

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. 30-025-11301
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other INJECTOR <input checked="" 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 PO BOX 10848, MIDLAND, TX 79702		7. Lease Name or Unit Agreement Name LANGLIE JAL UNIT
4. Well Location Unit Letter J : 1980 feet from the SOUTH line and 1930 feet from the EAST line Section 31 Township 24S Range 37E NMPM County LEA		8. Well Number 17
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3244' DR		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@legacylp.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 #17

Langlie Mattix (7-Rivers, & Queen) Field

Lea County, New Mexico

4/4/14

AFE #614027

GENERAL WELL DATA

- 8-5/8" – 40# surface csg @ 1,150', cmt'd w/450 sxs. TOC @ 484' calc'd @ 75%
- 5-1/2" – 15# prod. csg @ 3,554', cmt'd w/200 sx. TOC @ 2,601' by temp survey
- TD @ 4,006'
- PBTD @ 3,546'
- 7-Rivers perfs: 3,283'-3,515'
- Queen perfs: 3,515'-3,538'

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 to set CIBP @ 3230'.
4. Circulate well with mud.
5. Spot 40 sxs of cement on top of CIBP, 3230' – 2,835'.
6. POOH with work string. *TO 2651'. SPOT 25 SXS CMT.*
7. ~~MIRU WL. Pick up perf gun and perf 5-1/2" csg @ 1,400'.~~
8. ~~POOH wireline and RIH with tubing and packer.~~
9. ~~Pump & squeeze 26 sxs of cement into perfs at 1,400' and flush to 1,300'.~~
10. ~~POOH with work string and WOC.~~
11. ~~Tag top of plug @ 1,300'.~~
12. Pick up perf gun and perf 5-1/2" csg @ 1,200'.
13. POOH wireline and RIH with tubing and packer.
14. Pump & squeeze 62 sxs of cement into perfs at 1,200' and flush to 954'.
15. POOH with work string and WOC.

16. Tag top of plug @ 954'.
17. Pick up perf gun and perf 5-1/2" and 8-5/8" csg @ 350'.
18. POOH wireline.
19. Pump & squeeze 178 sxs of cement down casing into perfs at 350' and circulate cement to surface. Cement should be on backside of 5-1/2" and 8-5/8" casing.
20. RDMO plugging equipment.
21. ND BOP.
22. Cut off well head and weld on 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.		
<div>Surface Csg</div> <div>Hole Size: 11"</div> <div>CSG Size: 8 5/8"</div> <div>Set @ 1150'</div> <div>Cmt: 450 sx CI C</div> <div>Circ. @ 484'</div> <div>Calc'd @ 75%</div> <div>TOC @ 484'</div> <div>Calc'd @ 75%</div> <div>Production Casing</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: 200</div> <div>TOC @ 2,601' by TS.</div> <div>PKR @ 3,240'</div> <div>Yales @ 2879'</div> <div>7-R @ 3100'</div> <div>3283'-3292'</div> <div>3296'-3302'</div> <div>3327'-3335'</div> <div>3353'-3358'</div> <div>3374'-3386'</div> <div>3504'-3409'</div> <div>Queen @ 3515'</div> <div>3511'-3518'</div> <div>3530'-3538'</div> <div>CICR @ 3546'</div> <div>Shoe @ 3,554'</div> <div>90 sx Class C</div> <div>TD @ 4,006'</div> <div>PBTD: 3546 ft</div> <div>OH ID: 6 1/4"</div> <div>TD: 4006 ft</div>		Langlie Jal Unit	17 WIW		
		STATUS:	Inj	Injection	Oil
		LOCATION:	1980 FSL & 1930 FEL, Sec 31, T - 24S, R - 37E, Lee County, New Mexico		
		SPUD DATE:	08/14/57	TD	4006
		INT. COMP. DATE:	09/17/57	PBTD	3546
		KB	DF		
		GL	GR		
		3,233'	3241'		
		ELECTRIC LOGS:			
		GEOLOGICAL DATA			
		CORES, DST'S or MUD LOGS:			
		HYDROCARBON BEARING ZONE DEPTH TOPS:			
		Yales @ 2959'	7-Rivers @ 3185'		
		Queen @ 3496'			
		CASING PROFILE			
		Surf Csg 8 5/8" - 40#, H - 40 set @ 1150' Cmt'd w/ 450 sxs - TOC - 484' @ 75%..			
		PROD. 5 1/2" 15# J-55 set @ 3,554'. Cemented with 200 sx Class C. TOC @ 2,601 by TS.			
		Liner			
		CURRENT PERFORATION DATA			
		CSG. PERFS:	OPEN HOLE : 3554'-4006'		
		18-Sep-57	Perf'd 7-Rivers & Queen f/ 3,504'-09', 3,511'-18' & 3,530'-38'.		
		01-Dec-81	Perf'd 7-Rivers & Queen f/ 3283'-92', 3296'-3302', 3327'-3335', 3353'-3358', & 3374'-3386'.		
		TUBING DETAIL 2/25/2002			
		ROD DETAIL			
		3235	2 3/8" IPC Tubing		
		5	2 3/8" x 7" Uni-PKR		
		3240			
		WELL HISTORY SUMMARY			
		18-Sep-57 Perf'd 7-Rivers & Queen f/ 3,504'-09', 3,511'-18' & 3,530'-38'. Stim 5,000 gals Sandoil mixed 1 ppg. Pumping 27 bopd & 21 bwpd.			
		25-May-72 Convert to Injection. Ran 2 3/8" IPC tubing with Guiberson 2 3/8" x 5 1/2" Uni - PKR. Set at 3,384'			
		10-Mar-78 POOH with injection string. Tagged at 3,544'. Set PKR @ 3,472'. Acidized perfs 3,504'-3,538' with 3,000 gals 20% w/ 1 1/2" AFA. Injection after treatment: 300 bwpd @ 590 psig.			
		01-Dec-81 Perf'd 7-Rivers & Queen f/ 3283'-92', 3296'-3302', 3327'-3335', 3353'-3358', & 3374'-3386'. Frac'd with 15,000 gals 15% HCl carrying 15,500 # sand. After W/O Rate: 1,000 bwpd @ 0#.			
		08-Jul-00 Acidized with 500 gals 15% NEFE HCl.			
		PREPARED BY: Domingo Carrizales			
		UPDATED: 26-Aug-11			

