

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-HOBBS

FORM 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

NOV 13 2017

RECEIVED

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM12612
2. Name of Operator LEGACY RESERVES OPERATING LP Contact: JOHN SAENZ E-Mail: jsaenz@legacyp.com		6. If Indian, Allottee or Tribe Name
3a. Address 303 W WALL ST SUITE 1800 MIDLAND, TX 79701	3b. Phone No. (include area code) Ph: 432-689-5200	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 19 T24S R37E NENW 660FNL 1917FWL		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

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.

ACCEPTED FOR RECORD

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 <i>PR Stewart</i> 10/12/2017	Title TPET	Date
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		

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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 ****

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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.

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

5 Lease Serial No.

LC-063965 NM126-12

6. If Indian, Allottee or Tribe Name

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- RW- 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

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☒ Acidize ☐ Deepen ☐ Production (Start/Resume) ☐ Water Shut-Off
☐ Alter Casing ☒ Fracture Treat ☐ Reclamation ☐ Well Integrity
☐ Casing Repair ☐ New Construction ☐ Recomplete ☒ Other Re-Entry
☐ Change Plans ☐ Plug and Abandon ☐ Temporarily Abandon
☐ Convert to Injection ☐ Plug Back ☐ 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 recomple 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 recomple 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)

- 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

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

Melanie Reyes

Title Engineer Assistant

Signature

Date 12/30/2011

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

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)

ACCEPTED FOR RECORD

JAN 22 2012

Date

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

MAY 17 2012

WELLBORE SCHEMATIC AND HISTORY

CURRENT COMPLETION SCHEMATIC		LEASE NAME		WELL NO.	
<p>Surface Csg</p> <p>Hole Size: 12 1/4 in</p> <p>Csg. Size: 9 5/8 in</p> <p>Set @: 308 ft</p> <p>Sxs Cmt: 175</p> <p>Circ: Yes</p> <p>TOC @: surf</p> <p>TOC by: circ</p>		Cooper Jal Unit		124	
		STATUS: Active Oil		API# 30-025-11153	
		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'	
<p>Csg Lk 130 sx</p> <p>594'-624'</p> <p>TOC @ 675'</p> <p>DV tool @ 1200'</p> <p>Yates @ 2974'</p> <p>7-Rivers @ 3206'</p> <p>Queen @ 3550'</p> <p>Open Hole</p> <p>3528'-3750'</p> <p>Fill @ 3,688'</p> <p>PBTD: 3750 ft</p> <p>TD: 3750 ft</p> <p>OH ID: in</p>		ELECTRIC LOGS:		GEOLOGICAL DATA	
		GR-N from 2900 - 3480' (8-9-56 The Western Co.)		CORES, DST'S or MUD LOGS:	
		Injection Profile (5-23-73 WACO)		HYDROCARBON BEARING ZONE DEPTH TOPS:	
		Yates @ 2974'		7-Rivers @ 3206'	
		Queen @ 3550'			
<p>Production Csg</p> <p>Hole Size: 7 7/8 in</p> <p>Csg. Size: 5 1/2 in</p> <p>Set @: 3528 ft</p> <p>Sxs Cmt: 300</p> <p>Circ: No</p> <p>TOC @: 675 ft surf</p> <p>TOC by: calc.</p>		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' ft surf by calc.	
		CURRENT PERFORATION DATA		OPEN HOLE :	
<p>TUBING DETAIL</p> <p>ROD DETAIL</p>		CSG. PERFS:			
		9-Mar-56 Perf'd Lower 7-Rivers fl (3448 - 63) w/ 1 spf & 3470 - 82' w/1 spf (29 holes)			
		9-Mar-56 Perf'd Upper 7-Rivers fl 3380 - 96' w/1spf & 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.			
<p>WELL HISTORY SUMMARY</p>		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/1spf & 3414 - 32' w/1 spf. Frac'd w/ 8,800 gals lease oil & 13,000#s sand. Pulled RBP, IP: 64 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 lgt @ 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).			
<p>Missing from Sundry accepted 01/22/2012</p>		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#. Bled 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.			
<p>PREPARED BY:</p> <p>UPDATED:</p>		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.			

