Unit.
6. PU & RIH w/ 3-3/4" Bit, 4 1/2" Casing Scraper, and 4 drill collars on tubing to PBDT.
7. Drill Out CIBP @ 5990' and continue in hole to 6500'.
8. Pull tubing and LD tools.
9. Rig up wireline and Perforate Delaware Dolomite 3 shots per foot (120° Phasing):

6360-6372 and 6140-6150

Correlation Log: Schlumberger Sidewall Neutron Porosity Log dated 6-2/3-70.
Original operator: Pennzoil.

10. Pick up and RIH w/ RBP & Packer.
11. Set RBP @ 5700', close BOP and test casing to 1000 psi.
12. Release pressure and release RBP.
13. Continue RIH w/ RBP and packer on tubing to +/- 6400. Set RBP and pick up 10 ft.
14. Set pkr and test packer & plug.
15. Release packer and pull up to +/-6300' and set packer.
16. RU Acid company and acidize perms 6360-6372 with 2500 gallons 7 ½% MSA Acid.
17. Release packer and RIH to RBP.
18. Latch and release RBP.
19. Pull up and set RBP @ 6200'. Pull up 10' and set packer. Test RBP to 3000 psi.
20. Release packer and pull up to +/-6050'.
21. Acidize perms 6140-6150 with 2500 gallons 7 ½% MSA Acid.
22. Release packer and RIH to RBP.
23. Latch and release RBP
24. RIH And set RBP @ 6400'
25. Pull up and set packer @ 6050'.
26. Swab back Load and swab test well.
27. Release packer and RIH to RBP.
28. Latch and release RBP.
29. Pull up and set RBP @ 5850'. Pull up 10' and set packer. Test RBP to 3000 psi.
30. Release packer and pull up to 5700'
31. RU and acidize perms 5780-5805 with 2500 gallons of 7 ½% MSA Acid.
32. Release packer and retrieve RBP.
33. POH and lay down tools.
34. PU and run production equipment landing SN @ +/- 6380'
35. ND BOP and Catch Pan.
36. NU Wellhead.
37. RDMO Well Service Unit
38. Start Pumping Unit.



13 3/8" 48# H-40 csg @ 346'
Cmt w/340 sx, cir to surface

8 5/8" 24 & 32# J-55 csg @ 4050'
Cmt w/525 sx, TOC 3140' (TS)

Rod Detail
1/23/2003

Quantity	Description	Length
1.00	Polish Rod	
4.00	7/8" Pony Rod (2 x 2', 2 x 4')	12.00
65.00	7/8" Rods	1625.00
160.00	3/4" Rods	4000.00
6.00	7/8" Rods	150.00
1.00	7/8" x 4' Pony Rod	4.00
1.00	2" X 1 1/4" X 20' RHBC (HVR) Pump	20.00
	1" x 6' Gas Anchor	6.00

Cimarex Energy Co. of Colorado
Mescalero Ridge Unit #3
API 30-025-23503
554' FSL & 554' FEL Section 35, T19S, R34E
Eddy County, NM
GL 3701' KB 3719'

D. Tally 9/22/2011

17 1/2" hole to 346'

CURRENT

11" hole to 4050'

Tubing Detail
1/23/2003

KB Correction: 18'

Quantity	Description	Length	Setting Depth
	KB	18.00	18.00
180	2 3/8" J-55 Brd tbg	5594.71	5612.71
1	4 1/2" X 2 3/8" TAC	3.90	5616.61
26	2 3/8" J-55 Brd tbg	246.44	5863.05
1	2 3/8" API SEATING NIPPLE	1.10	5864.15
1	2 3/8" x 4' Perf sub	4.00	5868.15
1	BPMAJ	30.60	5898.75

Delaware Perfs 5780-5805

CIBP @ 5990'

DV Tool @ 6012'

CIBP @ 9380' Capped w/ 35' Cmt

Bone Springs Perfs 9399-9453 (Uneconomic)

CIBP @ 9575' Capped w/ 35' Cmt

Bone Springs Perfs 9611-9636

CIBP @ 9800' Capped w/ 35' cmt

Bone Springs Perfs 10,155-10,169 (12/31/71)

4 1/2" 13.5 & 11.6# N-80 & J-55 @ 10,250'
Cmt w/1120 sx
DV Tool @ 6015'

10215

PBTD: 5990'
TD: 10,250'

7 7/8" Hole to TD10,250'

CIMAREX

13 3/8" 48# H-40 csg @ 346'
Cmt w/340 sx, cir to surface

8 5/8" 24 & 32# J-55 csg @ 4050'
Cmt w/525 sx, TOC 3140' (TS)

TAC Above 5750'

Pump seating nipple below 6372'

4 1/2" 13.5 & 11.6# N-80 & J-55 @ 10,250'
Cmt w/1120 sx
DV Tool @ 6015'

PBTD: 5990'
TD: 10,250'

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PROPOSED

11" hole to 4050'

Delaware Perfs 5750-5805

DV Tool @ 6012'

Proposed New Delaware Perfs 6140-6150 and 6360-6372

CIBP @ 9380' Capped w/ 35' Cmt

Bone Springs Perfs 9399-9453 (Uneconomic)

CIBP @ 9575' Capped w/ 35' Cmt

Bone Springs Perfs 9611-9636

CIBP @ 9800' Capped w/ 35' cmt

Bone Springs Perfs 10,155-10,169 (12/31/71)

7 7/8" Hole to TD 10,250'