

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

WELL API NO. 30-025-11298
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No. 309574
7. Lease Name or Unit Agreement Name LANGLIE JAL UNIT
8. Well Number 18
9. OGRID Number 240974
10. Pool name or Wildcat LANGLIE MATTIX;7RVRS-Q-G

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.)	
1. Type of Well: Oil Well ☐ Gas Well ☐ Other INJECTOR	
2. Name of Operator LEGACY RESERVES OPERATING LP	
3. Address of Operator PO BOX 10848, MIDLAND, TX 79702	
4. Well Location Unit Letter <u>I</u> : <u>1980</u> feet from the <u>SOUTH</u> line and <u>330</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>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3240' DF	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		E-PERMITTING	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☒	REI <u>P&A NR</u>	P&A R <u> </u>
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COI <u>INT TO P&A P.M.</u>	COMP <u> </u>
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CA: <u>CSNG</u>	CHG Loc <u> </u>
DOWNHOLE COMMINGLE ☐		TA <u> </u>	RBDMS CHART <u> </u>
CLOSED-LOOP SYSTEM ☒		OTHER: <u> </u>	
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 AND 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 01/06/2015

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

For State Use Only

APPROVED BY: Maelys Brown TITLE Dist. Supervisor DATE 1/8/2015

Conditions of Approval (if any):

JAN 13 2015

PROCEDURE TO PLUG AND ABANDON

Langlie Jal Unit #18

Langlie Mattix (7-Rivers, & Queen) Field

Lea County, New Mexico

12/17/14

AFE# 615005

GENERAL WELL DATA

- 9-5/8" – 36# surface csg @ 1176', cmt'd w/200 sxs. TOC @ 65' by calc.
- 7" – 24# prod. csg @ 3,430', cmt'd w/250 sxs. TOC @ 1860' by Calc
- TD @ 3,535'
- PBSD @ 3,508'
- 7-Rivers perms: 3,355'-3,392'
- Queen perms: 3,430'-3,508' open hole

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 and NU BOP.
3. POOH with any tbq in the well.
4. PU work string and TIH and tag cement plug at 2775'. ✓
5. Circulate well with mud.
6. POOH with work string.
7. Pick up perf gun and perf 7" csg @ 1225' and POOH with wireline. ✓
8. Pick up work string and packer and TIH. Set packer and sqz 75 sx of cement into perms at 1225' and displace to 925'.
9. POOH with work string and pkr and WOC.
10. Tag top of plug @ 925'.
11. Pick up perf gun and perf 7" csg @ 350'. ✓
12. POOH wireline.
13. Pump & squeeze 100 sxs of cement down casing into perms at 350' and circulate cement to surface. Cement should be on backside of 7" casing.
14. RDMO plugging equipment.