Operator: Legacy Reserves Operating LP
Surface Lease: NM012612 BHL: NM012612
Case No: NM012612 Lease Agreement
Subsurface Concerns for Casing Designs:

Well Status: BUQ
Spud date: 2/22/1956
Plug'd Date:
Reentry Date:

Well: COOPER JAL UNIT-124
API: 3002511153
@ Srfce: T24S-R37E,19.660n1917w
@ M TD: T24S-R37E,19.660n1917w

Estate: P\VF
CWDW, R of W: 0
OCD Admn Order, date:
Frmtn, Depths, psig:

07/1971 CTI
02/14/1994 MIT held 500psig 25m
04/06/1999 MIT held 520psig 30m for TA
10/28/2004 MIT held 560psig 30m
03/01/2017 MIT held 520psig, TA Denied
07/25/2017 MIT held 500psig, Status OSI

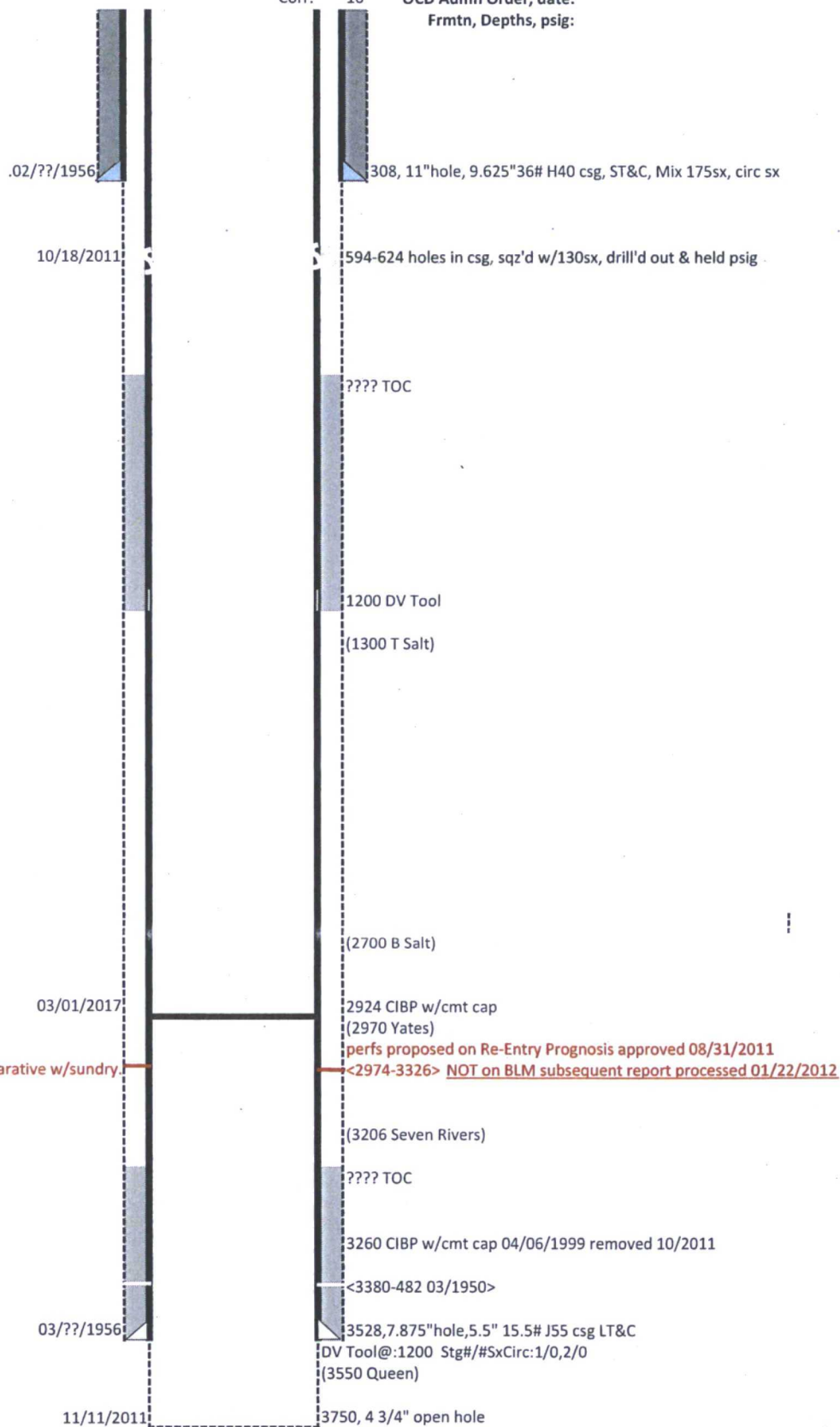


Diagram last updated: 08/31/2017