

Well Name: LEA FED COM	Well Location: T20S / R34E / SEC 14 / NENE / 32.578607 / 103.524531	County or Parish/State: LEA / NM
Well Number: 14	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM053434	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002530138	Well Status: Abandoned	Operator: LEGACY RESERVES OPERATING LP

Subsequent Report

Type of Submission: Subsequent Report

Type of Action: Plug and Abandonment

Date Sundry Submitted: 03/16/2021

Time Sundry Submitted: 03:08

Date Operation Actually Began: 03/01/2021

**Actual Procedure:** 3-1-21 MIRU plugging equipment. Dug out cellar, unflanged well head, NU BOP. 3-2-21 RIH w/ tbg., tagged @ 5485'. RIH w/ drill bit & swivel. Drilled down to 5522'. Circ'd well clean. 3-3-21 Drilled down to 5558'. Circ'd well clean. 3-4-21 to 3-5-21 Drilled down to 8103'. Circ'd well clean. POH w/ drill bit & swivel. 3-8-21 Spotted 25 sx class H cmt @ 8100'-7902'. WOC. 3-9-21 Tagged plug @ 7889'. RIH w/ 5 1/2" CIBP, stacked out @ 2266'. Worked CIBP free. RIH w/ drill bit & scaper down to 5650'. POH. Set 5 1/2" CIBP @ 5590'. Circ'd hole w/ 100 bbls MLF. Pressure tested csg, held 500 psi. Spotted 30 sx class C cmt @ 5590'-5294'. WOC. 3-10-21 Tagged plug @ 5289'. Perf'd csg @ 4670'. Pressured up on perms. Spotted 30 sx class C cmt w/ 2% CACL @ 4720'-4424'. WOC. Tagged plug @ 4419'. Perf'd csg @ 3450'. Sqz'd 50 sx class C cmt @ 3450'-3350'. WOC. 3-9-21 Tagged plug @ 3348'. Perf'd @ 2050'. Sqz'd 50 sx class C cmt w/ 2% CACL @ 2050'-1853'. WOC. Tagged plug @ 1844'. Perf'd csg @ 958'. Sqz'd 50 sx class C cmt w/ 2% CACL @ 958'-750'. WOC. Tagged plug @ 752'. ND BOP, flanged up well head. Sqz'd 50 sx class C cmt @ 200' to surface. 3-12-21 Tagged plug @ 6'. Rigged down and moved off. Moved in backhoe and welder. Cut off wellhead, John Staton w/ BLM verified cmt @ surface via picture text message. Welded on "Under Ground Dry Hole Marker." Backfilled cellar, cut off deadmen, cleaned location and moved off.

SR Attachments

Actual Procedure

Lea\_Fed\_Com\_Unit\_14\_WBDs\_20210316150722.pdf

Accepted for Record Only

SUBJECT TO LIKE  
APPROVAL BY BLM

NMOCD 9/7/21

X 7

Received by OCD: 3/25/2021 3:00:02 PM

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Operator Certification

I certify that the foregoing is true and correct. 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: REYES	Signed on: MAR 16, 2021 03:08 PM
Name: LEGACY RESERVES OPERATING LP	
Title: Compliance Coordinator	
Street Address: 15 SMITH ROAD SUITE 3000	
City: MIDLAND	State: TX
Phone: (432) 221-6358	
Email address: MREYES@LEGACYRESERVES.COM	

Field Representative

Representative Name:		
Street Address:		
City:	State:	Zip:
Phone:		
Email address:		

