

Submit 1 Copy To Appropriate District Office  
District I – (575) 393-6161  
1625 N. French Dr., Hobbs, NM 88240  
District II – (575) 748-1283  
811 S. First St., Artesia, NM 88210  
District III – (505) 334-6178  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV – (505) 476-3460  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
Revised July 18, 2013

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-025-09610
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Injector <input type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator LEGACY RESERVES OPERATING LP		6. State Oil & Gas Lease No.
3. Address of Operator P.O. BOX 10848, MIDLAND, TX 79702		7. Lease Name or Unit Agreement Name Cooper Jal Unit
4. Well Location Unit Letter <u>O</u> : <u>660</u> feet from the <u>SOUTH</u> line and <u>1980</u> feet from the <u>EAST</u> line Section <u>23</u> Township <u>24S</u> Range <u>36E</u> NMPM County <u>LEA</u>		8. Well Number <u>237</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3334' GL		9. OGRID Number 240974
		10. Pool name or Wildcat Jalmat, T-Y-7R;Langlie Mattix;7R-Q-G

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☒ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐  
DOWNHOLE COMMINGLE ☐  
CLOSED-LOOP SYSTEM ☐  
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐  
OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

We are requesting the subject well be placed in TA status for four years. Legacy wants to preserve the well as a water source well once all the other wells are returned to production. At current producing well counts, we don't need it, but since we are working on returning wells to production, this well could be utilized.

Procedure:

POH with production equipment. RIH with CIBP. Set CIBP at 3,007' and cap with 35' of cement. Tag cement top. Circulate well and load casing with inert fluid. Notify NMOCD for MIT and perform MIT on well. Wellbore diagram attached.

Spud Date:

Rig Release Date:

Condition of Approval: notify  
OCD Hobbs office 24 hours  
prior of running MIT Test & Chart

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

TITLE

Regulatory Tech

DATE

06/02/2022

Type or print name  
For State Use Only

Melanie Reyes

E-mail address:

mreyes@legacyreserves.com

PHONE:

432-221-6358

APPROVED BY:

TITLE

Compliance Officer A

DATE

7/1/22

Conditions of Approval:

