

State of New Mexico
Energy, Minerals and Natural ResourcesForm C-103
Revised July 18, 2013OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505WELL API NO.
30-025-10470

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Langlie Mattix Penrose Sand Unit

8. Well Number 212

9. OGRID Number

240974

10. Pool name or Wildcat

Langlie Mattix; 7Rvrs-Queen-Grayburg

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 INJECTION

2. Name of Operator

LEGACY RESERVES OPERATING LP

3. Address of Operator

PO BOX 10848, MIDLAND, TX 79702

4. Well Location

Unit Letter N : 660 feet from the SOUTH line and 1980 feet from the WEST lineSection 27 Township 22S Range 37E NMPM County LEA

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

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

REMEDIAL WORK

COMMENCE DRILLING OPNS. ☐CASING/CEMENT JOB ☐OTHER: ☐INT TO PA PM

P&A NR

P&A R

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.

NOTIFY OCD 24 HOURS PRIOR TO
BEGINNING 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

Laura Pina

TITLE

Compliance Coordinator

DATE 04/04/2018

Type or print name

Laura Pina

E-mail address:

lpina@legacylp.com

PHONE: 432-689-5200

For State Use Only

APPROVED BY:

Manuel Pineda

TITLE

P.E.S.

DATE

04/09/2018

Conditions of Approval (if any):

C103 INTENT TO P&A EXPIRES
1 YEAR FROM DATE OF APPROVAL

LMPSU #212

Procedure to Plug well

Cement Plugs:

Plug #1 *Set PKR & SQZ*

~~CICR~~ @ 3222' Pump 50 sx cement + 25' cement on top.

Circ P&A mud to surface, WOC, Tag *@ 3222' OR BETTER*

Plug #2

Depth: 2700' – 2600' (Top of Yates)

Cement: 50 sx

Perf, Squeeze, Tag

Plug #3

Depth: 1300' – 1200' (100' plug across/above anhydrite top)

Cement: 50 sx

Perf, Squeeze, Tag

Plug #4

Depth: 475' – 375' Will perf 50' below surface casing

Cement: Enough to fill 7"-9 5/8" annulus to surface

Perf, Squeeze, Tag

Plug #5

Depth: 100' – 0' (Surface)

Cement: (Enough to fill to surface)

Wellbore Schematic (From Surface to TD)

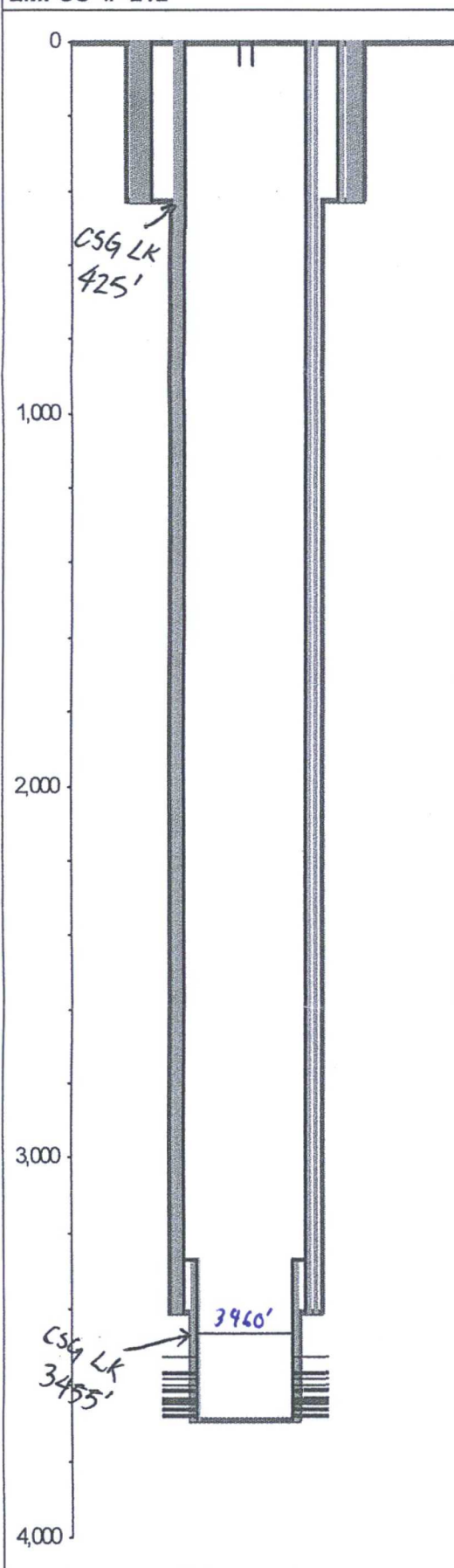
Printed: 4/4/2018

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LMPSU # 212

BOLO ID: 300029.21.02

API # 3002510470



4620 FNL & 3300 FEL	GL Elev: 3,324.00	KOP:
Section 27, Township 22S, Range 37E		EOC:
County, State: Lea, NM		Fill Depth:
Aux ID: 41380		PBTD: 3,690.00
'KB' correction: ; All Depths Corr To:		TD: 3,660.00
		BOP:

Hole Size

Diameter	Top At	Btm At	Date Drilled
13.7500	0.00	424.00	
8.7500	424.00	3,404.00	
6.2500	3,404.00	3,660.00	
6.2500	3,660.00	3,690.00	12/8/1964

Surface Casing

Date Ran:

Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
Casing		10.7500	40.00		424.00	0.00	424.00

Intermediate Casing

Date Ran:

Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
Casing		7.0000	24.00		3,404.00	0.00	3,404.00

Production Casing String 1

Date Ran:

Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
Casing		7.0000	24.00		3,272.00	0.00	3,272.00
Liner Hanger		5.5000	15.50		418.00	3,272.00	3,690.00

Cement

Top At	Btm At	ID	OD	TOC Per	# - Type	# Sx	Class	Wt.
0.00	424.00	10.750	13.750		10	125		
0.00	3,404.00	7.000	8.750		20	410		
TOC unknown.; TOC unknown.								
3,272.00	3,690.00	5.500	6.250		30	60		

Zone and Perfs

7 Rvrs-Q-Grayburg

Comments / Completion Summary

3/25/1938: shot former open hole with Nitro before installing liner.
12/8/1964: replaced slotted liner with solid and added perforations for conversion to WIW.

Perforations

Top	Bottom	Formation	Status	Opened	Closed	# / Ft	Ttl #
3,404.00	3,660.00	Penrose Sand	PA	3/23/1938	12/8/1964		
Had been hung with 5.5" Slotted Liner.							
3,523.00	3,567.00	Penrose Sand	A	3/23/2017		4	176
90 deg phasing/4 spf/3/8" hole							
3,568.00	3,580.00	Penrose Sand	A	12/8/1964			
3,598.00	3,600.00	Penrose Sand	A	12/8/1964			
3,610.00	3,616.00	Penrose Sand	A	12/8/1964			
3,634.00	3,638.00	Penrose Sand	A	12/8/1964			
3,643.00	3,647.00	Penrose Sand	A	12/8/1964			
3,661.00	3,667.00	Penrose Sand	A	12/8/1964			
3,680.00	3,682.00	Penrose Sand	A	12/8/1964			

Wellbore Plugs and Junk

Top	Bottom	Type	Diameter	Solid	Date
3,460.00	3,462.00	CIBP	5.500	Yes	

Tubing String 1

Date Ran: 3/17/2017

Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
Tubing	2	2.3750	4.70		64.00	0.00	64.00

Wellbore Schematic (From Surface to TD)

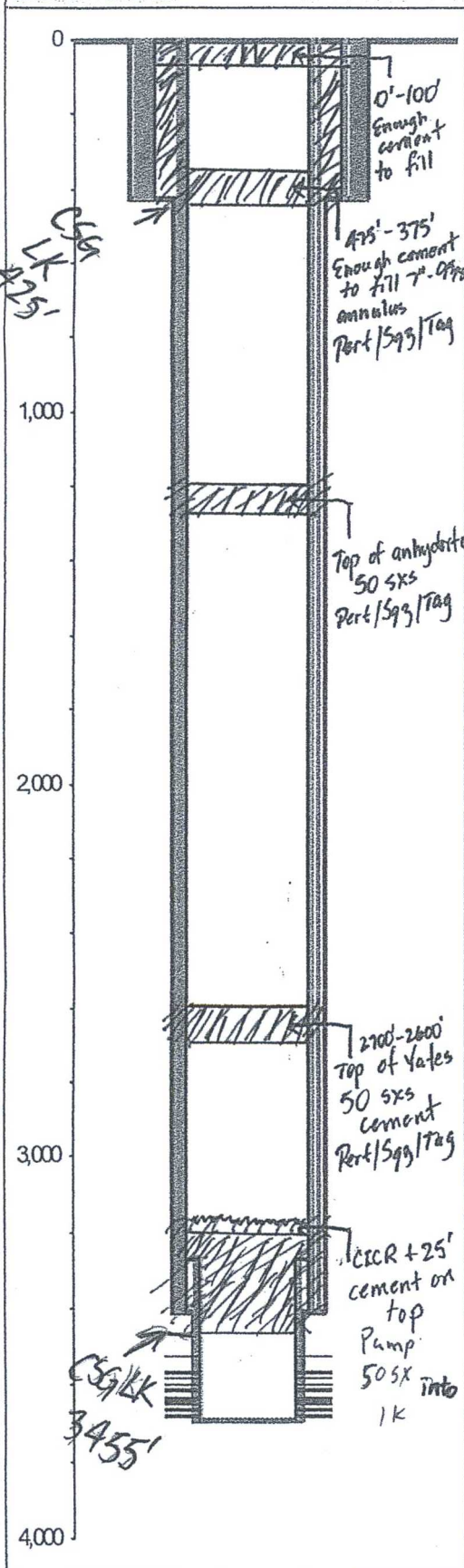
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