15. ND BOP.

16. Cut off well head and weld on marker.

APPROVED BY: Shawn Young

DATE: 12/17/14

WELLBORE SCHEMATIC AND HISTORY

CURRENT COMPLETION SCHEMATIC		LEASE NAME		Langlie Jal Unit		WELL NO.		18 WIW			
Surface Csg Hole Size: 11 1/4" CSG Size: 9 5/8" Set @ 1176' Cmt: 200 sx C/C Calc: 65' Calc'd @ 75%		STATUS: Inj Injection T&A'd Oil LOCATION: 1980 FSL & 330 FEL, Sec 31 T - 24S, R - 37E, Lee County, New Mexico SPUD DATE: 12/03/39 TD 3535 KB 3240 INT. COMP. DATE: 01/13/40 PBTD 3508 GL		API# 30-025-11298		TOC @ 65' Calc'd @ 75%		ELECTRIC LOGS: GEOLOGICAL DATA CORES, DST'S or MUD LOGS: HYDROCARBON BEARING ZONE DEPTH TOPS: Yates @ 2957' 7-Rivers @ 3185' Queen @ 3496'		CASING PROFILE Surf Csg 9 5/8" - 36#, H - 40 set @ 1176' Cmt'd w/ 200 sxs - TOC - 65' @ 75%. PROD. 7" - 24# J-55 set @ 3,430'. Cemented with 250 sx Class C. TOC - 1860' @ 75%. Liner	
Production Casing Hole Size: 6 3/4 in Csg. Size: 7 in Set @ 3430' ft Sxs Cmt 250 TOC @ 283', Calc'd @ 75%		TOC @ 1860' Calc'd @ 75%		CURRENT PERFORATION DATA CSG. PERFS: 12-Jan-40 Open hole 3,430'-3,535', No stimulation. Flowing 200 bopd, 100% oil with 70 mcfpd gas.. 29-May-74 Perf'd 7-Rivers & Queen ff 3355'-65', 3368'-70' & 3378'-92' 29 holes.		OPEN HOLE: 3430'-3535'		TUBING DETAIL 2/25/2002 ROD DETAIL 2 3/8" IPC Tubing 2 3/8" x 7" Uni-PKR			
31 sx Class C 150 sx Class C 25 sx Class C CIBP @ 3,305' 3355'-3365' 3368'-3370' 3376'-3392' Queen @ 3515' CICR @ 3546' Shoe @ 3,430' TD @ 3,535' PBTD 3508 ft OH ID: 6 1/4" TD 3535 ft		Yates @ 2879' Casing Leak @ 2936'-2967' 7-R @ 3160'		WELL HISTORY SUMMARY 12-Jan-40 Open hole 3,430'-3,535', No stimulation. Flowing 200 bopd, 100% oil with 70 mcfpd gas.. 29-May-74 Cleaned out to 3,508'. Perf'd 7-Rivers & Queen ff 3355'-65', 3368'-70' & 3378'-92' 29 holes. Acidized with 1,500 gals 15% NEFE HCl. 19-Apr-85 Cleaned out to 3,508'. Acidized perfs 3,355'-3,329' with 5,000 gals 15% plus 1,500 rock salt. Convert to Injection. 28-Aug-90 Squeezed 7" casing leak from 2936'-2967' with 150 sxs Class C cement - held. Injection rate: 419 bwpp @ 190#. 08-Jan-02 Test casing - no test. 18-Feb-02 Set CIBP @ 3,305'. Spotted with 25 sx Class C cement plug on CIBP. Spotted with 31 sxs Class C plug from 2,775'-2,990'. Well T&A'd.		PREPARED BY: Domingo Carrizales UPDATED: 01-Sep-11					

WELLBORE SCHEMATIC AND HISTORY

PROPOSED

CURRENT COMPLETION SCHEMATIC		LEASE NAME		Langlie Jal Unit		WELL NO.		18 WIW	
Surface Csg Hole Size: 11 1/4" CSG Size: 9 5/8" Set @ 1176' Cmt: 200 sx Class C Calc'd @ 75% 7 1/2" cement plug 1-50' @ 1000'		STATUS: Inj LOCATION: 1980 FSL & 330 FEL Sec 31 T. 24S R. 37E Lee County, New Mexico SPUD DATE: 12/08/91 TD INT. COMP. DATE: 01/13/40 PBTD		Injection T&A'd 3535 3508		Oil KB GL		API# 30-025-11298 OF 3240' GR	
Part @ 250' 100' to surface TOC @ 65' Calc'd @ 75% Part @ 1025' 75' to 925'		ELECTRIC LOGS CORES, DSTS, or MUD LOGS HYDROCARBON BEARING ZONE DEPTH TOPS: Yates @ 2959' 7-Rivers @ 3185' Queen @ 3496'		Casing Profile Surf Csg 9 5/8" - 365', H - 40 set @ 1176' Cmt'd w/ 200 sx - TOC - 65' @ 75% PROD. 7" - 24# J-55 set @ 3,430'. Cemented with 250 sx Class C. TOC - 1860' @ 75% Liner		CURRENT PERFORATION DATA CSG. PERFS: 12-Jan-40 Open hole 3,430'-3,535'. No stimulation. Flowing 200 bopd, 100% oil with 70 mcfpd gas. 29-May-74 Perf'd 7-Rivers & Queen f/ 3355'-65', 3368'-70' & 3378'-92' 29 holes.		OPEN HOLE : 3430'-3535'	
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PBTD 3508 ft
TD 3535 ft

OH ID: 6 1/4"