Submit 1 Copy To Appropriate District	State of New Mo	exico	Form C-103
Office <u>District I</u> – (575) 393-6161	Energy, Minerals and Natu	ral Resources	Revised July 18, 2013
1625 N. French Dr., Hobbs, NM 88240			WELL API NO. /
<u>District II</u> – (575) 748-1283 811 S. First St., Artesia, NM 88210	OIL CONSERVATION	DIVISION	30-025-11472 5. Indicate Type of Lease
<u>District III</u> – (505) 334-6178	1220 South St. Frai	ncis Dr.	STATE FEE
1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> – (505) 476-3460	Santa Fe, NM 87	7505	6. State Oil & Gas Lease No.
1220 S. St. Francis Dr., Santa Fe, NM			
87505 SUNDRY NOT	ICES AND REPORTS ON WELLS		7. Lease Name or Unit Agreement Name
	SALS TO DRILL OR TO DEEPEN OR PL		/ Bease Name of Sint Agreement Name
DIFFERENT RESERVOIR. USE "APPLIC PROPOSALS.)	CATION FOR PERMIT" (FORM C-101) FO		LANGLIE JAL UNIT
1. Type of Well: Oil Well	Gas Well Other INJECTOR	HOBBS OCD	8. Well Number 67
2. Name of Operator		ADD 1 1 2018	9. OGRID Number
3. Address of Operator	SERVES OPERATING LP	APR 1 1 2014	240974 10. Pool name or Wildcat
	48, MIDLAND, TX 79702		LANGLIE MATTIX;7RVRS-Q-G
4. Well Location		RECEIVED	
Unit Letter P :	660 feet from the SOUTH	H line and 66	0 feet from the <u>EAST</u> line
Section 6	Township 25S	Range 37E	NMPM County LEA
Section <u>u</u>	11. Elevation (Show whether DR		
	3216' GR		
	-		
12. Check A	Appropriate Box to Indicate N	ature of Notice,	Report or Other Data
NOTICE OF IN		CLID	CECHENT DEDODT OF
NOTICE OF IN PERFORM REMEDIAL WORK □	PLUG AND ABANDON 🛛	REMEDIAL WORK	SEQUENT REPORT OF: K
TEMPORARILY ABANDON	CHANGE PLANS	COMMENCE DRII	_
PULL OR ALTER CASING	MULTIPLE COMPL	CASING/CEMENT	_
DOWNHOLE COMMINGLE			
CLOSED-LOOP SYSTEM			
OTHER:		OTHER:	
			I give pertinent dates, including estimated date
of starting any proposed we proposed completion or rec		C. For Multiple Con	npletions: Attach wellbore diagram of
proposed completion of rec	ompletion.		
SEE ATTACHED DRA DI	POCEDIDE ALONG WITH CHD	DENIT & DDADACE	ED WELLBODE DIAGDAMS
SEE ATTACHED F&A FI	ROCEDURE ALONG WITH CUR	KENI & PROFUSE	ED WELLBORE DIAGRAMS
Spud Date:	Rig Release Da	ate:	
Spud Date.		L	
I hereby certify that the information	above is true and complete to the b	est of my knowledge	e and helief
		,,	
Acustina.	-		
SIGNATURE XUMA MA	TITLE	REGULATORY TE	ECHDATE_04/10/2014
Type or print nameLAURA PI	NA E-mail address:	lpina@legacylp.co	PHONE: 432-689-5200
For State Use Only	0	1 0	
ARREST TY WALL M	KINIM DOWN I	$\lambda t \leq 1$	Wind - DITE 4/11/2011
Conditions of Approval (if any):	TITLE TO	ve. Juge	WYGOLD DATE 1/16/CH/4
Conditions of ripproval (it ally).		· V	ADD 18 6 2014
•			ALL W

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"
- 8. POOH wireline and RIH with tubing and packer.
- 9. Pump & squeeze 80 sxs of cement into perfs at 1.400' 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.

