

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. 30-025-11297
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other INJECTOR		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 P : 660 feet from the SOUTH line and 660 feet from the EAST line Section 31 Township 24S Range 37E NMPM County LEA		8. Well Number 27
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3242' DF		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 #27
Langlie Mattix (7-Rivers, & Queen) Field
Lea County, New Mexico
4/4/14
AFE# 614028

GENERAL WELL DATA

- 9-5/8" – 36# surface csg @ 1,182', cmt'd w/300 sxs. TOC @ surface by circ.
- 7" – 20# prod. csg @ 3,410', cmt'd w/200 sx. TOC @ 2,191' calc @ 75%
- TD @ 3,540'
- PBSD @ 3,540'
- 7-Rivers perfs: 3,156'-3,515'
- Queen perfs: 3,515'-3,540'

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 @ 3110'.
4. Circulate well with mud.
5. Spot 25 sxs of cement on top of CIBP, 3110' – 2,970'.
6. POOH with work string. **To 2600' . SPOT 25 sxs CMT**
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 29 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 7" csg @ 1,232'.
13. POOH wireline and RIH with tubing and packer.
14. Pump & squeeze 75 sxs of cement into perfs at 1,232' and flush to 1032'.
15. POOH with work string and WOC.

16. Tag top of plug @ 1032'.
17. Pick up perf gun and perf 7" csg @ 400'.
18. POOH wireline.
19. Pump & squeeze 134 sxs of cement down casing into perfs at 400' and circulate cement to surface. Cement should be on backside of 7" 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

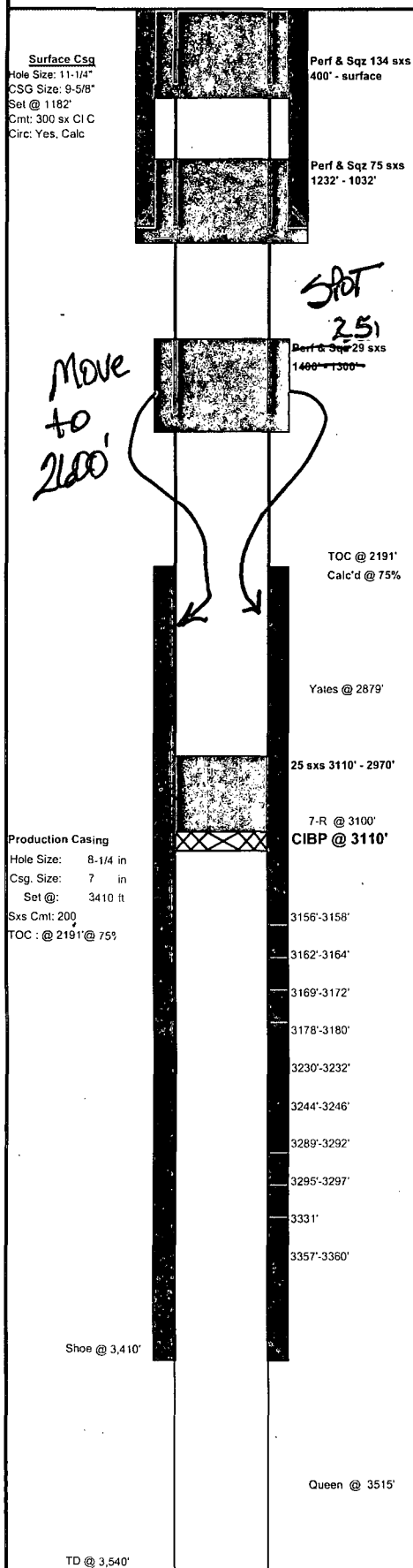
CURRENT COMPLETION SCHEMATIC					
<div>Surface Csg Hole Size: 11 1/4" CSG Size: 9 5/8" Set @ 1182' Cmt: 300 sx CI C Circ: Yes, Calc</div>					
<div>Production Casing Hole Size: 8-1/4 in Csg. Size: 7 in Set @: 3410 ft Sxs Cmt: 200 TOC : @ 2191'@ 75%</div>					
<div>Shoe @ 3,410'</div> <div>TD @ 3,540'</div>					
<div>PBTD: 3540 ft TD: 3540 ft</div>					

