

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.

5. Lease Serial No.
NMNM12612

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

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.
Multiple--See Attached
Cooper-Jal unit 503

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

9. API Well No.
Multiple--See Attached
30-025-38330

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
JALMAT-TAN-YATES-7RVRS
LANGLIE MATTIX-7RVRS-QN-GB

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Multiple--See Attached
24S 37E 18

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 checked="" 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 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 type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input checked="" 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 recomplate 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 recomplate 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 one year

Procedure:

Pull out and lay down production equipment. Set CIBP @ 3260' and cap with 35' 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 #365851 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 (17PP0174SE)**

Name (Printed/Typed) JOHN SAENZ

Title OPERATIONS ENGINEER

Signature (Electronic Submission)

Date 02/03/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

APPROVED
FEB 22 2017
**BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE**

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*

Additional data for EC transaction #365851 that would not fit on the form

Wells/Facilities, continued

Agreement	Lease	Well/Fac Name, Number	API Number	Location
NMNM70926X	NMNM12612	COOPER JAL UNIT 503	30-025-38330-00-C1	Sec 18 T24S R37E NWSW 1332FSL 1207FWL
NMNM70926X	NMNM12612	COOPER JAL UNIT 503	30-025-38330-00-C2	Sec 18 T24S R37E NWSW 1332FSL 1207FWL

Revisions to Operator-Submitted EC Data for Sundry Notice #365851

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	TA NOI	TA NOI
Lease:	NMNM12612	NMNM12612
Agreement:		8910115840 (NMNM70926X)
Operator:	LEGACY RESERVES OPERATING LP PO BOX 10848 MIDLAND, TX 79702 Ph: 432-689-5200	LEGACY RESERVES OPERATING LP 303 W WALL SUITE 1600 MIDLAND, TX 79702 Ph: 432-682-2516 Fx: 432.686. 8318
Admin Contact:	JOHN SAENZ OPERATIONS ENGINEER E-Mail: jsaenz@legacylp.com Ph: 432-689-5200	JOHN SAENZ OPERATIONS ENGINEER E-Mail: jsaenz@legacylp.com Ph: 432-689-5200
Tech Contact:	JOHN SAENZ OPERATIONS ENGINEER E-Mail: jsaenz@legacylp.com Ph: 432-689-5200	JOHN SAENZ OPERATIONS ENGINEER E-Mail: jsaenz@legacylp.com Ph: 432-689-5200
Location:		
State:	NM	NM
County:	LEA	LEA
Field/Pool:	JALMAT;TAN-YATES-7RVRS	JALMAT-TAN-YATES-7RVRS LANGLIE MATTIX-7RVRS-QN-GB
Well/Facility:	COOPER JAL UNIT 503 Sec 18 T24S R37E NWSW 1332FSL 1207FWL	COOPER JAL UNIT 503 Sec 18 T24S R37E NWSW 1332FSL 1207FWL COOPER JAL UNIT 503 Sec 18 T24S R37E NWSW 1332FSL 1207FWL