13. KDMO plugging equipment.	
16. ND BOP.	
17. Cut off well head and weld on marker.	
PREPARED BY:Martin Staelens	DATE:4/9/14
	4/10/14
APPROVED BY: Shawn Young	DATE: 4/10/14
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Pack				1	Langlia Ial Unit		laren.	NO. 67 WIW
The control of the	CURRENT C	OMPLETION SCHEMA	TIC	LEASE NAME STATUS:	Langlie Jal Unit	Oil		
### DESCRIPTION OF THE PARTY OF				LOCATION:	660 FSL & 660 FEL, Sec 6, T - 25 S, R - 37E; Lee Co	ounty, New Mexico	3 230' L DE	3 220'
### PACK STATE OF THE COMPANY OF THE PACK STATE OF THE COMPANY OF				INT, COMP. DA	12/18/58 PBTD 3600	GL		3,229
### Comparison of Control Control	•					EOLOGICAL DATA	CORES DS1	CS or MUD LOGS:
### Common Commo	ace Csq				222011102000		<u> </u>	
Total 1.00 Tota	Size: 9 5/8"							
For a gaze (1996) For a gaze (1996) For a	@ 298'				HYROCARBON	N BEARING ZONE DEPTH TOPS:		
Section 1987 1988	: Yes			Yates @ 2870	7-Rivers @ 3080' Queen @ 3276'	•		
### COS 1977 200 1-10 for 10 10 10 10 10 10 10 1	4. 15-7					ACING DECEN E		
Total 1.00 Tota				Surf. Csg		ASING PROFILE		
TOC 9 1747 CAL 9 174 CAL 9						ith 300 sx Class C. Top of Cen	nent @ 2,620' by CBL.	
TOC 9 1747 CAL 9 174 CAL 9	ĺ	l i						
TOC 9 1747 CAL 9 174 CAL 9				-	CURRE	IT DEDECORATION DATA		
### Supplemental			_		CORREN	IT PERFURATION DATA		
PATE Class to This Act (1997) 12-88 1987 Part Class to This Act (1997) Part Class to Th		4		CSG. PERFS			OPEN HOLE:	
PART FLAS 15A-96 15A			TOC @ 622	18-Dec-58				
10 - 10 - 10 - 10 - 10 - 10 - 10 - 10	4.4		Calc @ 75%					
20, 29-98 Prior do 1, 107 Table 2, 107 Table 2, 107 Table 3, 107 Table 3, 107 Table 4, 107 Table 4, 107 Table 5, 107 Table 6, 107 Table 7, 107 Ta								
### PATE FAIR PICE 2015 PICE 2016 PICE 2016 PICE 2017 PICE 2017 PICE 2016 PICE 2017 PICE 20	î î					ieen f/ 3370' - 3430' & 3445'-35	11'. Stimulate all zones	i.
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Performance of the company of the co				WELL HISTO	Y SUMMARY			
Performance of the company of the co				40 0 50	Perf'rt Oueen from (3.330'-3.370') 4 JHPF Sand Frac with 10	000 gals refined frac oil + 10 0	10# sand	
Part 7-ARDa 1 3 259-3375 - 1 JPF. Treated at posses with 500 gain must acid & cant force all pares with 10,000 gain pares acid & cant force all pares with 10,000 gain pares acid & cant force all pares with 10,000 gain pares acid & cant force all pares with 10,000 gain pares acid force all pares with 10,000 gain pares acid force acid & cant force all pares with 10,000 gain pares acid force acid & cant force all pares with 10,000 gain pares acid force acid f		PKR Fluid		18-Dec-38				
TOC @ 2482 21-36 n-55 Case @ 75% 23-30 Per Case @ 7				1				refined frac oil + 10,000# sand.
Case (2) 75% 27 Apr. 72 Convert to injection. Fain 7 Colubrant Unif-Pir Vi on 2 3/8 PD (2) bybing, and at 3.187. 2 2 July 2 July 3 July 4 Jul								
23.3.3 Shut is well able to being or cateling leak. 13.000 gained and & 10.000 gained gained and & 10.000 gained and & 10.000 gained and & 10.000 gained and & 10.000 gained g								
15-Aug = 1 15-		,	Calc @ 75%			C tubing., set at 3, 167.		
Core		8				0,000 gals gelled acid & 10,000	# sand. Placed well o	n injection: 740 bfpd @ 700#.,
11 - Jan - 0.2 Mil well - okay 15 - May - 0.8 Mil well -					Cement squeezed perfs from 3260' - 3360'; Perf'd 7-Rivers/Qu	ieen f/ 3370' - 3430' & 3445'-35	11', Stimulate all zones	i.
Table 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	4.5					re test caing, Okay. Circulate ca	sing with noncorrosive	fluid.