WELLBORE SCHEMATIC AND HISTORY					
LEASE NAME Langlie Jal Unit			WELL NO. 27 WIW		
STATUS: Inj Injection Oil			API# 30-025-11297		
LOCATION: 660 FSL & 660 FEL, Sec 31, T - 24S, R - 37E, Lee County, New Mexico					
SPUD DATE: 09/21/39 TD		3540	KB	3,234'	DF 3,233'
INT. COMP. DATE: 10/24/39 PBTD		3540	GL	3,233'	GR
ELECTRIC LOGS:			GEOLOGICAL DATA		
CORES, DST'S or MUD LOGS:					
HYDROCARBON BEARING ZONE DEPTH TOPS:					
Yates @ 2959' 7-Rivers @ 3185' Queen @ 3496'					
CASING PROFILE					
Surf Csg 9 5/8" - 36#, H - 40 set @ 1182' Cmt'd w/300 sxs - TOC -Circ.					
PROD. 7 " 20# J-55 set @ 3,410'. Cemented with 200 sx Class C. TOC- 2191', Calc'd @ 75%.					
Liner					
CURRENT PERFORATION DATA					
CSG. PERFS:			OPEN HOLE : 3410'-3540'		
04/02/74 Completed open hole natural 96 bopd flowing. Treated 3407' to 3540' with 206 quarts. Flowed 127 bopd.					
01-Nov-81 Perf'd 7-Rivers, Queen from 3156'-58', 3162'-64', 3169'-72', 3178'-80', 3230'-32', 3244'-46', 3289'-92', 3295'-97',3331', & 3357'-60', 1 jhp.					
TUBING DETAIL			ROD DETAIL		
3123 103 2 3/8" IPC Tubing					
5 2 3/8" x 5 1/2" Uni-PKR					
3128					
WELL HISTORY SUMMARY					
10-Sep-39 Completed open hole natural 96 bopd flowing. Treated 3407' to 3540' with 206 quarts. Flowed 127 bopd.					
07-Jun-72 RIH 2 3/8" IPC tubing and 7" Uni-PKR set at 3,265'. Convert to injection.					
01-Nov-81 Ran Logs. Perf'd 7-Rivers, Queen from 3156'-58', 3162'-64', 3169'-72', 3178'-80', 3230'-32', 3244'-46', 3289'-92', 3295'-97',3331', & 3357'-60' 1 JHPF. Frac'd with 10,000 gals gelled acid plus 10,000# sand. Placed back on injection @ 900 bwpd 480#.					
Yates @ 2879'					
7-R @ 3100'					
PKR @ 3,123'					
3156'-3158'					
3162'-3164'					
3169'-3172'					
3178'-3180'					
3230'-3232'					
3244'-3246'					
3289'-3292'					
3295'-3297'					
3331'					
3357'-3360'					
Queen @ 3515'					
PREPARED BY: Domingo Carrizales					
UPDATED: 06-Sep-11					

WELLBORE SCHEMATIC AND HISTORY

PROPOSED P&A

CURRENT COMPLETION SCHEMATIC



LEASE NAME

Langlie Jal Unit

WELL NO.

27 WIW

STATUS:

Inj

Injection

Oil

API#

30-025-11297

LOCATION:

660 FSL & 660 FEL, Sec 31, T - 24S, R - 37E; Lee County, New Mexico

SPUD DATE:

09/21/39

TD

3540

KB

3,234'

DF

3,233'

INT. COMP. DATE:

10/24/39

PBD

3540

GL

3,233'

GR

ELECTRIC LOGS:

GEOLOGICAL DATA

CORES, DST'S or MUD LOGS:

HYDROCARBON BEARING ZONE DEPTH TOPS:

Yates @ 2959'

7-Rivers @ 3185'

Queen @ 3496'

CASING PROFILE

Surf Csg 9 5/8" - 36#, H - 40 set @ 1182' Cmt'd w/300 sxs - TOC -Circ.

PROD. 7" 20# J-55 set @ 3,410'. Cemented with 200 sx Class C. TOC- 2191'. Calc'd @ 75%.

Liner

CURRENT PERFORATION DATA

CSG. PERFS:

OPEN HOLE :

3410'-3540'

04/02/74

Completed open hole natural 96 bopd flowing. Treated 3407' to 3540' with 206 quarts. Flowed 127 bopd.

01-Nov-81

Perf'd 7-Rivers, Queen from 3156'-58', 3162'-64', 3169'-72', 3178'-80', 3230'-32', 3244'-46', 3289'-92', 3295'-97', 3331', & 3357'-60', 1 jhpf.

TUBING DETAIL

3/1/2002

ROD DETAIL

3123 103

2 3/8" IPC Tubing

5

2 3/8" x 5 1/2" Uni-PKR

3128

WELL HISTORY SUMMARY

10-Sep-39 Completed open hole natural 96 bopd flowing. Treated 3407' to 3540' with 206 quarts. Flowed 127 bopd.

07-Jun-72 RIH 2 3/8" IPC tubing and 7" Uni-PKR set at 3,265'. Convert to injection.

01-Nov-81 Ran Logs. Perf'd 7-Rivers, Queen from 3156'-58', 3162'-64', 3169'-72', 3178'-80', 3230'-32', 3244'-46', 3289'-92', 3295'-97', 3331', & 3357'-60' 1 JHPF. Frac'd with 10,000 gals gelled acid plus 10,000# sand. Placed back on injection @ 900 bwpd 480#.

PREPARED BY:

Domingo Carrizales

UPDATED:

06-Sep-11

PBD: 3540 ft

TD: 3540 ft