

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

OIL CONSERVATION DIVISION  
 1220 South St. Francis Dr.  
 Santa Fe, NM 87505

Form C-103  
 Revised July 18, 2013

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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 <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		WELL API NO. 30-025-11565
2. Name of Operator Legacy Reserves Operating LP		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
3. Address of Operator 15 Smith Road, Suite 3000, Midland, TX 79705		6. State Oil & Gas Lease No.
4. Well Location Unit Letter <u>N</u> : <u>660</u> feet from the <u>South</u> line and <u>1980</u> feet from the <u>West</u> line Section <u>13</u> Township <u>25S</u> Range <u>37E</u> NMPM County <u>Lea</u>		7. Lease Name or Unit Agreement Name South Justis Unit
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3191' GL		8. Well Number <u>18</u>
9. OGRID Number 240974		10. Pool name or Wildcat Justis; Blinberry-Tubb-Drinkard

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input checked="" type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

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.

1. Tag existing 7" CIBP @ 5868' w/ 4 sx cmt on top.
2. Set 7" CIBP @ 5085'. Circulate hole with MLF. Pressure test csg. Spot 25 sx cmt @ 5085'-4985'.
3. Spot 30 sx cmt @ 4654'-4500' WOC & Tag (Glorieta).
4. Perf & Sqz 60 sx cmt @ 3500'-3350'. WOC & Tag (9-5/8" Shoe)
5. Perf & Sqz 60 sx cmt @ 1850'-1700'. WOC & Tag (B/Salt)
6. Perf & Sqz 60 sx cmt @ 1500'-1350'. WOC & Tag (T/Salt)
7. Perf & Sqz 60 sx cmt @ 460'-310'. WOC & Tag (13-3/8" Shoe)
8. Perf & Sqz 70 sx cmt @ 200' to surface.
9. Cut off well head, verify cmt to surface, weld on Dry Hole Marker.

4" diameter 4' tall Above Ground Marker

SEE ATTACHED CONDITIONS  
 OF APPROVAL

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 Compliance Coordinator DATE 03/09/2021  
 Type or print name Melanie Reyes E-mail address: mreyes@legacyreserves.com PHONE: 432-689-5200  
**For State Use Only**

APPROVED BY: Kerry Fortner TITLE Compliance Officer A DATE 5/10/21  
 Conditions of Approval (if any):



# Wellbore Schematic

Printed: 12/4/2020

Page 11

South Justis Unit # F18

BOLO ID: 300054.47.02

API # 3002511565

South Justis Unit # F18, 12/4/2020

660 FSL & 1980 FEL	GL Elev: 3,191.00	KOP:
Section 13, Township 25S, Range 37E		EOC:
County, State: Lea, NM		Fill Depth: 5,827
Aux ID: 15440		PBTD:
'KB' correction: 12; All Depths Corr To:		TD: 8,264.00
		BOP:

## Hole Size

Diameter	Top At	Btm At	Date Drilled
17.5000	0.00	410.00	9/8/1957
12.2500	410.00	3,449.00	
8.7500	3,449.00	8,230.00	

## Surface Casing

Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
Casing		13.3750			410.00	12.00	422.00

Date Ran: 7/29/2010

## Intermediate Casing

Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
Casing		9.6250			3,449.00	12.00	3,461.00

Date Ran: 7/29/2010

## Production Casing

Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
Casing		7.0000			8,230.00	12.00	8,242.00

Date Ran: 7/29/2010

## Cement

Top At	Btm At	ID	OD	TOC Per	# - Type	# Sx	Class	Wt.
0.00	410.00	13.375	17.500	Circ	10	500		
0.00	3,449.00	9.625	12.250	Circ	20	2200		
3,610.00	8,230.00	7.000	8.750	TS	30	1250		
7,168.00	7,175.00	0.000	7.000		40			