BLM Point of Contact

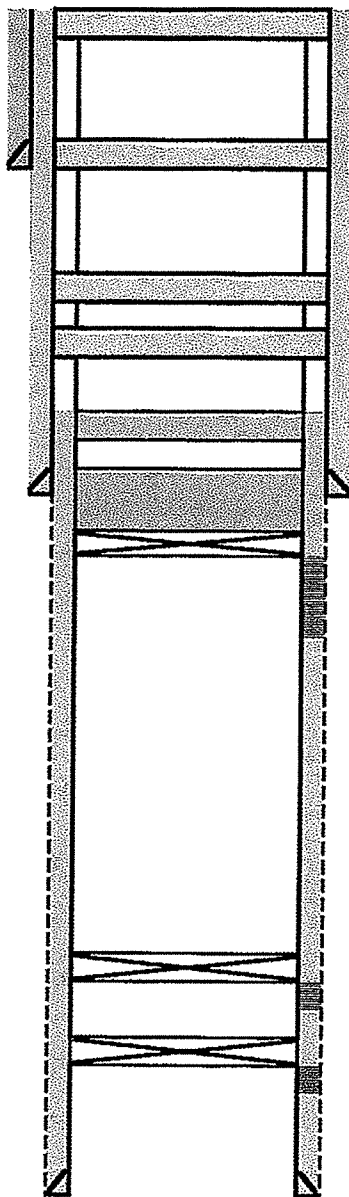
BLM POC Name: JAMES A AMOS	BLM POC Title: Acting Assistant Field Manager
BLM POC Phone: 5752345927	BLM POC Email Address: jamos@blm.gov
Disposition: Accepted	Disposition Date: 03/25/2021
Signature: James A. Amos	

**Legacy- Plugged**

Author: Abby-BCM & Associates, Inc  
 Well Name: Lea Fed Com  
 Field/Pool: Lea, Bone Spring  
 County: Lea  
 State: New Mexico  
 Spud Date: 7/8/1994

Well No. #14  
 API #: 30-025-30138  
 Location: Sec 14, T20S, R34E  
 660' FNL & 660' FEL  
 GL: 3649

Description	O.D.	Grade	Weight	Depth	Hole	Cmt Sx	TOC
Surface Csg	13 3/8	H40	48#	908	17 1/2	940	0
Inter Csg	8 5/8	K55	32#	5,370	12 1/4	1,900	0
Prod Csg	5 1/2	K55	17#	10,400	7 7/8	1,000	4,500



7. Perf'd & Sqz'd 50 sx cmt @ 200' to surface. Tagged @ 6'.

8 5/8" DV Tool @ 800'  
 13 3/8 48# CSG @ 908

6. Perf'd csg @ 958'. Sqz'd 50 sx class C cmt w/ 2% CACL @ 958-750'. WOC. Tagged plug @ 752'.

5. Perf'd @ 2050'. Sqz'd 50 sx class C cmt w/ 2% CACL @ 2050-1853'. WOC. Tagged plug @ 1844'.

4. Perf'd csg @ 3450'. Sqz'd 50 sx class C cmt @ 3450-3350'. WOC. Tagged plug @ 3348'

3. Perf'd csg @ 4670'. Pressured up. Spotted 30 sx class C cmt w/ 2% CACL @ 4720-4424'. WOC. Tagged plug @ 4419'.

8 5/8 32# CSG @ 5,370

2. Set 5 1/2" CIBP @ 5590'. Spotted 30 sx class C cmt @ 5590-5294'. WOC. Tagged plug @ 5289'.

Perfs @ 5638-6285'

