

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018

COPY

**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.*

HOBBS OCD

JUL 19 2017

RECEIVED

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

5. Lease Serial No.  
NMNM12612

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.  
COOPER JAL UNIT 124

9. API Well No.  
30-025-11153

10. Field and Pool or Exploratory Area  
LANGLIE MATTIX;7RVRS-Q-GR

11. County or Parish, State  
LEA COUNTY, NM

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator  
LEGACY RESERVES OPERATING LP-Mail: jsaenz@legacylp.com

3a. Address  
303 W WALL ST SUITE 1800  
MIDLAND, TX 79701

3b. Phone No. (include area code)  
Ph: 432-689-5200

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 19 T24S R37E NENW 660FNL 1917FWL

**12. CHECK THE 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"/> Hydraulic Fracturing	<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
	<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 must 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 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

This sundry is an Amendment to the sundry that was filed on 12/30/11 by the previous operator. See attached.

Step 4 (a) on previous operator sundry:  
Perforated Yates & 7Rivers: 2974'-3206', 3232'-3326'

Wellbore diagrams attached.

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #381366 verified by the BLM Well Information System  
For LEGACY RESERVES OPERATING LP, sent to the Hobbs**

Name (Printed/Typed) JOHN SAENZ

Title OPERATIONS ENGINEER

Signature (Electronic Submission)

Date 07/14/2017

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By

Title

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

**Accepted for Record Only**  
**MUST BE APPROVED BY BLM**

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.

(Instructions on page 2)

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***

[illegible]



## WELLBORE SCHEMATIC AND HISTORY

CURRENT COMPLETION SCHEMATIC		LEASE NAME	COOPER JAL UNIT	WELL NO.	124	
<b>Surface Csg</b> Hole Size: 12 1/4 in Csg. Size: 9 5/8 in Set @: 308 ft Sxs Cmt: 175 Circ: Yes TOC @: surf TOC by: circ		STATUS: Active		Oil		
		LOCATION: 660 FNL & 1917 FWL, Sec 19, T - 24S, R - 37E, Lee County, New Mexico				
		SPUD DATE: TD	3750	KB	3,312'	DF
		INT. COMP. DATE: 03/09/56	PBTD	3750	GL	3,301'
<b>HYDROCARBON BEARING ZONE DEPTH TOPS:</b>  Yates @ 2974'      7-Rivers @ 3206'      Queen @ 3550'		ELECTRIC LOGS:		CORES, DST'S or MUD LOGS:		
		GR-N from 2900 - 3480' (8-9-56 The Western Co.) Injection Profile (6-23-73 WACO)				
Csg Lk 130 sx 594'-624' TOC @ 675'  DV tool @ 1200'  CIBP @ 2924' w/ 35' cmt  TOC @ 2475' By Calc.  Yates @ 2974' 2974' 3206' 7-Rivers @ 3206' 3232' 3326'  3380' 3396'  3414' 3432'  3448' 3463'  3470' 3482'  Queen @ 3550'  Open Hole 3528'-3750'  Fill @ 3,688'		CASING PROFILE				
		SURF. 9 5/8" - 36#, J-55 set @ 308' Cmt'd w/175 sxs - circ cmt to surf.				
		PROD. 5 1/2" - 15.5#, J-55 set @ 3528' Cmt'd w/200 sxs - TOC @ 2475' from surf. DV tool @ 1200' - pmp 100 sxs -				
		LINER None		5 1/2" - TOC @ 675' f/ surf by calc.		
		CURRENT PERFORATION DATA				
		CSG. PERFS:		OPEN HOLE :		
		9-Mar-56 Perf'd Lower 7-Rivers f/ (3448 - 63) w/ 1 spf & 3470 - 82' w/1 spf (29 holes)				
		9-Mar-56 Perf'd Upper 7-Rivers f/ 3380 - 96' w/1 spf & 3414 - 32' w/1 spf (36 holes)				
		01-Nov-11 Perf'd Yates from 2974'-93', 2995'-3011', 3002'-3069', 3072'-83', 3085'-90', 3091'-3103', 3106'-34', 3138'-46', 3148'-52', 3153'-55', 3161'-67', 3169'-72', 3174'-90', & 3192'-3206', 2 JHPF, 211 feet				
		01-Nov-11 Perf'd 7 Rivers from 3232'-35', 3247'-62', 3294'-96', 3307'-3311', & 3322'-3326' 2 JHPF, 28 feet.				
		TUBING DETAIL		ROD DETAIL		
<b>Production Csg.</b> Hole Size: 7 7/8 in Csg. Size: 5 1/2 in Set @: 3528 ft Sxs Cmt: 300 Circ: No TOC @: 675 f/ surf TOC by: calc.		WELL HISTORY SUMMARY				
		9-Mar-56 Initial Completion: Perf'd Lower 7-Rivers (3448 - 63) w/ 1 spf & 3470 - 82' w/1 spf. Frac'd w/ 10,800 gals & 15,000#s sand. Set RBP at 3440'. Perf'd Upper 7-R 3380 - 96' w/1 spf & 3414 - 32' w/1 spf. Frac'd w/ 8,800 gals lease oil & 13,000#s sand. Pulled RBP. IP: 54 bopd, 0 bwpd, & 63 Mcfpd.				
		22-Jul-71 Converted to Water Injection: Sand pumped frac sand from 3440 - 3508'. RIH w/pkr on 2 3/8" CL tbg. Set PKR @ 3336'. Placed well on injection.				
		24-Jul-82 Found hole in tbg. Replaced bad tbg.				
		10-Feb-94 C/O fill from 3458 -3508' (on junk at 3508') RIH w/ new 2 3/8" CL tbg and pkr. Set pkr @ 3261'. (bad pkr tst @ 3326', 3297' & 3294'). Return to injection: 502 bwpd @ TP=vacuum				
		05-Apr-99 Set CIBP @ 3260' & dmp 35' cmt on top. TOC @ 3225'. Circ hole w/ pkr fluid. TA'd well (4-7-99).				
		09-Nov-05 Could not run sinker bar because wellhead is corroded!				
		18-Oct-11 RIH with 4 3/4" bit. Test casing to 500 psig - no test. Tagged at 3,218'. Found hole from 594' to 624'. Cement squeezed with 130 sx Drilled out cement and test good. Drilled CIBP @ 3,256' and formation with 4 3/4" Bottom bit. Drilled to new TD at 3,750' in 6 days. Perf'd Yates from 2974'-93', 2995'-3011', 3002'-3069', 3072'-83', 3085'-90', 3091'-3103', 3106'-34', 3138'-46', 3148'-52', 3153'-55', 3161'-67', 3169'-72', 3174'-90', & 3192'-3206', 2 JHPF, 211 feet; Perf'd 7 Rivers from 3232'-35', 3247'-62', 3294'-96', 3307'-3311', & 3322'-3326' 2 JHPF, 28 feet. Acidized open hole (3530' to 3,750') w/ 5,550 gals 15% NEFE HCl acid. AIR= 5.5 bpm. Pavg=880W. ISIP= 550#. RIH with 4 1/2" work string. Frac'd Jalmat (Yates & U. 7-Rivers) with 223,000 # 16/30 mesh & 94,000 16/30 mesh PropNet. Pavg= 1424W. AIR= 46.2 bpm. ISIP= 1002#. Next day SITP= 80#. Bleed down, no fluid recovered. Laid down 4 1/2" work string. POOH with RBP. Cleaned out to 3,750'. RIH with tubing, pump and rods.				
		13-Dec-11 POOH with rods, plunger & tubing. Ran Pressure Gradient Survey, tagged @ 3,656'. Hydrotest tubing in hole to 7,000# - good. Bailed from 3,660' to 3,668'. RIH with plunger and rods. PWOP.				
		17-Dec-11 Long stroke well.				
		17-Feb-12 POOH with rods, plunger & tubing. Hydrotest tubing in hole to 7,000# - good. RIH with plunger and rods. PWOP.				
		03-May-12 POOH with rods. POOH with wet string bottom 2 joints, MA full of frac sand. Hydrotest tubing in hole - laid down 33th joint due to pitting. RIH with working barrel and rods. PWOP.				
		PBTD: 3750 ft TD: 3750 ft				
		OH ID: in				
PREPARED BY:		UPDATED:				

