

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

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

Form C-103

Revised July 18, 2013

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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. 30-025-11472
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other INJECTOR		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 PO BOX 10848, MIDLAND, TX 79702		7. Lease Name or Unit Agreement Name LANGLIE JAL UNIT
4. Well Location Unit Letter P : 660 feet from the SOUTH line and 660 feet from the EAST line Section 6 Township 25S Range 37E NMPM County LEA		8. Well Number 67
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3216' GR		9. OGRID Number 240974
		10. Pool name or Wildcat LANGLIE MATTIX;7RVRS-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.

---SEE ATTACHED P&A PROCEDURE ALONG WITH CURRENT & PROPOSED WELLBORE DIAGRAMS---

Spud Date:

Rig Release Date:

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

SIGNATURE Laura Pina TITLE REGULATORY TECH DATE 04/10/2014

Type or print name LAURA PINA E-mail address: lpina@legacyp.com PHONE: 432-689-5200

For State Use Only

APPROVED BY: Maley Brown TITLE Dist. Supervisor DATE 4/16/2014

Conditions of Approval (if any):

APR 16 2014

**PROCEDURE TO PLUG AND ABANDON**

**Langlie Jal Unit #67**

**Langlie Mattix (7-Rivers, & Queen) Field**

**Lea County, New Mexico**

**4/7/14**

**AFE# 614031**

**GENERAL WELL DATA**

- 9-5/8" – 32# surface csg @ 298', cmt'd w/200 sxs. TOC @ surface by circ.
- 7" – 23# prod. csg @ 3,599', cmt'd w/300 sx. TOC @ 2,620' by CBL
- TD @ 3,600'
- PBTD @ 3,100'
- 7-Rivers perfs: 3,150'-3,440'
- Queen perfs: 3,440'-3,511'

**OBJECTIVE: Plug and Abandon Well.**

**PROCEDURE**

1. Hold Safety Meeting. High concentrations of H2S may be present. MIRU plugging equipment.
2. Kill well if necessary and ND WH, remove any tubing joints, and NU BOP.
3. PU work string and RIH and tag CIBP @ 3100'.
4. Circulate well with mud.
5. Spot 40 sxs of cement on top of CIBP, 3100' – 2,865'.
6. POOH with work string.
7. MIRU WL. Pick up perf gun and perf 7" csg @ ~~1,400'~~ <sup>1230'</sup>.
8. POOH wireline and RIH with tubing and packer.
9. Pump & squeeze 80 sxs of cement into perfs at ~~1,400'~~ <sup>1230'</sup> and flush to 1,130'.
10. POOH with work string and WOC.
11. Tag top of plug @ 1,130'.
12. Pick up perf gun and perf 7" csg @ 350'.
13. POOH wireline.
14. Pump & squeeze 120 sxs of cement down casing into perfs at 350' and circulate cement to surface. Cement should be on backside of 7" casing.

- 15. RDMO plugging equipment.
- 16. ND BOP.
- 17. Cut off well head and weld on marker.

