

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

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

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 A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-025-11314
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other INJECTOR <input checked="" type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator LEGACY RESERVES OPERATING LP		6. State Oil & Gas Lease No. 309574
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>H</u> : <u>1980</u> feet from the <u>NORTH</u> line and <u>660</u> feet from the <u>EAST</u> line Section <u>32</u> Township <u>24S</u> Range <u>37E</u> NMPM County <u>LEA</u>		8. Well Number <u>7</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3269' 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:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☒
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐
CLOSED-LOOP SYSTEM ☒
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐
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 & 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 08/28/2014

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

For State Use Only

APPROVED BY: Malcolm Brown TITLE Dist. Supervisor DATE 9/8/2014

Conditions of Approval (if any)

SEP 08 2014

fm

PROCEDURE TO PLUG AND ABANDON
Langlie Jal Unit #7
Langlie Mattix (7-Rivers, & Queen) Field
Lea County, New Mexico
8/15/14

Langlie Mattix (7-Rivers, & Queen) Field
Lea County, New Mexico
8/15/14

GENERAL WELL DATA

- 9-5/8" - 36# surface csg @ 426', cmt'd w/225 sx. TOC @ surf (circ'd)
- 7" - 24# prod. csg @ 3402', cmt'd w/360 sxs. TOC @ surf (circ'd)
- 4-1/2" liner @ 3,388' - 3,550', cmt'd
- TD @ 3,680'
- PBTD @ 3,255'
- 7-Rivers perfs: 3,370' - 3,446'
- Queen perfs: 3,478' - 3,680'

OBJECTIVE: Plug and Abandon Well.

PROCEDURE

1. Hold Safety Meeting. High concentrations of H₂S may be present. MIRU plugging equipment.
2. Dig out cellar. Kill well if necessary and ND WH, remove any tubing joints, and NU BOP.
3. PU work string and RIH and tag CIBP @ 3255'. *← WILL ACCEPT. IN FUTURE SET CIBP WITHIN 100' OF PERFS.*
4. Circulate well with mud.
5. Spot 40 sxs of cement on top of CIBP (3255' - 3035'). *← WOC & TAG*
6. PU to 570' and spot 40 sxs of cement @ 570' - 350'. *← *ADD 40SXS CMT. @ 1100' WOC & TAG*
7. POOH with work string. WOC.
8. RIH with work string and tag TOC. Should be around 350'.
9. PU to 220' and spot 40 sxs of cement @ 220' - surface.
10. POOH with work string.
11. RDMO plugging equipment.
12. ND BOP.
13. Cut off well head and weld on dry hole marker.

PREPARED BY: Martin Staelens DATE: 8/15/14

APPROVED BY: Shawn Young DATE: 8/15/14

Field: **Langlie Mattix (7-Rivers & Queen)**

Location:	
Footage:	1980 FNL & 660 FEL
Section:	32, T - 24S, R - 37E
Block:	
Survey:	
County:	Lea
Lat:	
Long:	
Elevations:	
GL:	3269'
DF:	3277'
KB:	3278'
KB Calc:	
ck wlog?	

Date	History
01-Jun-39	Nitro Shot open hole from 3402' to 3680' with 220 quarts. Flowed 40 BOPD and 100 MCFPD.
01-Jan-65	Well T&A'd
14-Apr-72	Convert to inj. RIH with 108 jts 2-3/8" IPC tbg. Set w/ Guilberson Uni-PKR at 3329'.
30-Apr-74	Tagged top liner @ 3388' - no info on when the liner was run. Cleaned out inside liner w/ 3-7/8" Kut-Rite to 3680'. Ran logs. CBL shoes good cmt bonding across the 4-1/2" liner.
1-May-74	Perf'd 7- Rivers & Queen from 3307'-3376', 3389'-3405', 3418'-3434', 3439'-3446', 3478'-3492', 3508'-3516', & 3526'-3534'. 1 JHPF, 82 holes. Acidized Open hole with 1,500 gals 15% Ne HCl; acidized perfs with 2,000 gals 15%.
1-Mar-78	Acidized with 6,500 gals 20% Ne HCl w/ 1 1/2" HFA flushed w/5,000 gals injection water.
4-Dec-92	Cleaned out with 1 1/4" coil tubing from 3313' to 3,585'. Unable to go past 3,585'. Return well to injection.
20-Feb-02	Well T&A. MIT failed after re-setting PKR many times.
7-Aug-02	Pumped with 40 bbls Polymer Gel down annulus. Pressure up to 350 psig. Held.
6-May-08	Pressure test casing to 5-- psig for 30 minutes. Casing held.

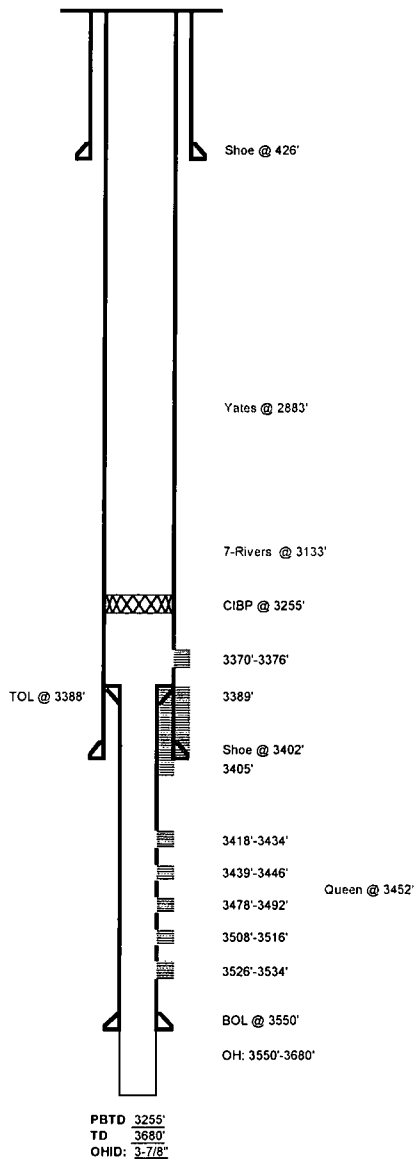
Tubing Detail (top to bottom)			
Joints	Description	Footage	Depth