WELLBORE SCHEMATIC AND HISTORY			
CURRENT COMPLETION SCHEMATIC		LEASE NAME <b>Cooper Jal Unit</b>	
		WELL NO. <b>237</b>	
		API# <b>30-025-09610</b>	
		STATUS: <b>Active</b> <b>Water Injector</b>	
		LOCATION: <b>657 FSL &amp; 1980 FEL, Sec 23, T - 24S, R - 36E; Lee County, New Mexico</b>	
		SPUD DATE: <b>TD 3602 KB 3,340' DF</b>	
		INT. COMP. DATE: <b>11/09/34 PBTD 3151 GL 3,334'</b>	
		ELECTRIC LOGS: <b>GR-N from 0 - 3197 (12-9-53, Lane Wells)</b>	
		GEOLOGICAL DATA <b>GR-N from 2900 - 3270 (9-9-76 McCullough)</b>	
		CORES, DST'S or MUD LOGS:	
		HYDROCARBON BEARING ZONE DEPTH TOPS:	
		Yates @ 2940' 7-Rivers @ 3150' Queen @ 3545'	
		CASING PROFILE	
		SURF. 13 3/8" - 54#, J-55 set @ 309' Cmt'd w/130 sxs - circ cmt to surf.	
		INTR. 9 5/8" - 36#, J-55 set @ 2789' Cmt'd w/800 sxs - circulated cmt to surface.	
		PROD. 7" - 24#, J-55, set @ 3400' Cmt'd w/175 sxs cmt - TOC @ 2335' by calculation.	
		CURRENT PERFORATION DATA	
		CSG. PERFS: Isolated below CIBP: OPEN HOLE : 3400 - 4100'	
		Yates: 3057 - 62', 3070 - 82', 3094 - 3120', 3134 - 44', 3148 - 54' w/ 1 spf (59 holes total)	
		Yates & 7-R: 3190 - 3202' & 3212 - 16', 3226 - 32', & 3251 - 55' w/ 2 spf (54 holes total)	
		Cmt Sqz'd Perfs:	
		7-R: 3233 - 3300' (20 holes) sqz'd Yates: 3000 - 3020 w/ 2 spf (40 holes) sqz'd	
		Yates: 3060 - 3120' (56 holes) sqz'd Yates: 2975 - 85' w/ 2 spf (60 holes) sqz'd	
		9-Dec-53 Yates: 3060 - 3090 w/4 spf (120 holes) sqz'd	
		TUBING DETAIL 2/15/2012 ROD DETAIL	
		1830 60 3 1/2" J-55, 9.3#/ft EUE 8rd	
		12 1 5.38" x 11.9' Pump Size S6000 49 Stage	
		1 1 5.38" x 1.2' Intake	
		9 1 5.4" x 8.9' Protector	
		28 1 5.4" x 27.7' Size 540	
		1880	
		WELL HISTORY SUMMARY	
		9-Nov-34 IC: Queen/7-R f/ 3349'-3470' (OH). No stim. IP= 0 bopd, 0 bwpd, & 7,500 Mcfgpd (flw). FTP=1800 psi.	
		23-Jun-35 Pulled 7" liner. Ran 7" csg f/surf to 3400'. Drid 3400'-3500' OH. IP=1272 bopd, 0 bwpd, & 612 Mcfgpd. FTP=225#.	
		30-Jan-37 PB to 3450' w/cmt.	
		24-Nov-39 PB to 3310'. Perf'd 3233 - 3300' (20 holes). AOF=10.0 MMcfgpd	
		15-Apr-43 Set CIRC @ 3200'. Cmt sqz perfs 3233 - 3300' w/60 sxs cmt. Perf'd 3060 - 3120' (57 holes). Acdd' d w/500 gals. IP= 0 bopd, 0 bwpd and 4,500 Mcfgpd (flw) FTP=275 psi.	
		1-Aug-52 Performed 4-point test. AAOF=5.6 MMcfgpd. SITP=915 psi.	
		9-Dec-53 Production log showed major water entry from 3113'-20'. Set CIRC @ 3090'. Sqz 3060'-3120' w/38 sxs cmt. C/O to 3090'. Perf'd Yates f/ 3060 - 3090' w/ 4 spf (120 holes). Acdd' d w/ 5,000 gals 15% HCL. Set CIRC @ 3050'. Sqz'd. perfs 3060'-90' w/ 71 sxs cmt. Perf'd 2975'-85' & 3000'-20' w/2 spf (57 holes total). Acdd' d perfs w/1,000 gals 15% HCL. Frac'd w/4,000 gals lse oil carrying 4,000#'s sand. After WO: 0 bopd, 0 bwpd, & 419 Mcfgpd. FTP=90 psi.	
		23-Apr-66 Acidized perfs 2975 - 3020' w/ 250 gals Kerosene plus 1,000 gals 7 1/2% HCL. Unsuccessful. Well TA'd.	
		25-May-71 CONVERTED TO INJECTION WELL: C/O fill from 3019 - 3040' (21'). Ran pkr on 2 3/8' tbg. Initiated injection.	
		20-May-73 Sqz'd perfs 2925'-3020' w/300 sxs cmt. D/O & press tst sqz'd perfs to 1500 psi. OK. D/O cmt & CIRC's @ 3050' & 3090'. C/O to 3187'. Perf'd Yates f/ 3057'-62', 3070'-82', 3094'-3120', 3134'-44', 3148'-54', 1 spf, (59 holes total). Acdd' d perfs w/ 2,500 gals 20% HCL & 72 ball sealers. (no ball action) AIR=8 bpm @ Pavg=2300 psi. Ran PKR on 2 3/8" cement lined tbg. Set pkr @ 3022'. Initiated injection.	
		21-Jul-75 Replaced 1 jts of tbg. Returned well to injection.	
		9-Sep-76 D/O CIRC & cmt f/3173'-3270'. Perf'd 7-Rivers f/ 3190'-3202' & 3212'-16', 3226'-32', & 3251'-55' w/2 spf. Produced 100% wtr. Set CIBP @ 3160' & dmp 9' cmt on top. PBTD=3171'. Ran pkr on 2 3/8" CL tbg. Set pkr @ 3022'. PWOL.	
		22-Feb-01 Set CIBP @ 3000'. Spot 60 sxs cmt f/3000'-2700'. WOC. Tag TOC @ 2687'. Cut 7" csg @ 1990'. Pulled csg. Spot 50 sxs cmt from 2040 - 1940'. WOC. Tag TOC @ 1935'. Spot 65 sxs cmt from 1300 - 1100'. WOC. Tag TOC @ 1090'. Spot 115 sxs cmt from 350' to surface. Cap 9 5/8" casing. Installed Dry hole marker & cleaned location. NMOCD notified - well P&A'd 2-28-2001.	
		17-Apr-09 RU. PU. RIH with 8 3/4" bit on 2 7/8" tbg. Drilled cement to 184', fell out and tagged cement @ 1228' (2nd plug). Test casing to 500# - okay. Drilled cement down to 1460' & cleaned to top of 7" casing. Test casing to 500# - okay. RIH w/6 1/8" Tapered Mill & DC's. Dressed top of 7" CSG. RIH with 6 1/8" bit & DCs, tagged cmt @ 2002'. Drilled to 2,738', recovered tubular metal, RIH with 5 3/4" Texas Pattern bit, drilled from 2738' to 18" & 4". RIH with 6 1/8" Cone Buster bit & DC's. Drilled 20' recovered metal shaving & some rubber/ RIH with 5 3/4" Cut-Rite Shoe & DC's, tagged @ 2744', made 7' (recovered 2' of Tbg). RIH with 6 1/8" bit & DCs to 2747'. Drilled cement & CIBP @ 3008', test casing to 500# - okay. Drilled CIBP @ 3180' & 3180' & cement from 3276' to 3410'. Drilled cement to 3606'. Start drilling formation @ 3610'. Drilled formation from 3610' to 3,646', show of oil @ 3641'. Drilled to new TD @ 4100' in 4 days. Swabbed 120 bbls water in 2 hrs from 500' - no change in fluid level. Ran Comp.	
		14-Feb-12 Neutron Photo Density, Gamma Ray Log from 4,104' to 2700'. RIH with Sub Pump on 3 1/2" IPC TBG. Laid down 1 tubing joint.	
		PREPARED BY: Larry S. Adams D. Carrizales UPDATED: 01-Mar-12	

