

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. 30-025-11470
1. Type of Well: Oil Well ☐ Gas Well ☐ Other INJECTOR ☐		5. Indicate Type of Lease STATE ☐ FEE ☒
2. Name of Operator LEGACY RESERVES OPERATING LP		6. State Oil & Gas Lease No. 312452
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>6</u> Township <u>25S</u> Range <u>37E</u> NMPM County <u>LEA</u>		8. Well Number <u>69</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3207' GL		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 ☐	PLUG AND ABANDON ☒	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
CLOSED-LOOP SYSTEM ☒			
OTHER: ☐		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---

**The Oil Conservation Division
MUST BE NOTIFIED 24 Hours
Prior to the beginning of operations**

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 09/02/2014

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

For State Use Only

APPROVED BY: Maley Brown TITLE Dist. Supervisor DATE 9/4/2014

Conditions of Approval (if any):

SEP 05 2014

PROCEDURE TO PLUG AND ABANDON
Langlie Jal Unit #69
Langlie Mattix (7-Rivers, & Queen) Field
Lea County, New Mexico
8/15/14
AFE# 614070

GENERAL WELL DATA

- 10-3/4" - 34# surface csg @ 288', cmt'd w/300 sxs. TOC @ surface by circ.
- 7" - 23# prod. csg @ 3,596', cmt'd w/200 sxs. TOC @ 2,845' by Calc @ 75%.
100 sxs. @ DV Tool @ 1188'. TOC @ 863' by calc @ 75%
- TD @ 3,600'
- PBTD @ 3,100'
- 7-Rivers perfs: 3,370'-3,475'
- Queen perfs: 3,475'-3,524'

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. — *PRESSURE TEST CSG.*
5. Spot 40 sxs of cement on top of CIBP, 3100' - 2,882'.
6. POOH with work string.  *SPOT 25 SXS CMT @ 1238'. WOC & TAG*
COVER DV TOOL
7. MIRU WL. Pick up perf gun and perf 7" csg @ ~~390'~~ *338'*
8. POOH wireline and RIH with tubing and packer.
9. Pump & squeeze 70 sxs of cement into perfs at ~~390'~~ *338'* and flush to ~~240'~~ *CIRC TO SURFACE*
INSIDE & OUT
10. ~~POOH with work string and WOC.~~
11. ~~Tag top of plug @ 240'.~~
12. ~~Pick up perf gun and perf 7" csg @ 150'.~~ *VERIFY CMT TO SURFACE*
BOTH STRINGS OF CSG
13. ~~POOH wireline.~~
14. ~~Pump & squeeze 70 sxs of cement down casing into perfs at 150' and circulate cement to surface.~~
~~Cement should be on backside of 7" casing.~~

