

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. 30-025-23867
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other INJECTOR <input checked="" type="checkbox"/> <b>HOBBS OCD</b>		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 <u>N</u> : <u>660</u> feet from the <u>SOUTH</u> line and <u>1980</u> feet from the <u>WEST</u> line Section <u>31</u> Township <u>24S</u> Range <u>37E</u> NMPM County <u>LEA</u>		8. Well Number <u>29</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3234' 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:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input checked="" type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input checked="" type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

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: Mary Brown TITLE Dist. Supervisor DATE 4/16/2014

Conditions of Approval (if any):

APR 16 2014

## **PROCEDURE TO PLUG AND ABANDON**

**Langlie Jal Unit #29**

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

**Lea County, New Mexico**

**4/4/14**

**AFE # 614029**

### **GENERAL WELL DATA**

- 8-5/8" – 20/24# surface csg @ 840', cmt'd w/475 sxs. TOC @ surface by circ.
- 4-1/2" – 9.5/10.5# prod. csg @ 3,595', cmt'd w/1200 sxs. TOC @ 1270'
- TD @ 3,600'
- PBTD @ 3,275'
- 7-Rivers perfs: 3,185'-3,494'
- Queen perfs: 3,517'-3,547'

**OBJECTIVE: Plug and Abandon Well.**

### **PROCEDURE**

1. Hold Safety Meeting. High concentrations of H<sub>2</sub>S 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 to set CIBP @ 3,135'.
4. Circulate well with mud.
5. Spot 27 sxs of cement on top of CIBP, 3135' – 2,760'.
6. PU to 1,400' and spot 14 sxs of cement from 1,400' – 1,200'.
7. POOH with work string and WOC.
8. Tag top of plug @ 1,200'.
9. MIRU WL. Pick up perf gun and perf 4-1/2" csg @ 890'.
10. POOH wireline and RIH with tubing and packer.
11. Pump & squeeze 75 sxs of cement into perfs at 890' and flush to 690'.
12. POOH with work string and WOC.
13. Tag top of plug @ 690'.
14. Pick up perf gun and perf 4-1/2" csg @ 400'.
15. POOH wireline.

16. Pump & squeeze 113 sxs of cement down casing into perfs at 400' and circulate cement to surface. Cement should be on backside of 4-1/2" casing.
17. RDMO plugging equipment.
18. ND BOP.
19. Cut off well head and weld on marker.

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

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

[illegible]

**WELLBORE SCHEMATIC AND HISTORY  
PROPOSED P&A**

<b>CURRENT COMPLETION SCHEMATIC</b>		<b>LEASE NAME</b>		<b>Langlie Jal Unit</b>		<b>WELL NO.</b>		<b>29 WIW</b>	
		<b>STATUS:</b>		<b>Inj</b>		<b>Oil</b>		<b>API#</b>	
		<b>LOCATION:</b>		660 FSL & 1980 FWL, Sec 31, T - 24S, R - 37E, Lee County, New Mexico					
		<b>SPUD DATE:</b>		09/09/71		TD		3600	
		<b>INT. COMP. DATE:</b>		05/10/72		PSTD		3275	
				KB		3,240'		DF	
				GL		3,231'		GR	
		<b>ELECTRIC LOGS:</b>		<b>GEOLOGICAL DATA</b>		<b>CORES, DST'S or MUD LOGS:</b>			
		<b>HYDROCARBON BEARING ZONE DEPTH TOPS:</b>							
		<b>CASING PROFILE</b>							
		<b>PROD.</b>		8 5/8" - 20/24#, K -55 set @ 840' Cmt'd w/475 sxs - TOC -Circ.					
		<b>PROD.</b>		4 1/2 " 9.5/10.5# J-55 set @ 3,595'. Cemented with 1200 sx Class C. TOC @ 1,270'.					
		<b>CURRENT PERFORATION DATA</b>							
		<b>CSG. PERFS:</b>		<b>OPEN HOLE :</b>					
		10-May-72		Perfed Queen & 7-Rivers f/ 3363', 3400'-20', 3430'-34', 3439', 3457', 3468'-72', 3494', 3517', 3533', & 3547', 1 JHPF.					
		10-May-72		Perfed Queen & 7-Rivers f/ 3185'-91', 3215'-22', 3243'-48', 3262'-69', & 3342'-3344, 1 JHPF.					
		27-Oct-83		Perf'd Queen & 7-Rivers from 3185'-91' & 3215'-3222'.					
		27-Oct-83		Cement squeezed perfs (3185'-3269')					
		27-Oct-83		Perf'd Queen & 7-Rivers from 3185'-3191' & 3215'-3222'					
		<b>TUBING DETAIL</b>		<b>ROD DETAIL</b>					
		11/1/1983							
		3095		94 2 3/8" 4.6 # IPC Tubing					
		5		1 Uni-Pkr					
		3100							
		<b>WELL HISTORY SUMMARY</b>							
		29-Mar-72		Ran GR-Neutron Collar Logs. Perf'd Queen & 7-Rivers f/ 3363', 3400'-20', 3430'-34', 3439', 3457', 3468'-72', 3494', 3517', 3533', & 3547'. Acidized (3185'-3344') w/1,000 gals Mud Acid + 500 gals 15% NEFE HCl acid. Swabbed 20% oil cut. <b>Placed on pumping.</b>					
		10-May-72		Perfed Queen & 7-Rivers f/ 3185'-91', 3215'-22', 3243'-48', 3262'-69', & 3342'-3344, 1 JHPF. Acidized with 1,000 gals Mud Acid + 500 gals 15% NEFE HCl acid. RIH with Uni-PKR on 2 3/8" IPC tubing. 3119'. <b>Place on injection.</b>					
		27-Oct-83		Squeezed holes 2,862' to 2,957' with 75 sx Class C cmt. Drilled out cement and test to 1000# - held. Cement squeezed perfs (3185'-3269') with 50 sx Class C. Re-SQZ'd with 50 sx Class C. Drilled out to 3275'. Pressure test to 1000# - held. <b>Perf'd Queen &amp; 7-Rivers from</b> 3185'-3191' & 3215'-3222'. SQZ with 300 gals Xylene (3185'-3547'). Acidized perfs (3342'-3547') with 10,000 SCF N2 + 6,000 gals with 500 SCF Acidized perfs 3185'-3222' with 9,000 SCF + 2,000 gals 7 1/2% HCl with 500 SCF/Bbl. RIH with Uni-Pkr on 2 3/8" IPC tubing. Set PKR @ 3100'					

PREPARED BY:

Domingo Carrizales

UPDATED:

15-Sep-11