## Zone and Perfs

### BLINEBRY

### Comments / Completion Summary

Tested Safety Anchors 05/31/2007

### Perforations

Top	Bottom	Formation	Status	Opened	Closed	# / Ft	Ttl #
5,134.00	5,547.00	Blinbry	PA				
5,458.00	5,549.00	Blinbry	PA				
5,832.00	6,084.00	Drinkard	PA				
5,900.00	5,957.00	Drinkard	PA				
5,995.00	5,800.00	Blinbry-Tubb/Drinkard	A				
6,718.00	6,756.00	FUSSELMAN	PA				
7,768.00	7,871.00	McKee	PA				
8,220.00	8,245.00	Ellenburger	PA				

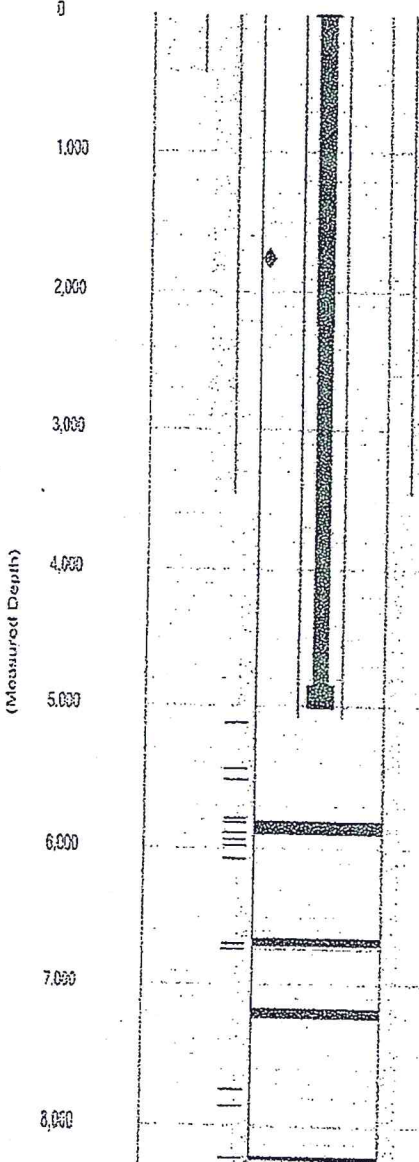
## Wellbore Plugs and Junk

Top	Bottom	Type	Diameter	Solid	Date
5,810.00	5,900.00	CIBP	7.000	Yes	
6,660.00	6,718.00	CIBP	7.000	Yes	
6,738.00	6,740.00	RBP	7.000	Yes	
7,175.00	7,250.00	CIBP	7.000	Yes	
8,200.00	8,220.00	CIBP	7.000	Yes	

## Tubing

Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
Tubing	151	2.3750		J55	4,714.90	12.00	4,726.90
Tubing Anchor	1	7.0000			2.80	4,726.90	4,729.70
Tubing	8	2.3750		J55	247.00	4,729.70	4,976.70
Tubing	2	2.3750		IPC	65.00	4,976.70	5,041.70
Seat Nipple	1	2.3750			1.10	5,041.70	5,042.80
Perf Nipple	1	2.3750			4.10	5,042.80	5,046.90

Date Ran: 1/23/2018



Glorieta - 4604  
 Drinkard - 5900  
 Tubbs - 5620  
 T/Salt - 1453 1/2  
 B/Salt - 1783 1/2