1. Spotted 25 sx class H cmt @ 8100-7902'. WOC. Tagged plug @ 7889'.

CIBP @ 9480' w/ 2 sx cmt  
 Perfs @ 9586-9610

CIBP @ 10,140' w/ 2 sx cmt  
 Perfs @ 10162-10174'. Sqz'd

5 1/2 17# CSG @ 10,400

# Wellbore Schematic

Printed: 9/23/2020

Page 1

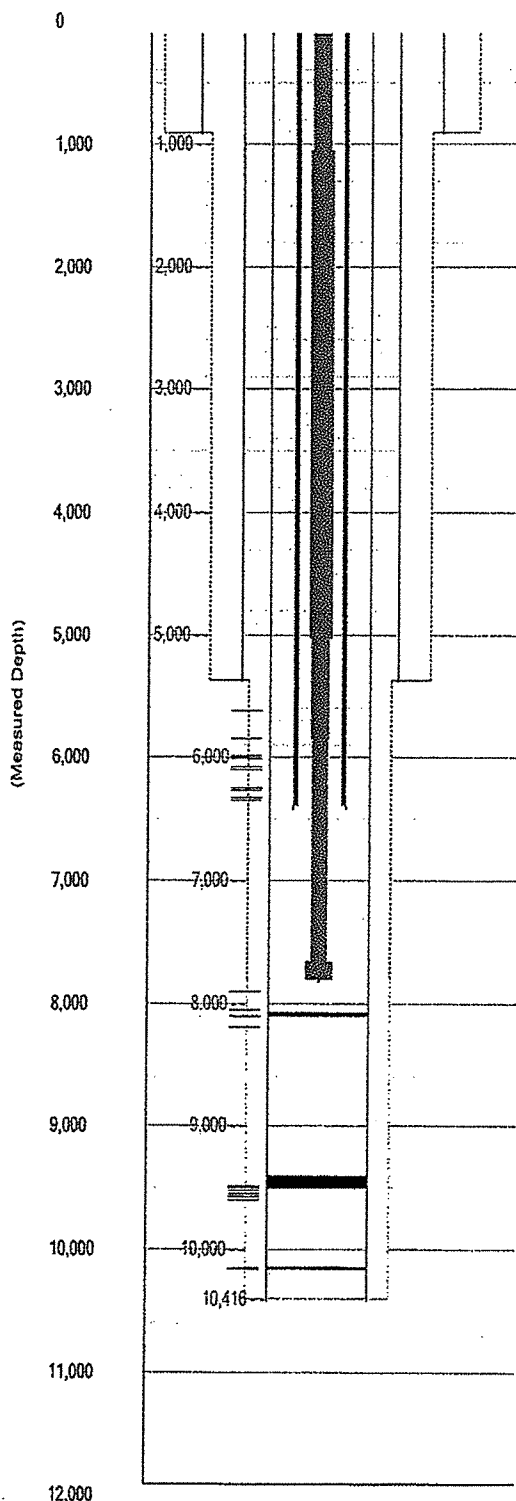
Lea Unit # 14

BOLO ID: 300033.11.14

API # 3002530138

Lea Unit # 14, 9/23/2020

660 FNL & 660 FEL	GL Elev: 3,649.00	KOP:	
Section 14, Township 20S, Range 34E		EOC:	
County, State: Lea, NM		Fill Depth:	7,803
Aux ID: 23300		PBTD:	
'KB' correction: 16.5; All Depths Corr To:		TD:	10,400.00
		BOP:	



## Hole Size

Diameter	Top At	Btm At	Date Drilled
28.0000	0.00	40.00	11/23/1987
17.5000	40.00	908.00	11/24/1987
12.2500	908.00	5,370.00	12/2/1987
7.8750	5,370.00	10,400.00	12/19/1987

## Conductor Casing

Date Ran: 11/22/1987

Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
Casing		20.0000			40.00	16.50	56.50

## Surface Casing

Date Ran: 11/24/1987

Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
Set Below GL					16.50		
Casing	21	13.3750	48.00	H40	862.92	33.00	895.92
Float Insert	1	13.3750				895.92	
Casing	1	13.3750	48.00	H40	27.58	895.92	923.50
Guide Shoe	1	13.3750			1.00	923.50	924.50

## Intermediate Casing

Date Ran: 12/2/1987

Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
Set Below GL					14.50		
Casing	1	8.6250	32.00	K55	13.35	31.00	44.35
Casing	99	8.6250	32.00	K55	3,846.77	44.35	3,891.12
DV Tool	1	8.6250			3.00	3,891.12	3,894.12
Casing	1	8.6250	32.00	K55	38.65	3,894.12	3,932.77
Packer	1	8.6250			8.65	3,932.77	3,941.42

## Ext Csg Pkr

Casing	36	8.6250	32.00	K55	1,403.31	3,941.42	5,344.73
Float Collar	1	8.6250			1.50	5,344.73	5,346.23
Casing	1	8.6250	32.00	K55	38.88	5,346.23	5,385.11
Float Shoe	1	8.6250			1.50	5,385.11	5,386.61

## Production Casing

Date Ran: 12/19/1987

Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
Set Below GL					12.50		
Casing	1	5.5000	17.00	K55	25.89	29.00	54.89
Casing	238	5.5000	17.00	K55	10,270.43	54.89	10,325.32
Float Collar	1	5.5000			1.50	10,325.32	10,326.82
Casing	2	5.5000	17.00	K55	88.33	10,326.82	10,415.15
Float Shoe	1	5.5000			1.50	10,415.15	10,416.65

