

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

HOBBS OCD

JAN 30 2014

RECEIVED

OIL CONSERVATION DIVISION
220 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. 30-025-27844
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		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>K</u> : <u>1424</u> feet from the <u>SOUTH</u> line and <u>2450</u> feet from the <u>WEST</u> line Section <u>32</u> Township <u>24S</u> Range <u>37E</u> NMPM County <u>LEA</u>		8. Well Number <u>99</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3248' 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: REACTIVATE ☒		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.

OBJECTIVE: DRILL OUT CIBP @ 3123', ACIDIZE ENTIRE INTERVAL AND INSTALL ROD PUMP EQUIPMENT.

SEE ATTACHED PROCEDURE ALONG WITH CURRENT & PROPOSED WELLBORE DIAGRAMS.

OCD REQUIRES AFTER RETURNING
WELL TO PRODUCTION;
Subsequent report on when and how well was returned
to production. Also form C-104 with Transporters, Perfs,
producing from, Tubing size and depth, and 24 hour
production test.

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 01/28/2014

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

For State Use Only

APPROVED BY: Mark White TITLE Compliance Officer DATE 02/03/2014

Conditions of Approval (if any):

FEB 03 2014

PROCEDURE TO REACTIVATE
Langlie Jal Unit #99
Langlie Mattix (7-Rivers, & Queen) Field
Lea County, New Mexico
1/3/14

GENERAL WELL DATA

- KB 3,260'
- 8-5/8" csg @ 838', cmt'd w/600 sx. TOC @ surf (circ'd)
- 5-1/2" csg @ 3,720', cmt'd w/1325 sx. TOC @ surf (circ'd)
- TD @ 3,720'
- PBTD @ 3,720'
- 7-Rivers perms: 3,173'-3,388'
- Queen perms: 3,464'-3,609'
- AFE# 214014

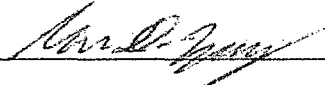
OBJECTIVE: *Drill out CIBP @ 3123', Acidize entire interval, and install rod pump equipment.*

PROCEDURE

1. Hold Safety Meeting. High concentrations of H₂S may be present. MIRU PU.
2. Kill well if necessary and ND WH and NU BOP.
3. PU bit, collars, and 2-7/8" work string and TIH to CIBP at 3123'.
4. Drill out CIBP and continue pushing plug and cleaning out to PBTD of 3720'. Circ well clean and POOH with work string and BHA.
5. Pick up treating packer and RIH with packer on work string to 3125'. Set packer and test back side to 300 psi. Bleed off pressure.
6. MIRU service company and acidize down tubing with 10,000 gals of 15% HCL acid and 10,000 lbs of rock salt. Pump acid and rock salt at 5 to 10 BPM with a max surface treating pressure of 4500 psig. Pump acid stages alternating acid and rock salt in brine water.
 - a. Pump 1000 gals acid
 - b. Pump 700#'s rock salt in brine water
 - c. Pump 1500 gals acid
 - d. Pump rock salt stage and increase or decrease rock salt based on pressure response of previous diversion stage.
 - e. Pump 2000 gals acid
 - f. Pump rock salt stage. Choose rock salt volume based on pressure response
 - g. Pump 2500 gals acid
 - h. Pump rock salt stage. Choose rock salt volume based on pressure response
 - i. Pump 3000 gals acid
 - j. Displace acid to top perf with 2%KCL water

7. Obtain 5, 10, & 15 minute SIP's and flow back load if well has surface pressure. If not RU swab and swab back load. Report results to Woodlands office.
8. Release pkr and TOH with WS and pkr. LD pkr.
9. TIH with notched collar and WS and wash salt to PBTD.
10. TOH and lay down WS.
11. PU 2-7/8" mud anchor jt, 2-7/8" perf sub, 2-7/8" SN, 16 jts 2-7/8" tbg, TAC, and remainder of 2-7/8" tbg. Set TAC at +/- 3125'.
12. ND BOP and NU WH. PU 15' gas anchor, insert pump w/1-3/4" plunger, 300' 1-1/4" k-bars, 2300' 3/4" D sucker rods, and 1025' 7/8" D sucker rods.
13. Install pumping tee and stuffing box. Check pump action and hang well on.
14. RDMO PU.
15. Check alignment on PU and start pmppg unit at 7.5 spm ccw rotation.
16. As well stabilizes get well test and fluid level.