15. RDMO plugging equipment.

16. ND BOP.

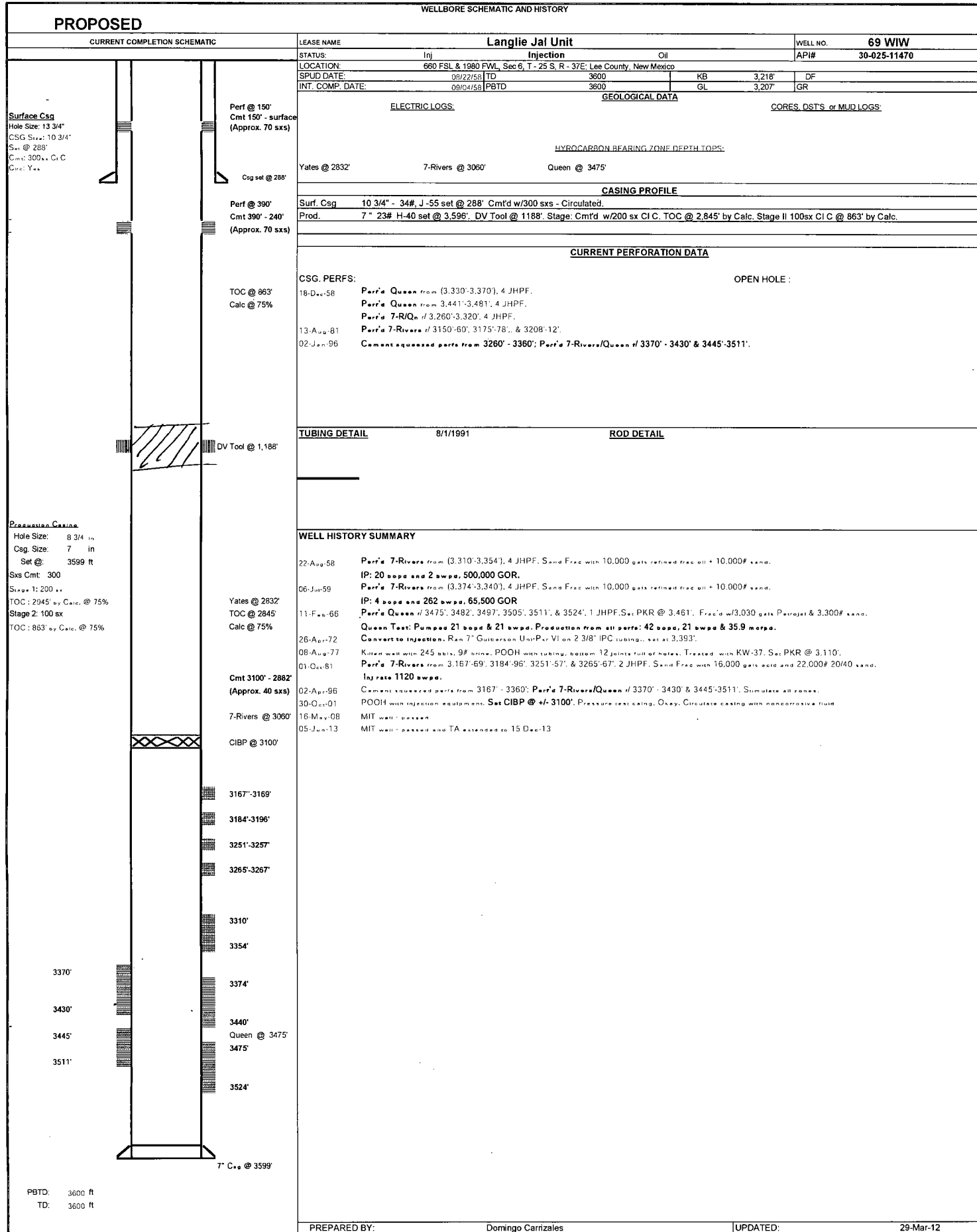
17. Cut off well head and weld on marker.

