Form 3160-5 (August 2007)

## **UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0135 Expires: July 31, 2010

	NAME AND ADDRESS OF TAXABLE PARTY.
5.	Lease Serial No.
	NMNM06531A

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

6. If Indian, Allottee or Tribe Name

abandoned well. Ose form \$160-3 (APD) for Such	n proposais.		1		
SUBMIT IN TRIPLICATE - Other instructions on i	7. If Unit or CA/Agreement, Name and/or No. 891006455X				
1. Type of Well	15 h		8. Well Name and No. LEA UNIT 54H		
Oil Well Gas Well Other					
2. Name of Operator Contact: LAURA PI LEGACY RESERVES OPERATING LPE-Mail: lpina@legacylp.com		9. API Well No. 30-025-42949-00-X1			
3a. Address 303 W WALL SUITE 1600 MIDLAND, TX 79702  3b. Phone Ph: 432-	No. (include area code	CD	10. Field and Pool, or Exploratory LEA		
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)	400 050	040	11. County or Parish,	and State	
Sec 11 T20S R34E NWNE 170FNL 1740FEL /	APR 0.5 2		LEA COUNTY,	NM	
12. CHECK APPROPRIATE BOX(ES) TO INDICA	1 4 111	GD	EPORT, OR OTHE	R DATA	
TYPE OF SUBMISSION	TYPE OF ACTION				
- Acidize D	Deepen	□ Product	ion (Start/Resume)	☐ Water Shut-Off	
Notice of Intent	racture Treat	Reclam		☐ Well Integrity	
Cubequent Penort	lew Construction	Recomp		Other	
	lug and Abandon		arily Abandon	<b>Drilling Operations</b>	
	lug Back	□ Water I	Disposal		
13. Describe Proposed or Completed Operation (clearly state all pertinent details, incl if the proposal is to deepen directionally or recomplete horizontally, give subsurfa Attach the Bond under which the work will be performed or provide the Bond No following completion of the involved operations. If the operation results in a mul testing has been completed. Final Abandonment Notices shall be filed only after a determined that the site is ready for final inspection. 11/23/2015: Spud well @ 03:00 hours.	ace locations and meas on file with BLM/BL tiple completion or rec	ured and true ve A. Required sul ompletion in a	ertical depths of all perting because the reports shall be new interval, a Form 316	filed within 30 days 0-4 shall be filed once	
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## Additional data for EC transaction #329009 that would not fit on the form

## 32. Additional remarks, continued

11/30/2015: Drilled 12 1/4" intermediate hole to a TD of 5405'.

12/01/2015: Ran 33 joints of 9 5/8" 40#, HCL-80, LTC casing and 95 joints of 9 5/8" 40#, J-55, LTC casing set @ 5400' w/DV tool @ 3691'.

12/02/2015: Pumped 1st stage lead cement: 625 sx of 35:65 Poz/Class C, 12.60ppg, 2.06 yield followed by 1st stage tail cement: 300 sx of Class C, 14.8 ppg, 1.34 yield. Pumped 2nd stage lead cement: 1100 sx of 35:65 Poz/Class C, 12.60 ppg, 2.06 yield followed by 2nd stage tail cement: 200 sx of Class C, 14.8 ppg, 1.34 yield. Did not circulate cement to surface. WOC 8 hours, ran temperature survey, estimated TOC @ 1754'. Pressure tested the 13 3/8"x9 5/8" annulus to 500 psi, bled off 70 psi in 30 minutes (test failed). Pressured up on annulus in order to achieve an injection rate but did not succeed. Discussed with BLM and agreed to RIH with 1" pipe, and pumped 377 sx/90 bbls of Class C, 14.8 ppg, 1.34 yield and circulated 42 sx/10 bbls to surface.

12/03/2015: Cut off and installed Cameron 11"x5K wellhead. Installed 13 5/8"x5K BOP's. Tested BOPE, choke manifold and all valves to 250psi low/5000psi high, tested annular preventer to 250psi low/2500psi high. Tested 9 5/8" casing to 1500psi for 30 minutes (all test good).

12/15/2015: TD 8 3/4" production hole @ 17;971' MD/10,887' TVD.

12/17/2015: Ran 407 joints of 5 1/2" 20#, HCP-110, GBCD casing set @ 17,971' MD. Pumped lead cement: 1900 sx 50:50 Poz/Class H, 11.9 ppg, 2.48 yield followed by tail cement: 1700 sx PVL, 12.6 ppg, 1.62 yield. Circulated 661 sx/292 bbls of cement to surface, floats held.

12/18/2015: Set 5 1/2" casing slips and install 7 1/16"x10K tubing spool and test to 4000psi (good). Rig released @ 1800 hours. End of drilling operations, preparing well and location for completion operations.