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

CURRENT COMPLETION SCHEMATIC		LEASE NAME Langlie Jal Unit		WELL NO. 17 WIW							
		STATUS: Inj Injection Oil		API# 30-025-11301							
		LOCATION: 1980 FSL & 1930 FEL, Sec 31, T - 24S, R - 37E, Lee County, New Mexico									
		SPUD DATE: 08/14/57 TD 4006		KB DF 3241'							
		INT. COMP. DATE: 09/17/57 PBTD 3546		GL 3,233' GR							
<p>Surface Csg Hole Size: 11" CSG Size: 8 5/8" Set @ 1150' Cmt: 450 sx Cl C Circ: @ 484' Calc'd @ 75%</p> <p>Perf & Sqz 178 sxs 350' - surface</p> <p>TOC @ 484' Calc'd @ 75%</p> <p>Perf & Sqz 62 sxs 1200' - 954'</p> <p>Perf & Sqz 5XS 26 sxs 3406' - 4006'</p> <p>SPOT 25 5XS @ 2651'</p> <p>TOC @ 2601' Temp Survey</p> <p>Production Casing Hole Size: 7 7/8 in Csg. Size: 5 1/2 in Set @: 3554' ft Sxs Cmt: 200 TOC @ 2,601' by TS.</p> <p>Shoe @ 3,554'</p> <p>90 sx Class C</p> <p>TD @ 4,006'</p>		<p>ELECTRIC LOGS:</p> <p>GEOLOGICAL DATA</p> <p>CORES, DST'S or MUD LOGS:</p> <p>HYDROCARBON BEARING ZONE DEPTH TOPS:</p> <p>Yates @ 2959' 7-Rivers @ 3185' Queen @ 3496'</p> <p>CASING PROFILE</p> <p>Surf Csg 8 5/8" - 40#, H - 40 set @ 1150' Cmt'd w/ 450 sxs - TOC - 484' @ 75%..</p> <p>PROD. 5 1/2" 15# J-55 set @ 3,554'. Cemented with 200 sx Class C. TOC @ 2,601 by TS.</p> <p>Liner</p> <p>CURRENT PERFORATION DATA</p> <p>CSG. PERFS: OPEN HOLE : 3554'-4006'</p> <p>18-Sep-57 Perf'd 7-Rivers & Queen f/ 3,504'-09', 3,511'-18' & 3,530'-38'.</p> <p>01-Dec-81 Perf'd 7-Rivers & Queen f/ 3283'-92', 3296'-3302', 3327'-3335', 3353'-3358', & 3374'-3386'.</p> <p>TUBING DETAIL 2/25/2002 ROD DETAIL</p> <table style="width:100%;"> <tr> <td style="width:30%;">3235</td> <td style="width:70%;">2 3/8" IPC Tubing</td> </tr> <tr> <td>5</td> <td>2 3/8" x 7" Uni-PKR</td> </tr> <tr> <td>3240</td> <td></td> </tr> </table> <p>WELL HISTORY SUMMARY</p> <p>18-Sep-57 Perf'd 7-Rivers & Queen f/ 3,504'-09', 3,511'-18' & 3,530'-38'. Stim 5,000 gals Sandoil mixed 1 ppg. Pumping 27 bopd & 21 bwpd.</p> <p>25-May-72 Convert to injection. Ran 2 3/8" IPC tubing with Guiberson 2 3/8" x 5 1/2" Uni - PKR. Set at 3,384'</p> <p>10-Mar-78 POOH with injection string. Tagged at 3,544'. Set PKR @ 3,472'. Acidized perfs 3,504'-3,538' with 3,000 gals 20% w/ 1 1/2" AFA. Injection after treatment: 300 bwpd @ 590 psig.</p> <p>01-Dec-81 Perf'd 7-Rivers & Queen f/ 3283'-92', 3296'-3302', 3327'-3335', 3353'-3358', & 3374'-3386'. Frac'd with 15,000 gals 15% HCl carrying 15,500 # sand. After W/O Rate: 1,000 bwpd @ 0#.</p> <p>08-Jul-00 Acidized with 500 gals 15% NEFE HCl.</p> <p>PKR @ 3,240'</p> <p>40 sxs 3230' - 2835'</p> <p>Yates @ 2879'</p> <p>7-R @ 3100'</p> <p>CIBP @ 3230'</p> <p>3283'-3292'</p> <p>3296'-3302'</p> <p>3327'-3335'</p> <p>3353'-3358'</p> <p>3374'-3386'</p> <p>3504'-3409'</p> <p>Queen @ 3515'</p> <p>3511'-3518'</p> <p>3530'-3538'</p> <p>CICR @ 3546'</p>				3235	2 3/8" IPC Tubing	5	2 3/8" x 7" Uni-PKR	3240	
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PBTD: 3546 ft OH ID: 6 1/4"

TD: 4006 ft