WELLBORE SCHEMATIC AND HISTORY			
<b>CURRENT COMPLETION SCHEMATIC</b>		<b>LEASE NAME</b> Cooper Jal Unit	
<b>STATUS:</b> Active		<b>Water Injector</b>	
<b>LOCATION:</b> 657 FSL & 1980 FEL, Sec 23, T - 24S, R - 36E, Lee County, New Mexico		<b>WELL NO.</b> 237	
<b>SPUD DATE:</b> TD 3602		<b>API#</b> 30-025-09610	
<b>INT. COMP. DATE:</b> 11/09/34 PBDT 3151		<b>KB</b> 3,340' <b>DF</b> 3,334'	
<b>ELECTRIC LOGS:</b>		<b>GEOLOGICAL DATA</b>	
GR-N from 0 - 3197 (12-9-53 Lane Wells) GR-N from 2900 - 3270 (9-9-76 McCullough)		<b>CORES, DST'S or MUD LOGS:</b>	
<b>HYDROCARBON BEARING ZONE DEPTH TOPS:</b>			
Yates @ 2940' 7-Rivers @ 3150' Queen @ 3545'			
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Neutron Photo Density, Gamma Ray Log from 4,104' to 2700'. RIH with Sub Pump on 3 1/2" IPC TBG.			
14-Feb-12 Laid down 1 tubing joint.			
<b>Production Csg.</b>			
Hole Size: 8 3/4 in			
Csg. Size: 7 in			
Set @: 3400 ft			
Sxs Cmt: 175			
Circ: No			
TOC @: 2335 f/ surf.			
TOC by: calc.			
<b>OH Interval</b>			
3400 - 4100'			
Queen @ 3545'			
Grayburg @			
PBTD: 4100 ft			
NEW TD: 4100 ft			
OH ID 6 1/8 in			
Cut & recovered 1990' of 7" csg			
Yates @ 2940'			
CIBP @ 3007' w/ 35' cmt			
3057'			
7-R @ 3150'			
3154'			
3190 - 3255'			
3255'			
3060' Sqz'd			
3120'			
3000' Sqz'd			
2985'			
2975' Sqz'd			
Surface Csg			
Hole Size: 15 1/2 in			
Csg. Size: 13 3/8 in			
Set @: 309 ft			
Sxs Cmt: 130			
Circ: Yes			
TOC @: surf			
TOC by: circ			
<b>PREPARED BY:</b> Larry S. Adams D. Carrizales			
<b>UPDATED:</b> 01-Mar-12			

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
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Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS  
  
Action 113229

CONDITIONS

Operator: LEGACY RESERVES OPERATING, LP 15 Smith Road Midland, TX 79705	OGRID: 240974
	Action Number: 113229
	Action Type: [C-103] NOI Temporary Abandonment (C-103I)

CONDITIONS

Created By	Condition	Condition Date
kfortner	Run TA status MIT/BHT test	7/1/2022