Size: 0 344 in 550 to 7 in 10 10 10 10 10 10 10 10 10 10 10 10 10	territor Const							
Side 7 in (2) 369 in (Yates @ 2892*	16-May-08	Mil well - okay!			
18 3000 h 18 3000 h 18 2412 V p. Carlo, (2) 75 h 18 22 by Carlo, (2) 75 h 22 by Carlo, (2) 75 h 23 1567-3140* 33 1567-3140* 33 260* 33 307 33 27 33 27 34 24 34 24 34 34 1* 34 41* 34 41* 34 41* 34 41* 34 41* 34 41* 34 41* 34 41* 34 41* 34 41* 34 41* 34 41* 34 41* 34 41* 34 41*	,							
2482 by Calle. @ 75% 1020 by Calle. @ 75% 2150-2160 by Calle. @ 75% 2150-2160 by Calle. @ 75% 2150-2160 by Calle. @ 75% 2268-2212 by Calle. @ 75% 2268-2212 by Calle. @ 75% 23208-2212 by Calle. @ 75% 2320								
CLIP @ 100 Colle. @ 75% 2 1359-3160* 3175-3176* 7-Rovers @ 3160* 3266*-3312* 3370* 3445* 2511* 27** Csg @ 3599**	Cmt: 300							
3150°-3150° 2	C: 2482' by Caic. @ 75%							
2 3159-3160' 3175-3178' 7-Reves @ 3180' 3206' 3320' 3330' 3370' 3430' 3441' 3441' 3511' 26TD: 3800 n	ie 1	xxxxx	CIBP @ 3100°					
3175-3178' 7-Rivers @ 3180' 3260' 3330' 3370' 3430' Cueen @ 3440' 3441' 3511' 7- Cag @ 3599'	e 2	4	31501.31601					
7-Rivers @ 31807 3260*-3212* 3330* 3370* 3442* 3441* 3511* 7**Cag @ 3599*	10.2		3130-3160	İ				
7-Rivers @ 31807 3260*-3212* 3330* 3370* 3442* 3441* 3511* 7**Cag @ 3599*			i					
3266'-3212' 3260' 3320' 3330' 3370' 3431' 3441' 3441' 3511' 7" Csg @ 3599'								
3326° 3330° 3370° 3430° 3441° 3441° 3511° 7° Cog @ 3599°			7-Rivers @ 3180					
3326° 3330° 3370° 3430° 3441° 3441° 3511° 7° Cog @ 3599°	; ; **		3300, 3313,					
3326' 3330' 3370' 3430' 3441' 3441' 3511' 7" Ceg @ 3599'			3208 -3212					
3326' 3330' 3370' 3430' 3441' 3441' 3511' 7" Ceg @ 3599'								
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3370° 3430° Queen @ 3440° 3441° 3441° 3511° 7" Csg @ 3599°	3. 	1	3320'					
3370° 3430° Queen @ 3440° 3441° 3441° 3511° 7" Csg @ 3599°								
3445° 3451° 7" Csg @ 3599°			3330'					
3445° 3451° 7" Csg @ 3599°	3.			1				
3430° Queen @ 3440° 3431° 3441° 3511° 7" Csg @ 3599°	227		3370'					
3445° 3511' 7" Csg @ 3599'	33/0.			1				
3445° 3511' 7" Csg @ 3599'	3430		Queen @ 3440					•
3445' 3511' 7" Csg @ 3599'								
3511' 7" Csg @ 3599' PBTD: 3600 ft			3441'					
3511' 7" Csg @ 3599' PBTD: 3600 ft	2445							
7" Csg @ 3599'	344\$			1				
7" Csg @ 3599'		0		1				
7" Csg @ 3599'	3511	i						
PBTD: 3600 ft						•		
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PBTD: 3600 ft		ı						
PBTD: 3600 ft								
PBTD: 3600 ft				1				
PBTD: 3600 ft	6							
PBTD: 3600 ft	700		7" Csc @ 3500"					
			ა იიმ (რიიგგ	1				
	PBTD: 3600 ft							

			PROPOSED P&A		
c	URRENT COMPLETION SCHEMATIC	LEASE NAME	Langlie Jal Unit	WELL NO.	67 WIW
	Over the second	STATUS: LOCATION:	Inj Injection 660 FSL & 660 FEL, Sec 6. T - 25 S. R - 37E; Lee County, New N	Mexico	30-025-11472
		SPUD DATE: INT, COMP. DA	11/24/58 TD 3600	- KB 3,230 DF GL 3,216 GR	3,229
		INT, COMP. DA	GEOLOGICA	AL DATA	
ce Csg		1	ELECTRIC LOGS:	CORES, DST'S or MUD L	OGS:
Size: 12 1/4"					
Size: 9 5/8* 9 298'			HYROCARBON BEARING	ZONE DEDTU TODO	•
2 sx Cl C				IZONE DEPTH TOPS.	
