

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018



**HOBBS OCD**  
**JUL 24 2017**  
**RECEIVED**

**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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMMN12612
2. Name of Operator LEGACY RESERVES OPERATING LP Contact: JOHN SAENZ E-Mail: jsaenz@legacylp.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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Hydraulic Fracturing
	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Well Integrity
	<input type="checkbox"/> Other
	<input type="checkbox"/> Alter Casing
	<input type="checkbox"/> New Construction
	<input checked="" type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Change Plans
	<input type="checkbox"/> Plug and Abandon
	<input type="checkbox"/> Water Disposal
	<input type="checkbox"/> Convert to Injection
	<input type="checkbox"/> Plug Back

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 must 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 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.

03/2017 RU wireline, set CIBP @ 2924' w/35' of cement on top. TOC @ 2889'. RD wireline. Existing perforations 2974'-3688'.

07/2017 Ran MIT, pressure casing to 500#. Witnessed by Paul Flowers-BLM. Well is now TA'd. Chart and wellbore diagram attached.

*TA EXPIRES  
2/22/2018*

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

**Electronic Submission #381537 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 07/17/2017

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

Approved By _____	Title _____	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 _____

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)

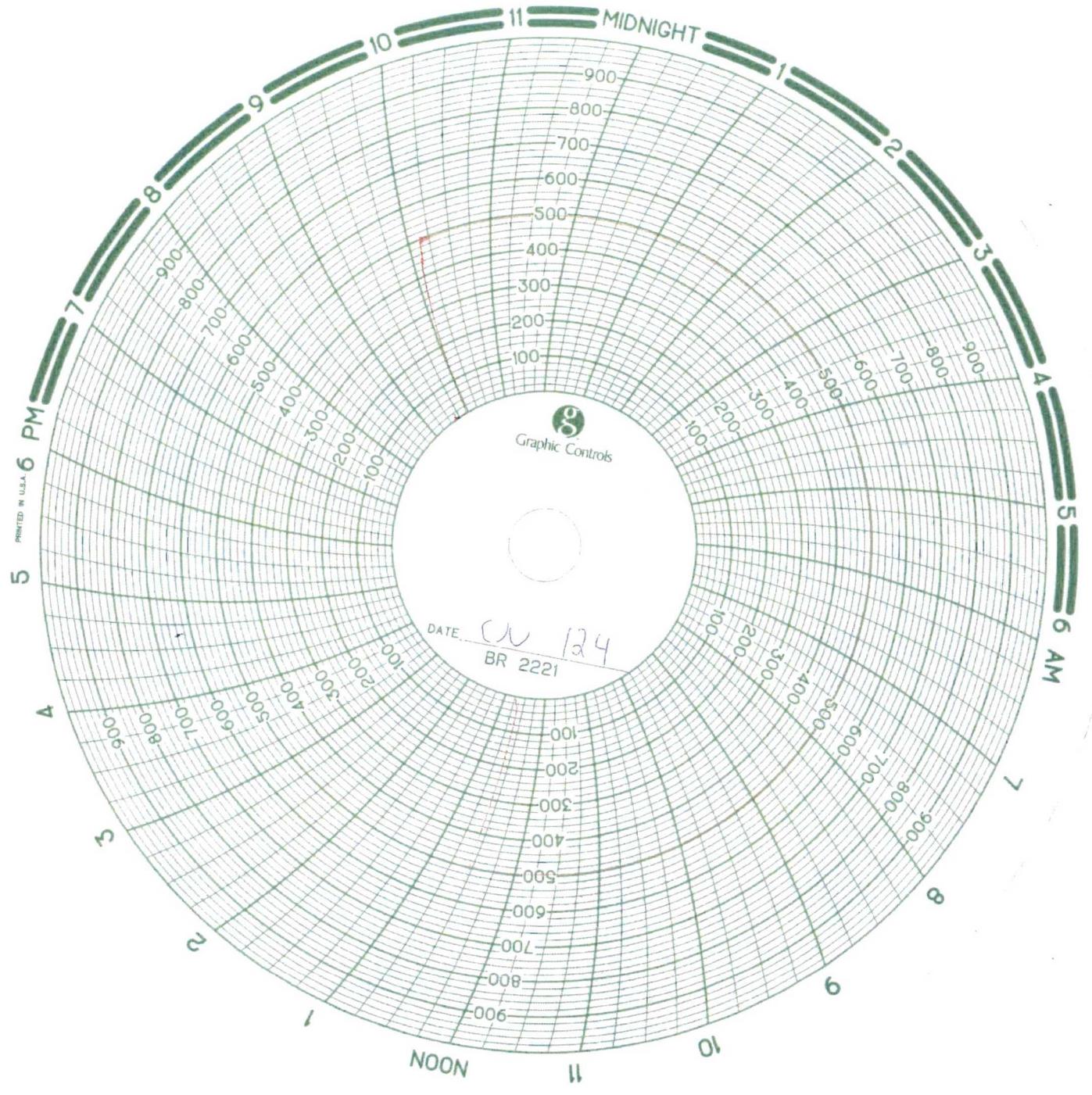
**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***  
**Accepted for Record Only**

*RBDMS-CHART-✓*

*MJB/OCD 7/24/2017*

*Pending BLM Approval.*

PRINTED IN U.S.A. 6 PM



Graphic Controls

DATE: 02 124  
BR 2221

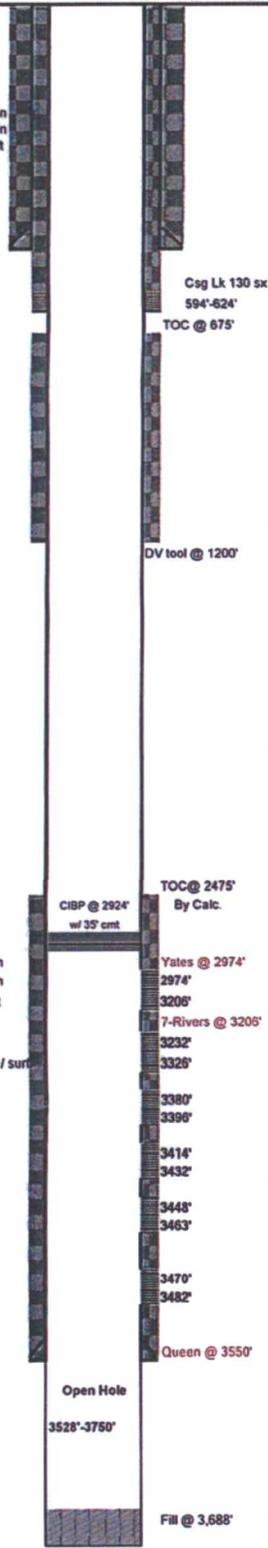
WELLBORE SCHEMATIC AND HISTORY

CURRENT COMPLETION SCHEMATIC

LEASE NAME **Cooper Jal Unit** WELL NO. **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'**

**Surface Csg**  
 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



**Production Csg**  
 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.

**ELECTRIC LOGS:** GR-N from 2900 - 3480' (8-9-56 The Western Co.)  
 Injection Profile (6-23-73 WACO)  
**GEOLOGICAL DATA:**  
**HYDROCARBON BEARING ZONE DEPTH TOPS:**  
 Yates @ 2974'      7-Rivers @ 3206'      Queen @ 3550'

**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: 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/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.  
**OPEN HOLE:**

**TUBING DETAIL**      **ROD DETAIL**

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/1spf & 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=890W. 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.  
 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: n

PREPARED BY:

UPDATED: