

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. 30-025-24480
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No. 312452
7. Lease Name or Unit Agreement Name LANGLIE JAL UNIT
8. Well Number 70
9. OGRID Number 240974
10. Pool name or Wildcat LANGLIE MATTIX; 7R-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 ☐	
2. Name of Operator LEGACY RESERVES OPERATING LP	
3. Address of Operator P.O. BOX 10848, MIDLAND, TX 79702	
4. Well Location Unit Letter <u>M</u> : <u>660</u> feet from the <u>SOUTH</u> line and <u>460</u> feet from the <u>WEST</u> line Section <u>6</u> Township <u>25S</u> Range <u>37E</u> NMPM LEA County	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) GL 3183'	

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 PROCEDURE---

OIL CONSERVATION DIVISION - Hobbs office **Must Be Notified**
24 hours prior to the beginning of Plugging 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

Melanie Reyes

TITLE

REGULATORY TECH

DATE

12/31/13

Type or print name

MELANIE REYES

E-mail address:

MREYES@LEGACYLP.COM

PHONE:

(432) 689-5200

For State Use Only

APPROVED BY:

Melanie Brown

TITLE

Compliance Officer

DATE

1/6/2014

Conditions of Approval (if any):

DEC 06 2014

PROCEDURE TO PLUG AND ABANDON
Langlie Jal Unit #70
Langlie Mattix (7-Rivers, & Queen) Field
Lea County, New Mexico
12/23/13

GENERAL WELL DATA

- KB 3,194'
- 8-5/8" surface csg @ 787', cmt'd w/500 sx. TOC @ surf (circ'd)
- 5-1/2" prod. csg @ 3781', cmt'd w/960 sx. TOC @ 1700' (by CBL)
- TD @ 3,781'
- PBTD @ 3,530'
- 7-Rivers perfs: 3,115'-3,459'
- Queen perfs: 3,492'-3,670'

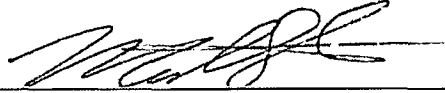
OBJECTIVE: *Plug and Abandon Well.*

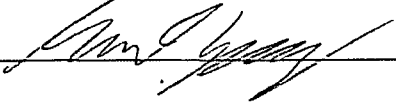
PROCEDURE

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 CIBP @ 3065'.
4. Circulate well with mud.
5. Spot ⁴⁰~~34~~ sxs of cement on top of CIBP.
6. ~~PU to 2355' and spot 25 sxs of cement @ 2355'-2150'.~~
7. POOH with work string. **PERF @ 1400'. SQZ 25 SXS CMT. WOC & TAG.**
8. MIRU WL. Pick up perf gun and perf 5-1/2" csg @ 983'.
9. POOH wireline and RIH with tubing and packer.
10. Pump & squeeze 75 sxs of cement into perfs at 983' and flush to 737'.
11. POOH with work string and WOC.
12. Tag top of plug @ 737'.
13. Pick up perf gun and perf 5-1/2" csg @ 395' and POOH w/wire line.
14. Pump cement down casing and circulate cement to surface.
15. RDMO plugging equipment.

16. ND BOP.

17. Cut off well head and weld on marker.

PREPARED BY:  DATE: 12-23-13

APPROVED BY:  DATE: 12-30-13

	Location:
Posttype:	660 FSL & 460 FWL
Section:	6 T - 25S, R - 37E
Block:	
Survey:	
County:	Lee
Lot:	
Legal:	
	Elevations:
GL:	3.183'
KB:	3.194'
KB Calc:	11'
ch w/loop?	n/a

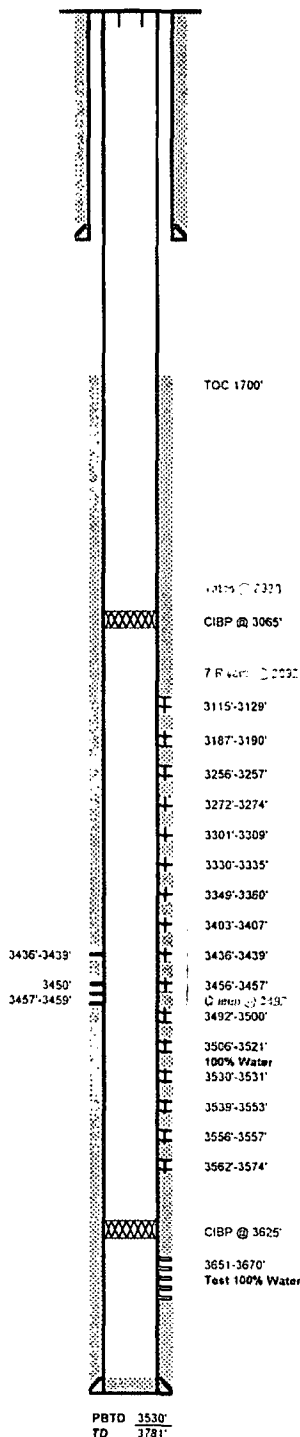
Wellbore Diagram

Hole Size:	12-1/4"
Surf. Cas:	8-5/8" - 20#, J-55
Set @:	787'
Cement w/	300 sxx
Circ:	Yes
TOC:	Surface