## Cement

Top At	Btm At	I D	O D	TOC Per	# - Type	# Sx	Class	Wt.
0.00	40.00	20.000	28.000	Circ	10			
0.00	908.00	13.375	17.500	Circ	20	940		
3,878.00	5,370.00	8.625	12.250	DV Tool	30	800	Lite&C	
3,000.00	5,370.00	8.625	12.250	TS	40	1600	Lite	
0.00	5,370.00	8.625	12.250	Circ	50	850		
0.00	5,370.00	8.625	12.250	Circ	60	550		
5,300.00	10,400.00	5.500	7.875		70	1000	Lite&Poz	
9,505.00	9,610.00	5.500	7.875		80	288	H	
10,120.00	10,140.00	0.000	5.500		90	2		
9,365.00	9,400.00	0.000	5.500		100	2		
6,269.00	6,285.00	5.500	7.875		110	150		
8,030.00	8,065.00	0.000	5.500		120			

# = True Vertical Depth

**Legacy Reserves**  
**DAILY OPERATIONS REPORT - (All Days)**  
**3/1/2021 thru 3/25/2021**  
Printed 3/25/2021 Page 1

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<b>Lea Unit # 14</b>	Lea Co., NM	BOLO ID: 300033.11.14
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Zone:

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**P & A'd**

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Mar 1, 2021 Monday (Day 1)

Dig out cellar. MIRU. NDWH. NUBOP.

PU 4 1/2" bit, 6-3 1/2" DC.

SISDON

Daily Cost:

Cum. Cost: \$0

Mar 2, 2021 Tuesday (Day 2)

Receive, rack, and tally workstring.

RIH tagging @ 5485'. PU swival, pump and circulate well clean. Drilled to 5522'. Circulate clean.

SISDON

Daily Cost: \$2,317

Cum. Cost: \$2,317

Mar 3, 2021 Wednesday (Day 3)

Circulate well. Continue drilling. Drilled to 5558'. Circulate clean.

SISDON

Daily Cost: \$1,178

Cum. Cost: \$3,495

Mar 4, 2021 Thursday (Day 4)

Circulate well. Start drilling at 5588' fell out at 5562'. Circulate well clean. Lay dwn swival.

RIH w/tbg and tagged at 8065', picked up swival, circulate well, start drilling at 8605' drilled dwn to 8103'. Circulate well clean.

SISDON

Daily Cost: \$1,194

Cum. Cost: \$4,689

Mar 5, 2021 Friday (Day 5)

Circulate well. Start drilling @ 8103'. Could not make any hole. Circulate well clean. Notified NMBLM. He called it good.

SISD due to high winds

Daily Cost: \$978

Cum. Cost: \$5,667

Mar 6, 2021 Saturday (Day 6)

**Legacy Reserves**  
**DAILY OPERATIONS REPORT - (All Days)**  
**3/1/2021 thru 3/25/2021**  
Printed 3/25/2021 Page 2

**Lea Unit # 14**

Lea Co., NM

BOLO ID: 300033.11.14

Zone:

Daily Cost:

Cum. Cost: \$5,667

Mar 7, 2021 Sunday (Day 7)

Daily Cost:

Cum. Cost: \$5,667

Mar 8, 2021 Monday (Day 8)

POOH w/tbg and lay dwn BHA.

RBIH w/tbg to 8100'. Mix and pump 25 sx class H neat cement from 8100' to 7902'.

POOH and stand back 174 jts.

SISDON

Daily Cost: \$1,145

Cum. Cost: \$6,812

Mar 9, 2021 Tuesday (Day 9)

RUWL. RIH and tagged TOC @ 7889'. POOH w/WL. PU 5 1/2" CIBP RIH w/tbg and stacked out @ 2266'. notified NMBLM.

Pulled CIBP free and POOH w/plugin.

PU 5 1/2" csg scraper w/4 3/4" bit and RIH, hit rough spot @ 2266' worked scraper through spot and continue RIH to 5650'. POOH w/tbg and lay dwn bit and scraper.

PU 5 1/2" CIBP, RIH to 5590'. Set plug and circulate 100 bbls of MLF and pressure test to 500 psi. Held good for 15 min. Mixed and pumped 25 sx class c neat cement from 5590' to 5294'. POOH w/50 jts tbgs.

SISDON

Daily Cost: \$973

Cum. Cost: \$7,785

Mar 10, 2021 Wednesday (Day 10)

POOH laying dwn tbgs.

