

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

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. <u>30-025-11304</u>
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <u>INJECTOR</u>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator <u>LEGACY RESERVES OPERATING LP</u>		6. State Oil & Gas Lease No.
3. Address of Operator <u>PO BOX 10848, MIDLAND, TX 79702</u>		7. Lease Name or Unit Agreement Name <u>LANGLIE JAL UNIT</u>
4. Well Location Unit Letter <u>B</u> : <u>990</u> feet from the <u>NORTH</u> line and <u>1977</u> feet from the <u>EAST</u> line Section <u>31</u> Township <u>24S</u> Range <u>37E</u> NMPM County <u>LEA</u>		8. Well Number <u>1</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <u>3247' GL</u>		9. OGRID Number <u>240974</u>
		10. Pool name or Wildcat <u>LANGLIE MATTIX;7RVRS-Q-G</u>

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@legacylp.com PHONE: 432-689-5200

For State Use Only

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

Conditions of Approval (if any)

APR 16 2014

PROCEDURE TO PLUG AND ABANDON

Langlie Jal Unit #1

Langlie Mattix (7-Rivers, & Queen) Field

Lea County, New Mexico

3/24/14

AFE# 614026

GENERAL WELL DATA

- GL 3,247'
- 8-5/8" – 24# surface csg @ 170', cmt'd w/150 sx. TOC @ surf (circ'd)
- 5-1/2" – 14# prod. csg @ 3554', cmt'd w/1406 sx. TOC @ surf (circ'd)
- TD @ 3,554'
- PBTD @ 3,300'
- 7-Rivers perfs: 3,465'-3,496'
- Queen perfs: 3,496'-3,548'

OBJECTIVE: Plug and Abandon Well.

PROCEDURE

1. Hold Safety Meeting. High concentrations of H2S may be present. MIRU plugging equipment.
2. Dig out cellar. Kill well if necessary and ND WH, remove any tubing joints, and NU BOP.
3. PU work string and RIH to CIBP @ 3300'.
4. Circulate well with mud.
5. Spot 46 sxs of cement on top of CIBP (3300' – 2900').
6. PU to 1450' and spot 40 sxs of cement @ 1450'-1100'. WOC and tag.
7. PU to 350' and spot 40 sxs of cement @ 350'-surface.
8. POOH with work string.
9. RDMO plugging equipment.
10. ND BOP.
11. Cut off well head and weld on dry hole marker.