= Fluid Level with Gas

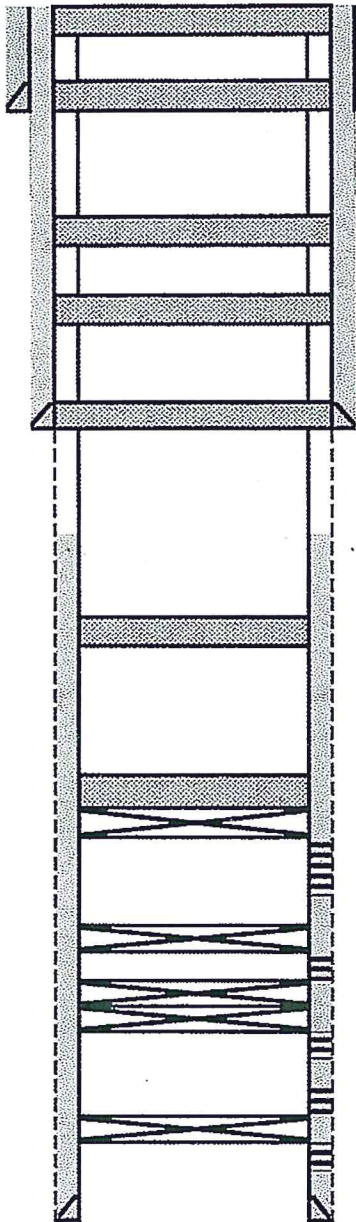
◆ = Net Fluid Level

2. 1248627

3. 118782

Agency	Abby-BCM & Associates, Inc		
Author:	South Justis Unit	Well No.	#F18
Well Name	Justis; Bimbry, Tubb, Drkd	API #:	30-025-11565
Field/Pool	Lea	Location:	Sec 13. T25S, R37E
County	New Mexico		660' FSL & 1980' FEL
State		GL:	3191
Spud Date			

Description	O.D.	Grade	Weight	Depth	Hole	Cmt Sx	TOC
Surface Csg	13 7/8			410	17 1/2	500	0
Inter Csg	9 5/8			3,449	12 1/4	2,200	0
Prod Csg	7			8,230	8 3/4	1,250	3610' TS



8. Perf & Sqz 70 sx cmt @ 200' to surface.  
13 7/8 0 CSG @ 410
7. Perf & Sqz 60 sx cmt @ 460-310'. WOC & Tag (13 3/8" Shoe)
6. Perf & Sqz 60 sx cmt @ 1500-1350'. WOC & Tag (T/Salt)
5. Perf & Sqz 60 sx cmt @ 1850-1700'. WOC & Tag (B/Salt)
- 9 5/8 0 CSG @ 3,449
4. Perf & Sqz 60 sx cmt @ 3500-3350'. WOC & Tag (9 5/8" Shoe)
3. Spot 30 sx cmt @ 4654-4500' WOC & Tag (Glorieta)
2. Set 7" CIBP @ 5085'. Circ hole w/ MLF. Pressure test csg. Spot 25 sx cmt @ 5085-4985'.  
Perfs @ 5134-5547  
Perfs @ 5458-5549
1. Tag existing 7" CIBP @ 5868' w/ 4 sx cmt on top.  
CIBP @ 5810  
Perfs @ 5800-5995  
CIBP @ 6660'  
RBP @ 6738  
Perfs @ 6718-6756  
Perfs @ 7768-7871  
CIBP @ 8200  
Perfs @ 8220-8245  
7 0 CSG @ 8,230

T/Salt - 1453 1/2  
B/Salt - 1783 1/2  
Glorieta - 4604  
Drinkard - 5900  
Tubbs - 5620



**CONDITIONS OF APPROVAL  
FOR PLUGGING AND ABANDONMENT  
OCD - Southern District**

The following is a guide or checklist in preparation of a plugging program, this is not all inclusive and care must be exercised in establishing special plugging programs in unique and unusual cases, Notify NMOCD District Office I (Hobbs) at (575)-263-6633 at least 24 hours before beginning work. After MIRU rig will remain on well until it is plugged to surface. OCD is to be notified before rig down.

