OCD Hobbs

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

5. Lease Serial No.
NMLC052950 55546

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
☐ Oil Well ☐ Gas Well ☒ Other: INJECTION

8. Well Name and No.
LANGLIE JAL UNIT 46

2. Name of Operator
LEGACY RESERVES OPERATING LP
Contact: MARTIN STAELENS
E-Mail: mstaelens@legacylp.com

9. API Well No.
30-025-11453

3a. Address
PO BOX 10848
MIDLAND, TX 79702

3b. Phone No. (include area code)
Ph: 281-465-8387 Ext: 224

10. Field and Pool, or Exploratory
LANGLIE MATTIX;7RVRS-Q-G

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 5 T25S R37E SWNE 1980FNL 1980FEL

11. County or Parish, and State
LEA COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☒ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

SEE ATTACHED P&A PROCEDURE ALONG WITH CURRENT AND PROPOSED WELLBORE DIAGRAMS.

NOTIFY OCD

APR 28 2014

RECLAMATION PROCEDURE ATTACHED

RECEIVED

SEE ATTACHED FOR CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #242175 verified by the BLM Well Information System
For LEGACY RESERVES OPERATING LP, sent to the Hobbs
Committed to AFMSS for processing by JIM AMOS on 04/24/2014 ()

Name *(Printed/Typed)* MARTIN STAELENS — Title PRODUCTION ENGINEER

Signature (Electronic Submission) — Date 04/14/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By James A. Amos — Title SEPS — Date 4-24-14

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office CFO

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

MSB/OCD 4/29/2014

APR 30 2014

PROCEDURE TO PLUG AND ABANDON
Langlie Jal Unit #46
Langlie Mattix (7-Rivers, & Queen) Field
Lea County, New Mexico
4/7/14
AFE# 614033

GENERAL WELL DATA

- 9-5/8" – 28# surface csg @ 295', cmt'd w/225 sxs. TOC @ surface by circ.
- 5-1/2" – 10.5# prod. csg @ 3,508', cmt'd w/300 sx. TOC @ 2,338' by Calc @ 75%
- TD @ 3,702'
- PBTD @ 3,702'
- 7-Rivers perfs: 3,250'-3,496'
- Queen perfs: 3,496'-3,702'

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 set CIBP @ 3180'.
4. Circulate well with mud.
5. Spot ~~25~~ 50 +/- sxs of cement on top of CIBP, 3180' – ~~2,950'~~. 2670 (T/Yates & B/Salt) WOC Tag.
6. POOH with work string.
7. MIRU WL. Pick up perf gun and perf 5-1/2" csg @ ~~1,200'~~ 1310
8. POOH wireline and RIH with tubing and packer.
9. Pump & squeeze 32 sxs of cement into perfs at ~~1,200~~ 1310 SQZ cmt to ~~1210~~ 1110 (DVT & T/Salt) and ~~flush to 960'~~.
10. POOH with work string and WOC.
11. Tag top of plug @ ~~960'~~ ~~1210~~ 1110
12. Pick up perf gun and perf 5-1/2" 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 5-1/2" casing.

15. RDMO plugging equipment.

16. ND BOP.

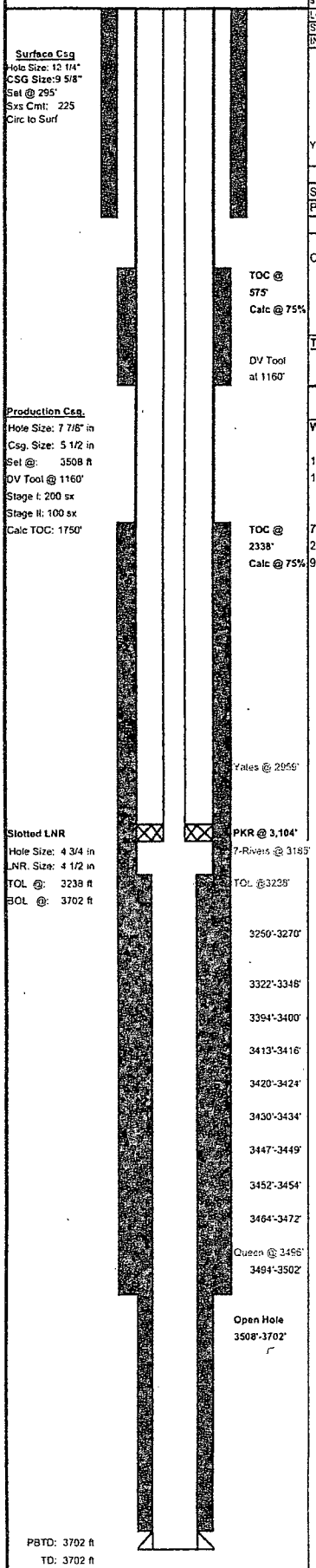
17. Cut off well head and weld on marker.