PREPARED BY: _____ Martin Staelens _____ DATE: 4-9-14 _____

APPROVED BY: _____ Shawn Young _____ DATE: 4-10-14 _____

WELLBORE SCHEMATIC AND HISTORY

CURRENT COMPLETION SCHEMATIC		LEASE NAME		WELL NO.	
<p>Surface Csg Hole Size: 12 1/4" CSG Size: 8 5/8" Set @ 170' Circ to Surf</p> <p>TOC @ 285'</p> <p>DV Tool @ 1156'</p> <p>Yates @ 2959'</p> <p>7-R @ 3185'</p> <p>CIBP @ +/- 3300'</p> <p>3465'-3472'</p> <p>Queen @ 3496'</p> <p>3478'-3506'</p> <p>3522'-3533'</p> <p>3538'-3548'</p> <p>OH 16 1/4 in</p>		Langlie Jal Unit		1 WIW	
		STATUS: Inj Injector Oil		API# 30-025-11304	
		LOCATION: 990 FNL & 1977 FEL, Sec 31, T - 24S, R - 37E, Lee County, New Mexico			
		SPUD DATE: 07/19/57/TD 3554'		KB 3247'	
		INT. COMP. DATE: 09/11/57/PBTD 3552'		GL 3247'	
		<p><u>ELECTRIC LOGS:</u></p> <p><u>HYDROCARBON BEARING ZONE DEPTH TOPS:</u></p> <p>Yates @ 2959' 7-Rivers @ 3185' Queen @ 3496'</p>		<p><u>GEOLOGICAL DATA</u></p> <p><u>CORES, DST'S or MUD LOGS:</u></p>	
		<p><u>CASING PROFILE</u></p> <p>INTER 8 5/8" - 24#, J-55 set @ 170' Cmt'd w150 sxs - TOC @ Circulated.</p> <p>PROD. 5 1/2" 14# & 15.5# J-55 set @ 3,554'. Stage I: Cemented with 250 sx. Stage II: 1,156 sx Class C. Circulated</p>			
		<p><u>CURRENT PERFORATION DATA</u></p> <p>CSG. PERFS: OPEN HOLE : 03-Aug-57 Perfd f/ 3465'-3472', 3478'-3506', 3522'-3533', & 3538'-3548'. 56 feet.</p>			
		<p><u>TUBING DETAIL</u></p> <p><u>ROD DETAIL</u></p>			
		<p><u>WELL HISTORY SUMMARY</u></p> <p>19-Jul-57 Drilled 7 7/8" hole to 3,443'; cored 7 13/16" hole f/ 3,443'-3,543' and drilled 7 7/8" hole f/ 3,543'-3,554'. Ran 5 1/2" casing and cemented. Perfd f/ 3465'-3472', 3478'-3506', 3522'-3533', & 3538'-3548'. 56 feet. Acid with 1000 gals mud acid. Frac with 20,000 gals refined oil laden with 30,000# 20/40 mesh sand and 10,000# 10/20 mesh sand. in 2 stages diverted with 160 - 1/2" ball sealers. AIR= 25 BPM. Pavg= 2400# & 2200#.</p> <p>11-Jul-57 Assigned allowable - 37 BOPD.</p> <p>20-Mar-58 Found perfs plugged with iron sulfide. Trreated with 500 gals acid and 100 gals of corrosion inhibitor. Before, 12 BO &</p> <p>8-Nov-71 Convert well to injection. RIH with 2 3/8" IPC tubing. Set a 2 3/8" by 5 1/2" Uni - PKR at 3,300'.</p> <p>30-Oct-01 T&A Well. Set CIBP +/- 3300'. Pressure test casing to 620 psig for 30 minutes. Circulated hole with noncorrosive fluid.</p> <p>6-May-08 Performed MIT: Pressure test casing to 500 psig for 30 minutes.</p>			
<p>Production Csg. Hole Size: 7 7/8" in Csg. Size: 5 1/2 in Set @: 3554 ft Sxs Cmt Stage I: 250 TOC @ 285' Sxs Cmt Stage II: 1156 TOC @ Surface</p>		<p>PREPARED BY: Domingo Carrizales</p> <p>UPDATED: 23-Mar-12</p>			

WELLBORE SCHEMATIC AND HISTORY					
PROPOSED P&A					
CURRENT COMPLETION SCHEMATIC		LEASE NAME	WELL NO.		
<div><div><div>Surface Csg</div><div>Hole Size: 12 1/4"</div><div>CSG Size: 8 5/8"</div><div>Set @ 170'</div><div>Circ to Surf</div></div><div><div>40 sxs @ 350' - surface</div><div>(Top of salt & 8-5/8" shoe)</div></div><div><div>40 sxs @ 1450' - 1100'</div><div>(Btm of salt & DV Tool)</div></div><div><div>46 sxs @ 3300' - 2900'</div></div><div><div>Production Csg</div><div>Hole Size: 7 7/8" in</div><div>Csg. Size: 5 1/2 in</div><div>Set @: 3554 ft</div><div>Sxs Cmt Stage I: 250</div><div>TOC @ 285'</div><div>Sxs Cmt Stage II: 1156</div><div>TOC @ Surface</div></div><div><div>PBTD: 3552 ft</div><div>TD: 3554' ft</div></div><div>OH 16 1/4 in</div></div> <div>TOC @ 285'</div> <div>DV Tool @ 1156'</div> <div>Yates @ 2959'</div> <div>7-R @ 3185'</div> <div>CIBP @ +/- 3300'</div> <div>3465'-3472'</div> <div>Queen @ 3496'</div> <div>3478'-3506'</div> <div>3522'-3533'</div> <div>3538'-3548'</div>		Langlie Jal Unit	1 WIW		
		STATUS:	Inj	Injector	Oil
		LOCATION:	990 FNL & 1977 FEL, Sec 31, T - 24S, R - 37E; Lee County, New Mexico		
		SPUD DATE:	07/19/57	TD	3554'
		INT. COMP. DATE:	09/11/57	PBTD	3552'
		KB	GL		
		3247'	3.256'		
<div><div>ELECTRIC LOGS:</div><div>GEOLOGICAL DATA</div><div>CORES, DSTS or MUD LOGS:</div></div>					
<div><div>HYDROCARBON BEARING ZONE DEPTH TOPS:</div><div>Yates @ 2959'</div><div>7-Rivers @ 3185'</div><div>Queen @ 3496'</div></div>					
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