

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-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.
NM70926x

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
COOPER JAL UNIT 503 ✓

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

Contact: JOHN SAENZ

9. API Well No.
30-025-38330

3a. Address
PO BOX 10848
MIDLAND, TX 79702

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

10. Field and Pool or Exploratory Area
JALMAT; TAN-YATES-7RVRS

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 18 T24S R37E NWSW 1332FSL 1207FWL ✓

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 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 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.

CIBP set @ 2920' w/35' of cement on top. TOC @ 2885'. Perforations 3310'-3655'.

03/03/2017 Ran MIT, pressure casing to 545#. Witnessed by George Bower-NMOCD. Well is now TA'd.

Wellbore diagram attached.

Failed to meet Conditions of Approval. TA Denied

Return to Production or Plug and Abandon.

Last Reported Production Month 2015/11

DENIED

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

Electronic Submission #377875 verified by the BLM Well Information System
For LEGACY RESERVES OPERATING LP, sent to the Hobbs
Committed to AFMSS for processing by DEBORAH MCKINNEY on 06/05/2017 ()

Name (Printed/Typed) JOHN SAENZ

Title OPERATIONS ENGINEER

Signature (Electronic Submission)

Date 06/02/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

PK Swartz

Title

T PET

Date *06/05/17*

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

CFO

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
MDS/OCD 7/6/2017

WELLBORE SCHEMATIC AND HISTORY

CURRENT COMPLETION SCHEMATIC	LEASE NAME	WELL NO.																																												
	Cooper Jal Unit	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 3000 DF 3000																																													
	INT. COMP. DATE: PBTD 3725 GL 3000 KB 12.5																																													
	ELECTRIC LOGS	CORES, DST'S or MUD LOGS																																												
	Spectral PE Density, CNL from 3739' - 200' (12-19-06 Weatherford)																																													
	Microspherically Focused - Dual Laterolog from 3737' - 400' (12-19-06 Weatherford)																																													
	Cement Top Log from 3634' - 100' (12-21-06 Gray Wireline)																																													
	HYDROCARBON BEARING ZONE DEPTH TOPS																																													
	T _{max} @ 2,812' Yates @ 2,970' UPP 7-Rivers @ 3,200' LWR 7-Rivers @ 3,310' Q _{max} @ 3,570'																																													
	CASING PROFILE																																													
	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'																																													
	CURRENT PERFORATION DATA																																													
	CSG PERFS: Perf'd Queen f/ 3652'-3655', 48'-50', 38'-40', 26'-28', 16'-18', 08'-12', 3586'-3588', 3569'-3571' OPEN HOLE																																													
	02 May 07 Perf'd L 7-Rivers f/ 3549'-3558', 3518'-3521', 3473'-3478', 3442'-3444' & 3412'-3422' Perf'd L. M. Lower 7-Rivers f/ 3378'-83', 3368'-72', & 3310'-13' 80 rods.																																													
	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.																																													
	TUBING DETAIL 11/17/11 ROD DETAIL 11/17/11																																													