Hole Size:	7-7/8"
Prod. Csq:	5-1/2" x 15.5W J-55
Set @	3781'
Cement w/	980 xrx Class C
Circ:	No
TOC:	1700' by CBL

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Pumping Unit:
Updated: 19-Dec-13



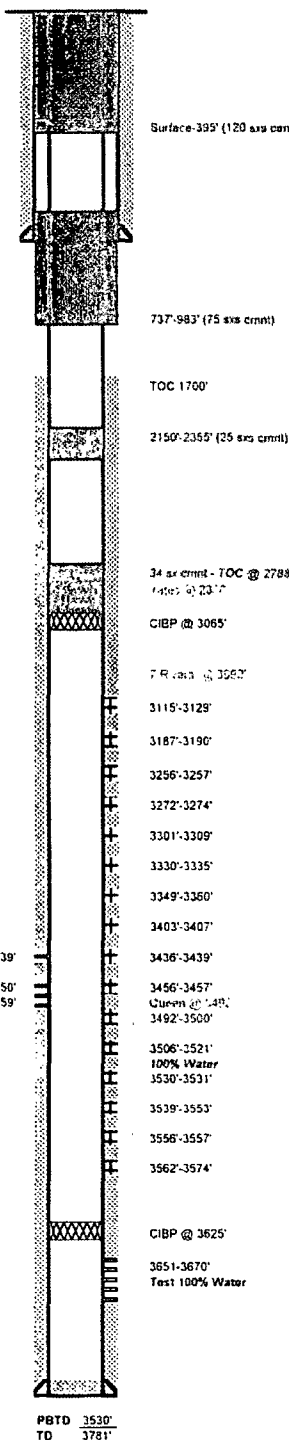
	Location:
Footage:	660 FSL & 460 FWL
Section:	6 T - 25S, R - 37E
Block:	
Survey:	
County:	Lee
Lat:	
Long:	
	Elevations:
GL:	3 183'
KB:	3 184'
KR Culp:	11'
ck w/sg?	n/a

Date	History
01-Jan-74	Perf'd Queen @ 3,351'-3870', 1 JHPF, 15 holes. Acidized with 1,000 gals 15% NEFE HCl acid. Tested 100% water. Set CIBCIP @ 3,625'. Perf'd Queen/Rivers @ 3,403'-07', 3436'-39', 3456'-57', 3492'-3500', 3506'-21', 3530'-31', 3539'-53', 3556'-57', & 3562'-74', 68 holes. Acidized with 2,000 gals 15% NEFE HCl acid. TEST 100% water. Set CICR @ 3,382'. Cement squeezed with 600 sx Class C. Perf'd 7-Rivers @ 3,115'-29', 3187'-90', 3256'-57', 3272'-74', 3301'-09', 3330'-35', & 3349'-60'; IP: 2 bopd, 58 bwpd & Gas TSTM. Tagged at 3,278'.
1-Jan-75	SI Well.
1-May-75	Set CICR @ 2,940'. Squeezed (3,215'-3360') with 300 sx Class C cement. Drilled out to 3,530'. Set CICR @ 3281'. Squeezed perfs (3301'-3530') with 200 sx Class C. Set CICR @ 3,285'. Squeezed (3,301'-3360') with 300 sx Class C cement. Drilled out to 3,530'. Set CICR @ 2950'. Squeezed perfs (3225'-3274') with 200 sx Class C. Set CICR @ 3,285'. Squeezed (3,301'-3360') with 300 sx Class C cement. Drilled out to 3,530'. Set CICR @ 2950'. Squeezed perfs (3115'-3274') with 200 sx Class C. Drilled out to CICR @ 3,287'. Pressure test to 1000# - good. Drilled out to 3,530'. Set CICR @ 3378'. Cement squeezed perfs(3403'-3535') with 300 Class C. Drilled out to 3,530'. Perf'd Queen/Rivers @ 3,436'-59', 1 JHPF, Perf / 3436'-39', 3450', & 3457-59'. Acidized with 750 gals 15% NEFE HCl. Put on pump. Test, 14 bopd, 156 bwpd & 7 mcpd.
1-May-82	Pulled production string and laid down. SI.
1-Nov-86	Set CIBCIP @ 3,065' w/ 10,000# Loaded hole. T&A'd Well.
1-May-91	Performed MIT - okay.
1-Oct-91	Meridian Operator.

[illegible][illegible]

Langille Jal Unit # 70 - Proposed
AFE # 614001

Wellbore Diagram



Reservoir:	Longlake Jai
Well ID Info:	70
API No:	30-025-24480
Spud Date:	9/10/1973
Hole Size:	12-1/4"
Surf. Cas:	8-5/8" - 20M, J-55
Set @:	787'
Cement w/	500 sgs
Circ:	Yes
TOC:	Surface
Hole Size:	7-7/8"
Prod. Cas:	5-1/2" - 15.5M, J-55
Set @:	3781'
Cement w/	960 xsm Class C
Circ:	No
TOC:	1700' by CBL