PREPARED BY: Martin Staelens DATE: 8/15/14

APPROVED BY: Shawn Young DATE: 8/15/14

CURRENT

CURRENT COMPLETION SCHEMATIC		LEASE NAME Langlie Jal Unit		WELL NO. 69 WIW	
		STATUS: Inj Injection Oil		API# 30-025-11470	
		LOCATION: 660 FSL & 1980 FWL, Sec 6, T - 25 S, R - 37E, Lee County, New Mexico			
		SPUD DATE: 08/22/58 TD 3600		KB 3,218' DF	
		INT. COMP. DATE: 09/04/58 PBTD 3600		GL 3,207' GR	
		ELECTRIC LOGS:		GEOLOGICAL DATA	
				CORES, DST'S or MUD LOGS:	
		HYDROCARBON BEARING ZONE DEPTH TOPS:			
		Yates @ 2832' 7-Rivers @ 3060' Queen @ 3475'			
		Casing Profile			
		Surf. Csg 10 3/4" - 34#, J-55 set @ 288' Cm'd w/300 sxs - Circulated.			
		Prod. 7 " 23# H-40 set @ 3,596'. DV Tool @ 1188'. Stage: Cm'd w/200 sx Cl C. TOC @ 2,845' by Calc. Stage II 100sx Cl C @ 863' by Calc.			
		CURRENT PERFORATION DATA			
		CSG. PERFS: OPEN HOLE :			
		18-Dec-58 Perfr's Queen from (3,330'-3,370'), 4 JHPF.			
		Perfr's Queen from (3,441'-3,481'), 4 JHPF.			
		Perfr's 7-R/Qn d/ 3,260'-3,320'; 4 JHPF.			
		13-Aug-81 Perfr's 7-Rivers d/ 3150'-60', 3175'-78', & 3208'-12'.			
		02-Jan-96 Cement squeezed perfs from 3260' - 3360'; Perfr's 7-Rivers/Queen d/ 3370' - 3430' & 3445'-3511'.			
		TUBING DETAIL 8/1/1991		ROD DETAIL	
		WELL HISTORY SUMMARY			
		22-Aug-58 Perfr's 7-Rivers from (3,310'-3,354'), 4 JHPF. Sand Frac with 10,000 gals refined frac oil + 10,000# sand.			
		IP: 20 bops and 2 swps, 500,000 GOR.			
		06-Jul-59 Perfr's 7-Rivers from (3,374'-3,340'), 4 JHPF. Sand Frac with 10,000 gals refined frac oil + 10,000# sand.			
		IP: 4 bops and 262 swps, 65,500 GOR			
		11-Feb-66 Perfr's Queen d/ 3475', 3482', 3497', 3505', 3511', & 3524'; 1 JHPF. Set PKR @ 3,461'. Frac'd w/3,030 gals Petrojet & 3,300# sand.			
		Queen Test: Pumped 21 bops & 21 swps. Production from all perfs: 42 bops, 21 swps & 35.9 mcrps.			
		Convert to injection. Run 7" Guiberson Uni-Pac VI on 2 3/8" IPC tubing., set at 3,393'.			
		26-Apr-72 Killed well with 245 bbls. 9# brine. POOH with tubing, bottom 12 joints full of notes. Treased with KW-37. Set PKR @ 3,110'.			
		08-Aug-77 Perfr's 7-Rivers from 3,167'-69', 3184'-96', 3251'-57', & 3265'-67', 2 JHPF. Sand Frac with 16,000 gals acid and 22,000# 20/40 sand.			
		01-Oct-81 Inj rate 1120 swps.			
		02-Apr-96 Cement squeezed perfs from 3167' - 3360'; Perfr's 7-Rivers/Queen d/ 3370' - 3430' & 3445'-3511'. Stimulate all zones.			
		30-Oct-01 POOH with injection equipment. Set CIBP @ +/- 3100'. Pressure test okay. Okay. Circulate casing with noncorrosive fluid.			
		16-May-08 MIT well - passed			
		05-Jun-13 MIT well - passed and TA extended to 15 Dec-13			
Surface Csg Hole Size: 13 3/4" CSG Size: 10 3/4" Set @ 288' Cmt: 300', Cl C Core: Yes					
Production Casing Hole Size: 8 3/4 in Csg. Size: 7 in Set @: 3599 ft Sxs Cmt: 300 Stage 1: 200 sx TOC : 2945' by Calc. @ 75% Stage 2: 100 sx TOC : 863' by Calc. @ 75%					
		DV Tool @ 1,188'			
		Yates @ 2832' TOC @ 2845' Calc @ 75%			
		7-Rivers @ 3060' CIBP @ 3100'			
		3167'-3169'			
		3184'-3196'			
		3251'-3257'			
		3265'-3267'			
		3310'			
		3354'			
		3370'			
		3374'			
		3440'			
		Queen @ 3475'			
		3475'			
		3511'			
		3524'			
		7' Csg @ 3599'			
PBTD: 3600 ft TD: 3600 ft					
PREPARED BY: Domingo Carrizales		UPDATED: 29-Mar-12			



PBTD: 3600 ft

TD: 3600 ft