Yes		Yates @ 2870*	7-Rivers @ 3080' Queen @ 3276'		
			CASING PI	ROFII F	
		Surf. Csg	9 5/8" - 32#, J -55 set @ 298' Cmt'd w/200 sxs - Circulated.	KOTTEL	
	Perf & Sqz 120		7 " 23# H-40 set @ 3,599'. DV Tool @ 1180'. Cemented with 300 sx	Class C. Top of Cement @ 2,620' by CBL.	
	350' - surface				
			CUDDENT DEDEC	PATION DATA	
			CURRENT PERFO	RATION DATA	
		CSG. PERFS		OPEN HOLE :	
	TOC @ 622'	18-Dec-58	Perf'd Queen from (3,330'-3,370'), 4 JHPF.		
	Calc @ 75%	İ	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 # 3150'-60', 3175'-78',, & 3208'-12'.	701 04001 B 04451 05441 Chi	
		02-Jan-96	Cement squeezed perfs from 3260' - 3360'; Perf'd 7-Rivers/Queen f/ 337	0 - 5450 & 5445-5511. Stillidate all Zones.	
		1			
	A The Late	TUBING DET	NL 8/1/1991 ROD DE	TAU	
	DV Tool @ 1,180		ML 8/1/1991 ROD DE	IMIL	
	OV 1001@ 1,180				
		L			
	Perf & Sqz 80	sxs			
	1,400' - 1,130'				
	The state of the s	WELL WOTO	DV CIIMMA DV		
		MELL HISTO	RYSUMMARY		
	l l	18-Dec-58	Perf'd Queen from (3,330'-3,370'), 4 JHPF. Sand Frac with 10,000 gals re	refined frac oil + 10,000# sand.	
			Perf'd Queen from 3,441'-3,481', 4 JHPF. Sand Frac with 5,000 gals refin	ned frac oil + 5,000# sand.	
			Perf'd 7-R/Qn f/ 3,260'-3,320', 4 JHPF.Treated all zones w/h 500 gals mu	ud acid & sand frac all zones w/ 10,000 gals refined frac	oil + 10,000# sand.
		L	IP: 20 bopd and 340 mcfpd		
	TOC @ 2482		Sand Frac'd all zones with 20,000 gals crude oil and 20,000# sand. No inc Convert to injection. Ran 7" Guiberson Uni-Pkr VI on 2 3/8" IPC tubing.,		
	Calc @ 75%	27-Apr-72 23-Jul-81	Shut in well due to tubing or casing leak,	36t at 5,107 .	
		13-Aug-81	Perf'd 7-Rivers #/ 3150'-60', 3175'-78',, & 3208'-12'. Frac'd w/ 10,000 gais	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/ 337	'0' - 3430' & 3445'-3511', Stimulate all zones.	
		01-Dec-01	POOH with injection equipment. Set CIBP @ +/- 3187'. Pressure test cain	ng, Okay, Circulate casing with noncorrosive fluid.	
		11-Jan-02	MIT well - okay!		
uction Casing Size: 8 3/4 in	Yates @ 289	2' 16-May-08	MIT well - okay!		
. Size: 7 in	State of the state				
t @: 3599 ft	の数点を提展し、10mm/ph				
mt: 300					
2482' by Calc. @					
1 522 by Cole @ 75	CIBP @ 3100	r			
622' by Calc. @ 75 2	- 4		•		
-	3150'-3160'	- 1			
	3175'-3178'	1			
	7-Rivers @ 3	3180°			
	3208'-3212'	1			
	25 3260°				
	45.				
	3320				
	y 3330'				
	3330				
	3370				
3370			•		
3430	Queen @ 3440				
	3431' 3441'	1			
	3441				
3445					
3511'					
		1		•	
	The second secon				
	7" Csg @ 3599'	ı			
		1			
BTD: 3600 ft TD: 3600 ft					