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No 1004-0137  
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  
JAN 24 2012  
OCD-HOBBS  
HOBBS OGD

5 Lease Serial No.  
1 LC-063965 NM12612  
6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE** - Other instructions on page 2

1 Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Resaca Operating Company

3a Address

1331 Lamar St Ste 1450, Houston, TX 77010

3b. Phone No. (include area code)

(432) 580-8500

4 Location of Well (Footage, Sec, T, R., M., or Survey Description)

660 FNL & 1917 FWL, Unit Letter C, Sec 19, T-24S, R-37E

7. If Unit of CA/Agreement, Name and/or No  
Cooper Jal Unit- NM 70926X

8. Well Name and No  
Cooper Jal Unit #124

9 API Well No.  
30-025-11153

10 Field and Pool or Exploratory Area  
Langlie Mattix SR-2W-GB

11 Country or Parish, State  
Lea County, NM

12. CHECK THE 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 checked="" 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 checked="" 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 Re-Entry
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
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- 1.) MIRU Pulling Unit and Above Ground Steel Pit. NU BOP. 10/18/11.
- 2.) RIH w/ 4 3/4" Bit & 6- 3 1/2" Drill Collars. PU Swivel.
- 3.) Found hole in casing from 594'-624'; cement squeezed with 130 sacks premium plus cement w/ 2% CaCl.
- 4.) Drilled out cement, tested casing, tested good; Drilled CIBP @ 3256' & formation with 4 3/4" Bit.
- 5.) Drilled to new TD @ 3750' in 6 Days; Acidized OH 3530'-3750' w/ 5,500 gallons 15% NEFE HCl Acid.
- 5.) RIH w/ 4 1/2" work string; Frac'd Jalmat (Yates & Upper 7R) w/ 223,000# 16/30 mesh & 94,000# 16/30 mesh Propnet.
- 6.) Bled down, no fluid recovered; LD, unset Packer; LD 4 1/2" frac string.
- 7.) Cleaned out to TD @ 3750'; POOH & LD work string, drill collars & bit.
- 8.) RIH w/ production tubing. ND BOP. RIH w/ Plunger.
- 9.) RDMO Pulling Unit. cleaned location, cleaned & disposed of pit fluids. 11/11/11

7610  
-240  
4780

14 I hereby certify that the foregoing is true and correct Name (Printed/Typed)

Melanie Reyes

Title Engineer Assistant

Signature

Date 12/30/2011

ACCEPTED FOR RECORD

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Office

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

JAN 22 2012

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

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(Instructions on page 2)

MAY 17 2012



## WELLBORE SCHEMATIC AND HISTORY

CURRENT COMPLETION SCHEMATIC		LEASE NAME <b>Cooper Jal Unit</b>		WELL NO <b>124</b>																																																																																	
		STATUS <b>TA'd (4-7-99) Water Injector</b>		API# <b>30-025-11153</b>																																																																																	
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