RUWL. RIH and tagged TOC @ 5289', pulled up and perfed @ 4670'. POOH w/WL. PU 5 1/2" pkr, RIH w/tbg to 4277'. Set pkr, started pumping, could not get squeezed. Notified NMBLM. Release pkr, POOH w/tbg and lay dwn pkr. RIH w/tbg open ended to 4720'. Mixed and pumped 30 sx class c neat cement w/2% calcium carbonate from 4720' to 4424'. POOH w/tbg. WOC.

RIH w/WL and tagged TOC @ 4419'. PU and perfed @ 3450'. POOH w/WL. PUI 5 1/2" pkr, RIH to 3128' and set pkr. Establish injection rate of 1.5 bbls/min @ 550 psi. Mixed



**Legacy Reserves**  
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**3/1/2021 thru 3/25/2021**  
Printed 3/25/2021 Page 3

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<b>Lea Unit # 14</b>	Lea Co., NM	BOLO ID: 300033.11.14
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Zone:

and squeezed 50 sx class c neat cement from 3450 to 3350. PU.

SISDON

Daily Cost: \$1,413

Cum. Cost: \$9,198

Mar 11, 2021 Thursday (Day 11)

Release pkr, POOH laying dwn tbg to 1660' and re-set pkr. RUWL and RIH tagging @ 3348'.  
PU and perfed @ 2050'. POOH w/WL. Establish injection rate of 2 bbl/min @ 500 psi.  
Mixed and squeezed 50 sx class c neat cement w/2% calcium carbinate from 2050' to 1853.  
SI WOC

Release pkr, lay dwn tbg, RIH w/WL and tagged TOC @ 1844'. PU and perfed @ 958', POOH  
w/WL. PU 5 1/2" pkr and RIH to 766'-set pkr. Mixed and pumped 25 sx class c neat  
cement w/2% calcium carbonate from 958' to 750'. WOC

Release pkr, Lay dwn tbg, RIH/WL and tagged TOC @ 752'. POOH w/WL.

NDBOP. FUWH. Mix and squeeze 50 sx class c neat cement from 200' to surface.

SISDON

Daily Cost: \$1,020

Cum. Cost: \$10,218

Mar 12, 2021 Friday (Day 12)

RDMO

Daily Cost: \$75,331

Cum. Cost: \$85,549

Mar 15, 2021 Monday (Day 13)

Daily Cost: \$590

Cum. Cost: \$86,139

Mar 17, 2021 Wednesday (Day 14)

Daily Cost: \$789

Cum. Cost: \$86,928

**Legacy Reserves**  
**DAILY OPERATIONS REPORT - (All Days)**  
**3/1/2021 thru 3/25/2021**  
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Lea Co., NM

BOLO ID: 300033.11.14

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PU 5 1/2" csg scraper w/4 3/4" bit and RIH, hit rough spot @ 2266' worked scraper through spot and continue RIH to 5650'. POOH w/tbg and lay dwn bit and scraper.

PU 5 1/2" CIBP, RIH to 5590'. Set plug and circulate 100 bbls of MLF and pressure test to 500 psi. Held good for 15 min. Mixed and pumped 25 sx class c neat cement from 5590' to 5294'. POOH w/50 jts tbg.

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RIH w/WL and tagged TOC @ 4419'. PU and perfed @ 3450'. POOH w/WL. PUI 5 1/2" pkr, RIH to 3128' and set pkr. Establish injection rate of 1.5 bbls/min @ 550 psi. Mixed