PREPARED BY: Martin Staelens DATE: 4/9/14

APPROVED BY: Shawn Young DATE: 4/10/14

CURRENT COMPLETION SCHEMATIC		LEASE NAME <b>Langlie Jal Unit</b>						WELL NO. <b>67 WIW</b>		
		STATUS:		Inj	Injection	Oil	API# <b>30-025-11472</b>			
		LOCATION: 660 FSL & 660 FEL, Sec 6, T - 25 S, R - 37 E, Lee County, New Mexico								
		SPUD DATE:		11/24/58	T/D	3600	KB	3,230'	DF	3,229'
		INT. COMP. DATE:		12/18/58	PBTD	3600	GL	3,216'	GR	
		<u>ELECTRIC LOGS:</u>				<u>GEOLOGICAL DATA</u>		<u>CORES, DST'S or MUD LOGS:</u>		
		<u>HYDROCARBON BEARING ZONE DEPTH TOPS:</u>								
		Yates @ 2870'		7-Rivers @ 3080'		Queen @ 3276'				
		<u>CASING PROFILE</u>								
		Surf. Csg    9 5/8" - 32#, J -55 set @ 298' Cm't'd w/200 sxs - Circulated.								
		Prod.         7 " 23# H-40 set @ 3,599'. DV Tool @ 1180'. Cemented with 300 sx Class C. Top of Cement @ 2,620' by CBL.								
		<u>CURRENT PERFORATION DATA</u>								
		CSG. PERFS:				OPEN HOLE :				
		18-Dec-58      Perf'd Queen from (3,330'-3,370'), 4 JHPF.								
		Perf'd Queen from 3,441'-3,481', 4 JHPF.								
		Perf'd 7-R/Qn f/ 3,260'-3,320'; 4 JHPF.								
		13-Aug-81      Perf'd 7-Rivers f/ 3150'-60', 3175'-78'', & 3208'-12'.								
		02-Jan-96      Cement squeezed perfs from 3260' - 3360'; Perf'd 7-Rivers/Queen f/ 3370' - 3430' & 3445'-3511'. Stimulate all zones.								
		<u>TUBING DETAIL</u>		8/1/1991		<u>ROD DETAIL</u>				
		<u>WELL HISTORY SUMMARY</u>								
		18-Dec-58		Perf'd Queen from (3,330'-3,370'), 4 JHPF. Sand Frac with 10,000 gals refined frac oil + 10,000# sand.						
				Perf'd Queen from 3,441'-3,481', 4 JHPF. Sand Frac with 5,000 gals refined frac oil + 5,000# sand.						
				Perf'd 7-R/Qn f/ 3,260'-3,320', 4 JHPF. Treated all zones w/h 500 gals mud acid & sand frac all zones w/ 10,000 gals refined frac oil + 10,000# sand.						
				IP: 20 bopd and 340 mcfd						
		21-Jan-65		Sand Frac'd all zones with 20,000 gals crude oil and 20,000# sand. No increase in production.						
		27-Apr-72		Convert to injection. Ran 7" Guiberson Uni-Pkr VI on 2 3/8" IPC tubing., set at 3,187'.						
		23-Jul-81		Shut in well due to tubing or casing leak.						
		13-Aug-81		Perf'd 7-Rivers f/ 3150'-60', 3175'-78'', & 3208'-12'. Frac'd w/ 10,000 gals gelled acid & 10,000# sand. Placed well on injection: 740 bfpd @ 700#.						
		02-Jan-96		Cement squeezed perfs from 3260' - 3360'; Perf'd 7-Rivers/Queen f/ 3370' - 3430' & 3445'-3511'. Stimulate all zones.						
		01-Dec-01		POOH with injection equipment. Set CIBP @ +/- 3187'. Pressure test caing. Okay. Circulate casing with noncorrosive fluid.						
		11-Jan-02		MIT well - okay!						
		16-May-08		MIT well - okay!						
Surface Casg										
Hole Size: 12 1/4"										
CSG Size: 9 5/8"										
Set @ 298'										
Cmt: 2 sx Cl C										
Circ: Yes										
		TOC @ 622'								
		Calc @ 75%								
		DV Tool @ 1,180'								
PKR Fluid										
		TOC @ 2482'								
		Calc @ 75%								
		Yates @ 2892'								
Production Casing										
Hole Size: 8 3/4 in										
Csg. Size: 7 in										
Set @: 3599 ft										
Sxs Cmt: 300										
TOC : 2482' by Calc. @ 75%										
Stage 1										
TOC :622' by Calc. @ 75%										
Stage 2										
		CIBP @ 3100'								
		3150'-3160'								
		3175'-3178'								
		7-Rivers @ 3180'								
		3208'-3212'								
		3260'								
		3320'								
		3330'								
		3370'								
3370'										
3430'										
		Queen @ 3440'								
		3431'								
		3441'								
3445'										
3511'										
		7" Csg @ 3599'								
PBTD: 3600 ft										
TD: 3600 ft										
PREPARED BY:		Domingo Carrizales		UPDATED:		29-Mar-12				

WELLBORE SCHEMATIC AND HISTORY				
PROPOSED P&A				
CURRENT COMPLETION SCHEMATIC		LEASE NAME	WELL NO.	
<div>Surface Csg</div> <div>Hole Size: 12 1/4"</div> <div>CSG Size: 9 5/8"</div> <div>Set @ 298'</div> <div>Cmt: 2 sx C/C</div> <div>Circ: Yes</div> <div><div>Perf &amp; Sqz 120 sxs</div><div>350' - surface</div><div>TOC @ 622'</div><div>Calc @ 75%</div><div>DV Tool @ 1,180'</div><div>Perf &amp; Sqz 80 sxs</div><div>1,400' - 1,130'</div><div>TOC @ 2482'</div><div>Calc @ 75%</div><div>Yates @ 2892'</div><div>40 sxs</div><div>3100' - 2865'</div><div>CIBP @ 3100'</div><div>3150'-3160'</div><div>3175'-3178'</div><div>7-Rivers @ 3180'</div><div>3208'-3212'</div><div>3260'</div><div>3320'</div><div>3330'</div><div>3370'</div><div>3430'</div><div>3445'</div><div>3511'</div><div>7" Csg @ 3599'</div></div> <div>Production Casing</div> <div>Hole Size: 8 3/4 in</div> <div>Csg. Size: 7 in</div> <div>Set @: 3599 ft</div> <div>Sxs Cmt: 300</div> <div>TOC : 2482' by Calc. @ 75%</div> <div>Stage 1</div> <div>TOC :622' by Calc. @ 75%</div> <div>Stage 2</div>		STATUS: Inj	Injection	
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		PREPARED BY:	UPDATED:	
		Domingo Carrizales	29-Mar-12	