WELLBORE SCHEMATIC AND HISTORY

CURRENT COMPLETION SCHEMATIC		LEASE NAME Cooper Jal Unit		WELL NO. 503	
STATUS: Active		Oil		API# 30-025-38330	
LOCATION: 1332 FSL & 1207 FWL, Sec 18, Unit L, T - 24-S, R - 37-E, Lee County, New Mexico					
SPUD DATE: 12/12/06		TD: 3729		KB: 3xxx	
INT. COMP. DATE: PBDT		3725		GL: 3xxx	
				KB 12.5	
<u>ELECTRIC LOGS</u>			<u>GEOLOGICAL DATA</u>		
Spectral PE-Density, CNL - from 3739' - 200' (12-19-06 Weatherford)			<u>CORES, DST'S or MUD LOGS</u>		
Microspherically Focused - Dual Laterolog - from 3737' - 400' (12-19-06 Weatherford)					
Cement Top Log from 3634' - 100' (12-21-06 Gray Wireline)					
<u>HYDROCARBON BEARING ZONE DEPTH TOPS</u>					
		Tansill @ 2,812'		Yates @ 2,970'	
		UPP 7-Rivers @ 3,200'		LWR 7-Rivers @ 3,310'	
				Queen @ ' 3,570'	
<u>CASING PROFILE</u>					
SURF. 8 5/8" - 24#, Grade 55, LT&C set@ 412'. Cmt'd w/250 sxs Class C w/ 2% CaCl - circ'd w/ 94 sx cmt to surface.					
PROD. 5 1/2" - 15.5#, Grade 55, LT&C set@ 3729' Cmt'd w/ 350 sxs Class H w/ 5% Salt + 300 sxs Class H w/ 5% Salt -					
LINER. None					
CBL TOC @ 100'					
<u>CURRENT PERFORATION DATA</u>					
CSG PERFS. OPEN HOLE:					
02-May-07 Perf'd Queen f/ 3652'-3655', 48'-50', 38'-40', 26'-28', 16'-18', 08'-12', 3586'-3588', 3569'-3571'					
02-May-07 Perf'd L 7-Rivers f/ 3549'-3558', 3518'-3521', 3473'-3478', 3442'-3464' & 3412'-3422'					
02-May-07 Perf'd (L. M.) L. 7-Rivers f/ 3378'-3383', 68'-72', & 3310'-3313', 80 ft, 240 holes, 3 JSPF 120 degree phasing.					
<u>TUBING DETAIL</u>		11/17/11		<u>ROD DETAIL</u>	
11/17/11		11/17/11		11/17/11	
<u>Length (ft)</u>	<u>Detail</u>	<u>Length (ft)</u>	<u>Detail</u>		
0	KB	20	1	26' x 1 1/4" polish rod w/ 7/8" Pin Spray Metal	
4	1	0	1	1 1/4" x 1 1/2" x 14' Inr	
3071	101	2	1	2', 8'- 7/8" pony rods	
3	1	925	37	7/8" KD-80 rods	
458	15	2000	80	3/4" C-70 rods	
4	1	600	24	1 1/4" sinker bars	
24	1	4	1	2 1/4"x4' fluted plunger	
4	1	3551			
31	1				
3599' btm					
<u>WELL HISTORY SUMMARY</u>					
02-May-07 Perf'd Queen f/ 3652'-3655', 48'-50', 38'-40', 26'-28', 16'-18', 08'-12', 3586'-3588', 3569'-71'. Perf'd L. 7-Rivers f/ 3549'-3558', 3518'-21', 3473'-78', 3442'-64' & 3412'-22'. Perf'd L. M. Lower 7-Rivers f/ 3378'-83', 3368'-72', & 3310'-13', 80 feet, 240 holes, 3 JSPF 120 degree phasing. Foam CO2 Acid Frac Queen & L. 7-Rivers w/ 190 bbls 15% NEFE acid plus 88 Tons CO2. AIR=15.6 bpm. Pmax=5673#. Pavg= 3794#. Diverted with 12,000# rock salt. ISIP= 735#. CION. Next day SITP= 460#. Flowed on 16/64th choke for 9 hrs: 13 bbls @ 5% oil cut. CION. Flowed for 3 additional days, same oil cut. RIH production string, pump and rods. PWOP.					
26-Jun-08 POOH with parted 50th 3/4" rod (box break) due to severe wear. POOH with rods, pump and tubing. Changed out 20 - 7/8" and 70 - 3/4" rod boxes. RIH with tubing, pump and rods. PWOP.					
15-Nov-11 POOH with rods, pump and tubing. Hydrotest tubing to 7000#. Laid down all 3/4" rods. RIH with plunger & rods. PWOP.					

Surface Csg

Hole Size: 12 1/4 in
 Csg. Size: 8 5/8 in
 Set @: 412 ft
 Sxs Cmt: 250
 Circ: Yes
 TOC @: surf
 TOC by: circ

Production Csg

Hole Size: 7 7/8 in
 Csg. Size: 5 1/2 in
 Set @: 3729 ft
 Sxs Cmt: 650
 Circ: no
 TOC @: 100'
 TOC by: CBL

CBP @ 3260'
 w/ 35' cmt

Jalmat

Yates @

7-Rivers @

L. M.

- 3310'-13'
- 3368'-72'
- 3378'-83'
- 3412'-22'
- 3442'-64'
- 3473'-78'
- 3518'-21'
- 3549'-58'
- Queen @
- 3569'-71'
- 3586'-88'
- 3608'-12'
- 3616'-18'
- 3626'-28'
- 3638'-40'
- 3648'-50'
- 3652'-55'

PBDT: 3725 ft
 TD: 3729 ft

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 503

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 recomplate or NOI to P&A. Must be submitted by 02/22/2018
4. COA's met at this time.