Form 3160-5
(June 2015)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NMOCD
Hobbs

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

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

HOBBS OCD
MAR 13 2017
RECEIVED

5. Lease Serial No.
NMNM12612

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
8910115840

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

8. Well Name and No.
COOPER JAL UNIT 124

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

9. API Well No.
30-025-11153-00-S1

3a. Address
303 W WALL SUITE 1600
MIDLAND, TX 79702

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

10. Field and Pool or Exploratory Area
LANGLIE MATTIX-7RVRS-QN-GB

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 19 T24S R37E NENW 669FNL 1832FWL

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			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ 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 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.

The well is uneconomic to produce at this time. Because of the current economic conditions at this time all future development plans for the field are on hold. When we increase our injection well density the subject well will benefit greatly from the increased movement of fluids. We are requesting to be granted a ~~5 yr~~ TA status for this well.

Only 1 year

Procedure:
Pull out and lay down production equipment. Set CIBP @ 2942' and cap with 10' cement. Notify OCD and perform MIT test.

See COAs

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

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

Electronic Submission #365850 verified by the BLM Well Information System
For LEGACY RESERVES OPERATING LP, sent to the Hobbs
Committed to AFMSS for processing by PRISCILLA PEREZ on 02/06/2017 (17PP0173SE)

Name *(Printed/Typed)* JOHN SAENZ — Title OPERATIONS ENGINEER

Signature (Electronic Submission) — Date 02/03/2017

APPROVED
FEB 22 2017
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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.

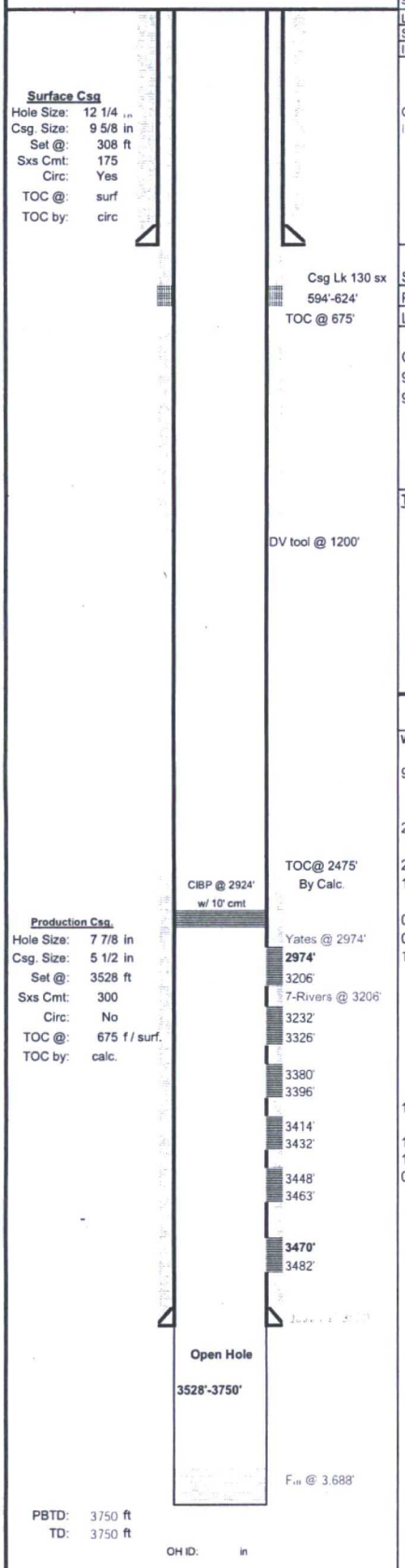
(Instructions on page 2)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

MAB/OCD
3/13/2017

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'	

GEOLOGICAL DATA

ELECTRIC LOGS:

GR-N from 2900 - 3480' (8-9-56 The Western Co.)
Injection Profile (6-23-73 WACO)

CORES, DST'S or MUD LOGS:

HYROCARBON 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: 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/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