	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Length (ft)</th> <th>Detail</th> <th>Length (ft)</th> <th>Detail</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>KB</td> <td>20</td> <td>26' x 1 1/4" polish rod w/ 7/8" Pin Spray Metal</td> </tr> <tr> <td>4</td> <td>1 2 7/8" 6.5#, J-55 Super Max tbg.</td> <td>0</td> <td>1 1/4" x 1 1/2" x 14" inv.</td> </tr> <tr> <td>3071</td> <td>101 2 7/8" 6.5#, J-55 Super Max tbg.</td> <td>2</td> <td>1 2" 8- 7/8" pony rods</td> </tr> <tr> <td>3</td> <td>1 2 7/8" x 5 1/2" TAC</td> <td>925</td> <td>37 7/8" KD-80 rods</td> </tr> <tr> <td>458</td> <td>15 2 7/8" 6.5#, J-55 Super Max tbg.</td> <td>2000</td> <td>80 3/4" C-70 rods</td> </tr> <tr> <td>4</td> <td>1 2 7/8" 6.5#, 8 rd Lift Sub</td> <td>600</td> <td>24 1 1/4" sinker bars</td> </tr> <tr> <td>24</td> <td>1 2 1/2" Working Barrel</td> <td>4</td> <td>1 2 1/4"x4' fluted plunger</td> </tr> <tr> <td>4</td> <td>1 1 - 2 7/8" Perf Sub e/ Bull Plug</td> <td>3551</td> <td></td> </tr> <tr> <td>31</td> <td>1 2 7/8" 8 rd MABP</td> <td></td> <td></td> </tr> <tr> <td></td> <td>3599 btm</td> <td></td> <td></td> </tr> </tbody> </table>	Length (ft)	Detail	Length (ft)	Detail	0	KB	20	26' x 1 1/4" polish rod w/ 7/8" Pin Spray Metal	4	1 2 7/8" 6.5#, J-55 Super Max tbg.	0	1 1/4" x 1 1/2" x 14" inv.	3071	101 2 7/8" 6.5#, J-55 Super Max tbg.	2	1 2" 8- 7/8" pony rods	3	1 2 7/8" x 5 1/2" TAC	925	37 7/8" KD-80 rods	458	15 2 7/8" 6.5#, J-55 Super Max tbg.	2000	80 3/4" C-70 rods	4	1 2 7/8" 6.5#, 8 rd Lift Sub	600	24 1 1/4" sinker bars	24	1 2 1/2" Working Barrel	4	1 2 1/4"x4' fluted plunger	4	1 1 - 2 7/8" Perf Sub e/ Bull Plug	3551		31	1 2 7/8" 8 rd MABP				3599 btm			
Length (ft)	Detail	Length (ft)	Detail																																											
0	KB	20	26' x 1 1/4" polish rod w/ 7/8" Pin Spray Metal																																											
4	1 2 7/8" 6.5#, J-55 Super Max tbg.	0	1 1/4" x 1 1/2" x 14" inv.																																											
3071	101 2 7/8" 6.5#, J-55 Super Max tbg.	2	1 2" 8- 7/8" pony rods																																											
3	1 2 7/8" x 5 1/2" TAC	925	37 7/8" KD-80 rods																																											
458	15 2 7/8" 6.5#, J-55 Super Max tbg.	2000	80 3/4" C-70 rods																																											
4	1 2 7/8" 6.5#, 8 rd Lift Sub	600	24 1 1/4" sinker bars																																											
24	1 2 1/2" Working Barrel	4	1 2 1/4"x4' fluted plunger																																											
4	1 1 - 2 7/8" Perf Sub e/ Bull Plug	3551																																												
31	1 2 7/8" 8 rd MABP																																													
	3599 btm																																													
	WELL HISTORY SUMMARY																																													
	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 rods. 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 plungers & rods. PWOP.																																													
<p>Surface Csg</p> <p>Hole Size 12 1/4 in</p> <p>Csg Size 8 5/8 in</p> <p>Set @ 412 ft</p> <p>Sxs Cmt 250</p> <p>Circ Yes</p> <p>TOC @ surf</p> <p>TOC by circ</p>	<p>Jalmat</p> <p>Yates @</p> <p>CIBP @ 3260' w/ 35' cmt</p> <p>7-Rivers @</p> <p>L. M.</p> <p>3310'-13'</p> <p>3368'-72'</p> <p>3378'-83'</p> <p>3412'-22'</p> <p>3442'-64'</p> <p>3473'-78'</p> <p>3518'-21'</p> <p>3549'-58'</p> <p>Q_{max} @</p> <p>3569'-71'</p> <p>3586'-88'</p> <p>3608'-12'</p> <p>3616'-18'</p> <p>3626'-28'</p> <p>3638'-40'</p> <p>3648'-50'</p> <p>3652'-55'</p>	<p>Production Csg</p> <p>Hole Size 7 7/8 in</p> <p>Csg Size 5 1/2 in</p> <p>Set @ 3729 ft</p> <p>Sxs Cmt 650</p> <p>Circ no</p> <p>TOC @ 100'</p> <p>TOC by CBL</p> <p>PBTD: 3725 ft</p> <p>TD: 3729 ft</p>																																												
	PREPARED BY:	UPDATED:																																												