Rod Detail (top to bottom)			
Rods	Description	Footage	Depth

Pumping Unit:
Updated: RG 7/22/2014

Langlie Jal Unit #7

CURRENT Wellbore Diagram



Reservoir: Langlie Jal

Well ID Info:	7
API No:	30-025-11314
Spud Date:	5/4/1939

Hole Size:	12-1/4"
Surf. Csg:	9-5/8" - 36#, H-40
Set @	426'
Cement w/	225 sxs
Circ:	Yes
TOC:	Surface

Hole Size:	8-3/4"
Prod. Csg:	7" - 24#, H-40
Set @	3402'
Cmt'd w/	360 sxs Class C
Circ:	Yes
TOC:	Surface

Liner:	4-1/2"
TOL @	3388'
BOL @	3550'
Cmt'd:	Yes

Field: **Langlie Mattix (7-Rivers & Queen)**

Location:	
Footage:	1980 FNL & 660 FEL
Section:	32, T - 24S, R - 37E
Block:	
Survey:	
County:	Lea
Lat:	
Long:	
Elevations:	
GL:	3269'
DF:	3277'
KB:	3278'
KB Calc:	
ck wlog?	

Date	History
01-Jun-39	Nitro Shot open hole from 3402' to 3680' with 220 quarts. Flowed 40 BOPD and 100 MCFPD.
01-Jan-65	Well T&A'd
14-Apr-72	Convert to inj. RIH with 108 jts 2-3/8" IPC tbg. Set w/ Guilberson Uni-PKR at 3329'.
30-Apr-74	Tagged top liner @ 3388' - no info on when the liner was run. Cleaned out inside liner w/ 3-7/8" Kut-Rite to 3680'. Ran logs. CBL shoes good cmt bonding across the 4-1/2" liner.
1-May-74	Perf'd 7-Rivers & Queen from 3307'-3376', 3389'-3405', 3418'-3434', 3439'-3446', 3478'-3492', 3508'-3516', & 3526'-3534'. 1 JHPF, 82 holes. Acidized Open hole with 1,500 gals 15% Ne HCl; acidized perfs with 2,000 gals 15%.
1-Mar-78	Acidized with 6,500 gals 20% Ne HCl w/ 1 1/2" HFA flushed w/5,000 gals injection water.
4-Dec-92	Cleaned out with 1 1/4" coil tubing from 3313' to 3,585'. Unable to go past 3,585'. Return well to injection.
20-Feb-02	Well T&A. MIT failed after re-setting PKR many times.
7-Aug-02	Pumped with 40 bbls Polymer Gel down annulus. Pressure up to 350 psig. Held.
6-May-08	Pressure test casing to 5- psig for 30 minutes. Casing held.

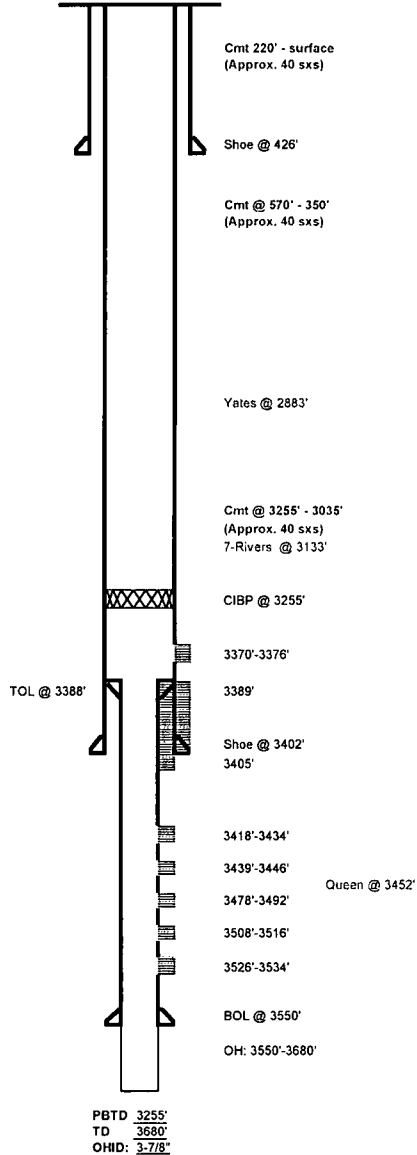
Tubing Detail (top to bottom)			
Joints	Description	Footage	Depth

Rod Detail (top to bottom)			
Rods	Description	Footage	Depth

Pumping Unit:
Updated: RG 7/22/2014

Langlie Jal Unit #7

PROPOSED Wellbore Diagram



Reservoir:	Langlie Jal
Well ID Info:	7
API No:	30-025-11314
Spud Date:	5/4/1939

Hole Size:	12-1/4"
Surf. Csg:	9-5/8" - 36#, H-40
Set @:	426'
Cement w/:	225 sxs
Circ:	Yes
TOC:	Surface

Hole Size:	8-3/4"
Prod. Csg:	7" - 24#, H-40
Set @:	3402'
Cmt'd w/:	360 sxs Class C
Circ:	Yes
TOC:	Surface

Liner:	4-1/2"
TOL @:	3388'
BOL @:	3550'
Cmt'd:	Yes