TUBING DETAIL 5/3/2012

2800	87	2 7/8" J-55 6.5# EUE 8rd
3	1	5 1/2" x 2 7/8" TAC
600	18	2 7/8" J-55 6.5# EUE 8rd
4	1	2 7/8" Lift Sub
24	1	2 7/8" Working Barrel
1	1	2 7/8" SN
20	1	2 7/8" Desander
134	4	2 7/8" BPMA
3586		

ROD DETAIL 5/4/2012

20	1	1 1/2" x 26' PR w/ 7/8" Pin
0	1	1 1/4" x 1 1/2" x 16' Liner
14	2	6', 8' - 1" Pony Rods
1000	40	1" Steel KD Rods New
1775	71	7/8" Steel KD Rods New
600	24	1 1/2" K Bar
2	1	2' - 7/8" Pony Rod
3	1	2 1/4" x 3' Plunger
3414		

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" Buttom 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 tuibng, pump and rods.

01-Nov-11

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 barrell and rods. PWOP.

PREPARED BY: UPDATED:

BUREAU OF LAND MANAGEMENT
Carlsbad Field Office
620 East Greene Street
Carlsbad, New Mexico 88220
575-234-5972

Approved for a period of 12 months ending 02/22/2018 subject to conditions of approval.

Temporary Abandonment of Wells on Federal Lands
Conditions of Approval

A temporarily abandoned well is defined as a completion that is not capable of production in paying quantities but which may have value as a service well. Pursuant to 43 CFR 3162.3-4 (c), no well may be temporarily abandoned for more than 30 days without the prior approval of the authorized officer.

Temporary Abandonment (TA) status approval requires a successful mechanical or casing integrity test as follows:

1. A Notice of Intent (NOI) Sundry Notice (Form 3160-5) requesting approval to run a mechanical integrity test (MIT) or casing integrity test (CIT).

2. A description of the temporary abandonment procedure.

   a. A bridge plug or packer must be installed as close to 50 feet above any open perforations or open hole as possible. If a cement plug is used, the top of the cement must be verified by tagging. CIBP must be capped with minimum 25 sacks cement, placed with tubing, or 35 feet of cement if placed with bailer.

   b. The wellbore must be filled with corrosion inhibited fluid and pressure tested to 500 psi. The casing shall be capable of holding this pressure for at least 30 minutes. Any leak-off will be evaluated.

   c. All downhole production/injection equipment (tubing, rods, etc.) shall be removed from the casing if they are not isolated by a packer.

   d. A bradenhead test must be conducted. If the test indicates a problem exists, a remedial plan and time frame for remediation shall be submitted within ninety (90) days of the test.

   e. Contact the appropriate BLM office at least 24 hours prior to the scheduled Casing Integrity Test. For wells in Eddy County, 575-361-2822; Lea County 575-393-3612.

3. **Provides justification why the well should be temporarily abandoned rather than permanently plugged and abandoned and an estimated date that the well will be returned to beneficial use or plugged and abandoned. 43 CFR 3162.3-4 (a) The operator shall promptly plug and abandon...wells in which oil or gas is not encountered in paying quantities...**

Wells that successfully pass the casing integrity test **may** be approved for Temporary Abandonment (TA) status provided that the operator:

1. **Submits a subsequent Sundry Notice** (Form 3160-5) requesting TA approval **with well bore diagram** with all perforations and CIBP's and tops of cement on CIBP's.

2. Describes the temporary abandonment procedure.

3. Attaches a clear copy or the original of the pressure test chart.

4. Give justification to allow well to be place in TA status and plan for future use of well with time frame that well will be place back on line or plans to P&A well will be submitted.

If the well does not pass the casing integrity test, then the operator shall within 30 days submit to BLM for approval one of the following:

1. A procedure to repair the casing so that a TA approval can be granted.
2. A procedure to plug and abandon the well.

Cooper Jal Unit 124

1. **Well is approved to be TA/SI for a period of 12 months or until 02/22/2018**
2. **This will be the last TA approval for this well.**
3. **Must submit NOI to recomplete or NOI to P&A. Must be submitted by 02/22/2018**
4. **COA's met at this time.**