PREPARED BY: Martin Staelens DATE: 1-3-14

APPROVED BY:  DATE: 1-6-14

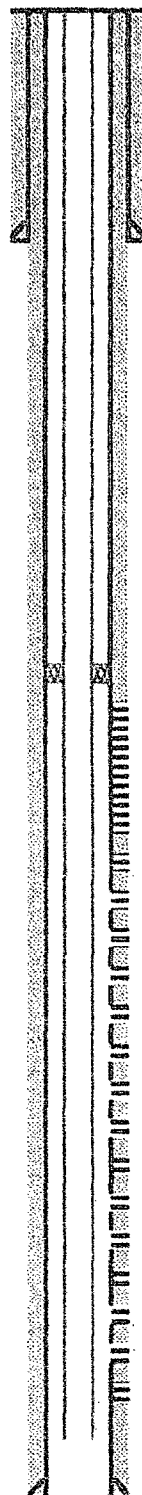
Field: Langlie Mattix (7-Rivers & Queen)

LJU #99 - PROPOSED

AFE # 214014

Location:	
Footage:	1424 FSL & 2450 FWL
Section:	Sec. 32, T - 24S, R - 37E
Block:	
Survey:	
County:	Lea
Lat:	
Long:	
Elevations:	
GL:	3,248'
KB:	3,260'
KB Calc:	12'
ok w/ log?	n/a

Wellbore Diagram



Reservoir:	Langlie Jnl
Well ID Info:	LJU #99
API No:	30-026-27844
Sand Date:	7/18/1982

Hole Size:	12-1/4"
Surf. Csg:	8-5/8" - 24#, K-55
Set @:	838'
Cement w/:	600 sxs Cl C
Circ:	Yes
TOC:	Surface

Date	History
29-Jul-82	Per'd (7-Rivers/Queen) from 3173'-75', 3177'-83', 3185'-89', 3192', 3237'-40', 3301', 3305', 3309', 3314'-17', 3320'-23', 3326', 3338', 3349'-51', 3663'-66', 3381'-88', 3464'-71', 3483'-86', 3500'-03', 3519', 3522', 3525'-27', 3532'-34', 3537'-39', 3552'-54', 3563', 3567', 3582', 3603', & 3609', 1 JHPF, 83 holes; Acidized 7-Rivers/Queen with 3,000 gals 15% NEFE acid, Frac'd 7-Rivers/Queen w/ 40,000 gals galic acid and 47,000# 20/40 mesh sand in 4 equal stages dropping 40 ball sealers. AIR= 15 bpm, ISIP= 470#. Potential Test 9/2/82: 5 bopd, 99 bwpd & 185 mcfpd.
28-Oct-88	Set CIBP @ 3,123' w/ 10,000#. Loaded hole with PKR fluid and pressure tested to 500 psig. Well T&A'd.
15-Jan-96	Note: it was proposed that around 15 Jan '96 to acid pay in unit intervals approximately 3,400'-3,700' and then return the well to production. However it does not appear that this ever happened. Well remained T&A'd.
1-May-96	Test casing. TA status expires 5/1/96.
15-May-98	Pressure tested casing to 500 psig for 30 minutes according to Rule 203. Casing held at 500+ psig.
18-Jun-13	Performed 30 min, 500 psi annulus MIT. Passed.

Hole Size:	7-7/8"
Prod. Csg:	5-1/2" - 15.5#, J-55

Set @:	3720'
Cement w/:	1325 sxs Cl C

Circ:	Yes
TOC:	Surface

Notes @ 2963'

CIBP @ 3123'
7-R @ 3125' TAC @ 3135'3173'-3175'
3177'-3183'
3185'-3189'
3192'
3237'-3240'
3301', 3305', 3309'
3314'-3317'

3320'-3323'

3325', 3338'

3349'-3351'

3363'-3366'

3381'-3388'
Queen @ 3464'
3464'-3471'

3483'-3486'

3500'-3503'

3519', 3522'

3525'-3527'

3532'-3534'

3537'-3539'

3552'-3554'

3563', 3567', 3582'

3603', 3609'

BOT @ 3,584'

Tubing Detail (top to bottom)			
Joints	Description	Footage	Depth
99	2-7/8" tubing	3,119	3,119
1	Tubing Anchor	4	3,123
16	2-7/8" tubing	504	3,627
1	2-7/8" cast nipple	4	3,631
1	2-7/8" perforated sub	4	3,635
1	2-7/8" mud anchor joint	32	3,664

Rod Detail (top to bottom)			
Rods	Description	Footage	Depth
41	7/8" D sucker rods (25 ft each)	1,025	1,025
32	3/4" D sucker rods (25 ft each)	2,300	3,325
12	1-1/4" K-bars (25 ft each)	308	3,633
1	Insert pump w/ 1-3/4" plunger	1	3,634
1	Gas anchor	15	3,649

Updated: 12/18/13 MS

PBTD 3720'
TD 3720'