**Legacy Reserves**  
**DAILY OPERATIONS REPORT - (All Days)**  
**3/1/2021 thru 3/25/2021**  
Printed 3/25/2021 Page 3

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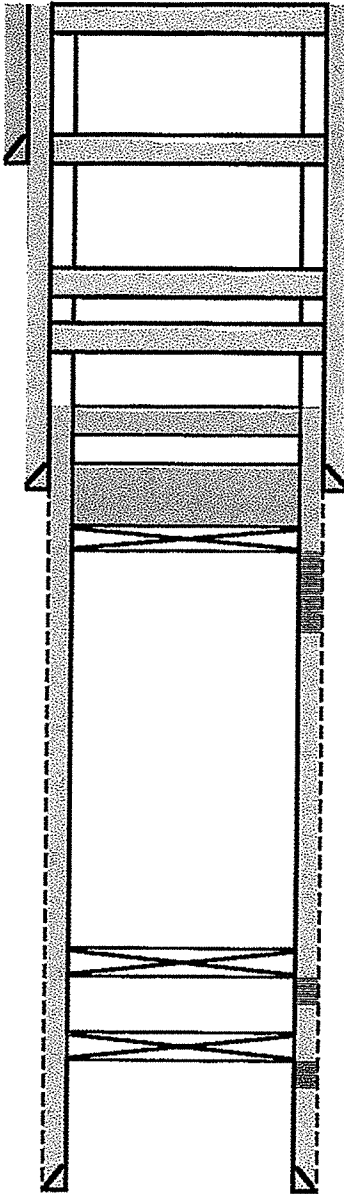
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Legacy- Plugged

Author:	Abby-BCM & Associates, Inc	Well No.	#14
Well Name	Lea Fed Com	API #:	30-025-30138
Field/Pool	Lea, Bone Spring	Location:	Sec 14, T20S, R34E
County	Lea		660' FNL & 660' FEL
State	New Mexico	GL:	3649
Spud Date	7/8/1994		

Description	O.D.	Grade	Weight	Depth	Hole	Cmt Sx	TOC
Surface Csg	13 3/8	H40	48#	908	17 1/2	940	0
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5. Perf'd @ 2050'. Sqz'd 50 sx class C cmt w/ 2% CACL @ 2050-1853'. WOC. Tagged plug @ 1844'.

4. Perf'd csg @ 3450'. Sqz'd 50 sx class C cmt @ 3450-3350'. WOC. Tagged plug @ 3348'

3. Perf'd csg @ 4670'. Pressured up. Spotted 30 sx class C cmt w/ 2% CACL @ 4720-4424'. WOC. Tagged plug @ 4419'.

8 5/8 32# CSG @ 5,370

2. Set 5 1/2" CIBP @ 5590'. Spotted 30 sx class C cmt @ 5590-5294'. WOC. Tagged plug @ 5289'.

Perfs @ 5638-6285'

1. Spotted 25 sx class H cmt @ 8100-7902'. WOC. Tagged plug @ 7889'.

CIBP @ 9480' w/ 2 sx cmt  
Perfs @ 9586-9610

CIBP @ 10,140' w/ 2 sx cmt  
Perfs @ 10162-10174'. Sqz'd

5 1/2 17# CSG @ 10,400

# Wellbore Schematic

Printed: 9/23/2020

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Lea Unit # 14

BOLO ID: 300033.11.14

API # 3002530138

Lea Unit # 14, 9/23/2020

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Section 14, Township 20S, Range 34E		EOC:	
County, State: Lea, NM		Fill Depth:	7,803
Aux ID: 23300		PBTD:	
'KB' correction: 16.5; All Depths Corr To:		TD:	10,400.00
		BOP:	

## Hole Size

Diameter	Top At	Btm At	Date Drilled
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12.2500	908.00	5,370.00	12/2/1987
7.8750	5,370.00	10,400.00	12/19/1987

## Conductor Casing

Date Ran: 11/22/1987

Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
Casing		20.0000			40.00	16.50	56.50

## Surface Casing

Date Ran: 11/24/1987

Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
Set Below GL					16.50		
Casing	21	13.3750	48.00	H40	862.92	33.00	895.92
Float Insert	1	13.3750				895.92	
Casing	1	13.3750	48.00	H40	27.58	895.92	923.50
Guide Shoe	1	13.3750			1.00	923.50	924.50

## Intermediate Casing

Date Ran: 12/2/1987

Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
Set Below GL					14.50		
Casing	1	8.6250	32.00	K55	13.35	31.00	44.35
Casing	99	8.6250	32.00	K55	3,846.77	44.35	3,891.12
DV Tool	1	8.6250			3.00	3,891.12	3,894.12
Casing	1	8.6250	32.00	K55	38.65	3,894.12	3,932.77
Packer	1	8.6250			8.65	3,932.77	3,941.42

## Ext Csg Pkr

Casing	36	8.6250	32.00	K55	1,403.31	3,941.42	5,344.73
Float Collar	1	8.6250			1.50	5,344.73	5,346.23
Casing	1	8.6250	32.00	K55	38.88	5,346.23	5,385.11
Float Shoe	1	8.6250			1.50	5,385.11	5,386.61