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	Langlie Jal Unit					WELL NO.	46 WIW
STATUS:	Inj	Injector	Oil			API#	30-025-11483
LOCATION:	1980 FNL & 1980 FEL, Sec 5, T - 25S, R - 37E: Lee County, New Mexico						
SPUD DATE:	04/17/56	TD	3702	KB		DF	3,245'
INT. COMP. DATE:	05/01/56	PBTD	3702	GL	3,245'		

GEOLOGICAL DATA

ELECTRIC LOGS:

CORES, DSTS or MUD LOGS:

HYROCARBON BEARING ZONE DEPTH TOPS:

Yates @ 2959' 7-Rivers @ 3185' Queen @ 3496'

CASING PROFILE

Surf	9 5/8" - 28#, J-55 set@ 295' Cmt'd w/225 sxs - TOC @ Circulated.
PROD.	5 1/2" 10.5# H 40 set @ 3508'. DV @ 1160'. Cemented with 300 sx Stage 1: 200 sx Stage II: 100 sx.
	4 1/2 Slotted Liner 3238'-3702'

CURRENT PERFORATION DATA

CSG. PERFS: OPEN HOLE :

TUBING DETAIL

3100	2 3/8" IPC Tubg
4	5 1/2" AD-1 PKR
3104	

ROD DETAIL

WELL HISTORY SUMMARY

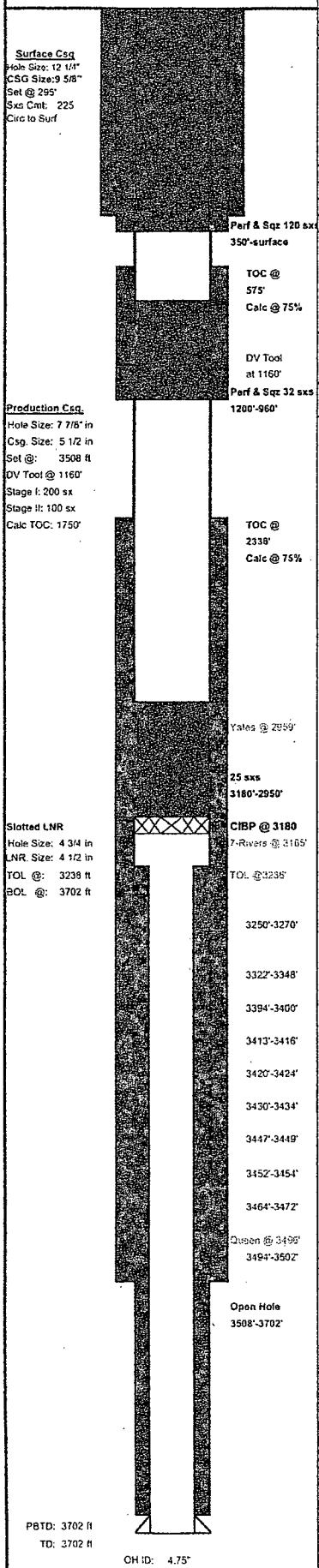
1-Jun-56	**Perf'd 7-Rivers** 3250' to 3270' with 4 jet hole per foot. Sand Frac with 5,000 gals and 1 PPG sand. **IP: 40 bopd and estimated 3000 MCFPD.**
17-May-74	Deepened 4 1/2" Hole from 3508' to 3,625' Queen). Acidized open hole with 1,500 gals 15% NEFE HCl acid. **Perf'd 7-Rivers** from 3394'-3400', 3413'-3416', 3420'-3424', 3430'-3434', 3447'-3449', 3452'-3454', 3464'-3472', & 3494'-3502', 1 JHPF, 45 shots. Acidized 7-R/Q (3394'-3502') with 1700 gals 15% NEFE HCl and (3250'-3300') with 1000 gals 15% NEFE HCl acid. Rih with 2 3/8" 10-V Prod string. PWOP.
7-Dec-85	Cleaned out from 3,516' to 3,625'. Perf'd 3322'-3348'. Set PKR at 3,190'. Acidized w/ 5,000 gals HCl acid. **AIR= 4.7 bpm. Pavg= 1600#**
28-May-90	Washed with down-jet hydra blast nozzle, recovered iron sulfide down to 3,619'. Washed with side-jet to 3619'. Return to injection.
9-May-02	POOH with injection string & Guiberson PKR. Hydrotest IPC tubing to 5,000# & aker AD-1 PKR. Pressure test to 315# for 30 minute - okay.

PREPARED BY:	Domingo Carrizales	UPDATED:	18-Jul-11

WELLBORE SCHEMATIC AND HISTORY

PROPOSED P&A

CURRENT COMPLETION SCHEMATIC



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PREPARED BY:	Domingo Carrizales	UPDATED:	07-Apr-14