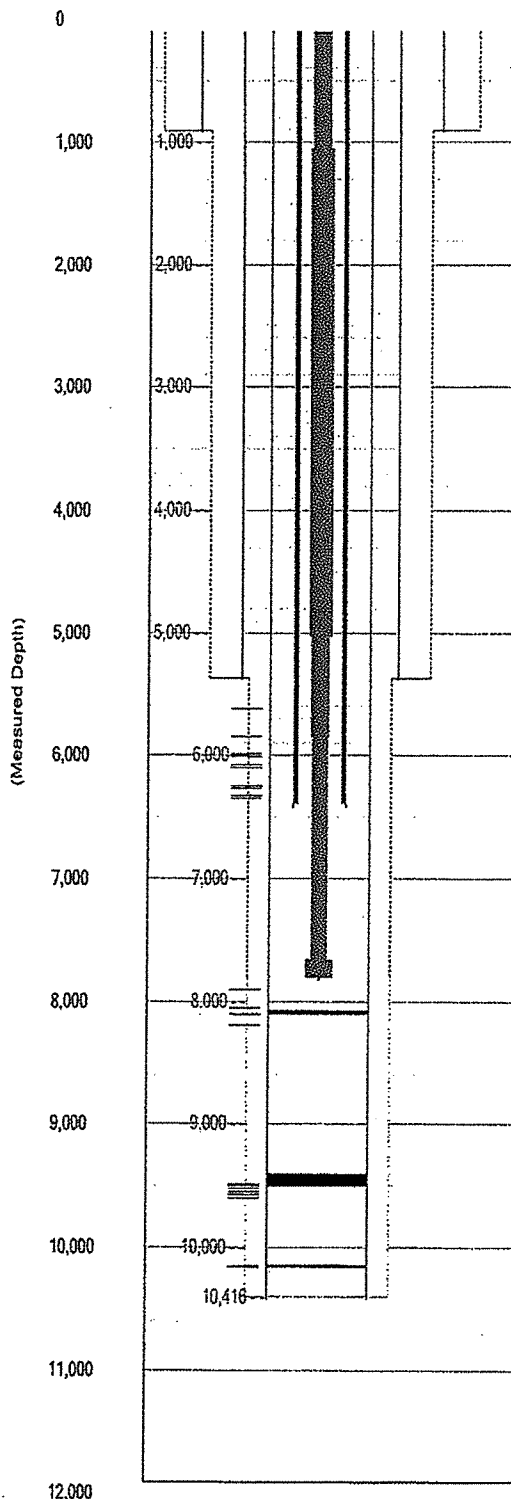
## Production Casing

Date Ran: 12/19/1987

Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
Set Below GL					12.50		
Casing	1	5.5000	17.00	K55	25.89	29.00	54.89
Casing	238	5.5000	17.00	K55	10,270.43	54.89	10,325.32
Float Collar	1	5.5000			1.50	10,325.32	10,326.82
Casing	2	5.5000	17.00	K55	88.33	10,326.82	10,415.15
Float Shoe	1	5.5000			1.50	10,415.15	10,416.65

## Cement

Top At	Btm At	I D	O D	TOC Per	# - Type	# Sx	Class	Wt.
0.00	40.00	20.000	28.000	Circ	10			
0.00	908.00	13.375	17.500	Circ	20	940		
3,878.00	5,370.00	8.625	12.250	DV Tool	30	800	Lite&C	
3,000.00	5,370.00	8.625	12.250	TS	40	1600	Lite	
0.00	5,370.00	8.625	12.250	Circ	50	850		
0.00	5,370.00	8.625	12.250	Circ	60	550		
5,300.00	10,400.00	5.500	7.875		70	1000	Lite&Poz	
9,505.00	9,610.00	5.500	7.875		80	288	H	
10,120.00	10,140.00	0.000	5.500		90	2		
9,365.00	9,400.00	0.000	5.500		100	2		
6,269.00	6,285.00	5.500	7.875		110	150		
8,030.00	8,065.00	0.000	5.500		120			



# = True Vertical Depth

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS  
  
Action 22021

CONDITIONS

Operator: LEGACY RESERVES OPERATING, LP 15 Smith Road Midland, TX 79705	OGRID: 240974
	Action Number: 22021
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
kfortner	Like approval from BLM	9/7/2021