**Company representative will be on location during plugging procedures.**

1. A notice of intent to plug and abandon a wellbore is required to be approved before plugging operations are conducted. A cement evaluation tool is required in order to ensure isolation of producing formations, protection of water and correlative rights. A cement bond log or other accepted cement evaluation tool is to be provided to the division for evaluation if one has not been previously run or if the well did not have cement circulated to surface during the original casing cementing job or subsequent cementing jobs. Insure all bradenheads have been exposed, identified and valves are operational prior to rig up.
2. Closed loop system is to be used for entire plugging operation. Upon completion, contents of steel pits are to be hauled to a permitted disposal location.
3. Trucking companies being used to haul oilfield waste fluids to a disposal - commercial or private- shall have an approved NMOCD C-133 permit. A copy of this permit shall be available in each truck used to haul waste products. It is the responsibility of the operator as well as the contractor, to verify that this permit is in place prior to performing work. Drivers shall be able to produce a copy upon request of an NMOCD Field inspector.
4. Filing a subsequent C-103 will serve as notification that the well has been plugged.
5. A final C-103 shall be filed (and a site inspection by NMOCD Inspector to determine if the location is satisfactorily cleaned, all equipment, electric poles and trash has been removed to Meet NMOCD standards) before bonding can be released.
6. If work has not begun within 1 Year of the approval of this procedure, an extension request must be file stating the reason the well has not been plugged.
7. Squeeze pressures are not to exceed 500 psi, unless approval is given by NMOCD.
8. Produced water will not be used during any part of the plugging operation.
9. Mud laden fluids must be placed between all cement plugs mixed at 25 sacks per 100 bbls of water.
10. All cement plugs will be a minimum of 100' in length or a minimum of 25 sacks of cement, whichever is greater. 50' of calculated cement excess required for inside casing plugs and 100% calculated cement excess required on outside casing plugs.
11. Class 'C' cement will be used above 7500 feet.
12. Class 'H' cement will be used below 7500 feet.
13. A cement plug is required to be set 50' above and 50' below, casing stubs, DV tools, attempted casing cut offs, cement tops outside casing, salt sections and anywhere the casing is perforated, these plugs require a 4 hour WOC and then will be tagged
14. All Casing Shoes Will Be Perforated 50' below shoe depth and Attempted to be Squeezed, cement needs to be 50' above and 50' Below Casing Shoe inside the Production Casing.
16. When setting the top out cement plug in production, intermediate and surface casing, wellbores should remain full at least 30 minutes after plugs are set
17. A CIBP is to be set within 100' of production perforations, capped with 100' of cement, WOC 4 hours and tag.
18. A CIBP with 35' of cement may be used in lieu of the 100' plug if set with a bailer. This plug will be placed within 100' of the top perforation, (WOC 4 hrs and tag).

19. No more than 3000' is allowed between cement plugs in cased hole and 2000' in open hole.
20. Some of the Formations to be isolated with cement plugs are: These plugs to be set to isolate formation tops
- A) Fusselman
  - B) Devonian
  - C) Morrow
  - D) Wolfcamp
  - E) Bone Springs
  - F) Delaware
  - G) Any salt sections
  - H) Abo
  - I) Glorieta
  - J) Yates.
  - K) Potash---(In the R-111-P Area (Potash Mine Area),

A solid cement plug must be set across the salt section. Fluid used to mix the cement shall be saturated with the salts that are common to the section penetrated and in suitable proportions, not more than 3% calcium chloride (by weight of cement) will be considered the desired mixture whenever possible, woe 4 hours and tag, this plug will be SO' below the bottom and 50' above the top of the Formation.

21. If cement does not exist behind casing strings at recommended formation depths, the casing can be cut and pulled with plugs set at recommended depths. If casing is not pulled, perforations will be shot and cement squeezed behind casing, woe and tagged. These plugs will be set SO' below formation bottom to 50' above formation top inside the casing.

### **DRY HOLE MARKER REQ.UIRMENTS**

The operator shall mark the exact location of the plugged and abandoned well with a steel marker not less than four inches in diameter, 3' below ground level with a plate of at least 1/4" welded to the top of the casing and the dry hole marker welded on the plate with the following information welded on the dry hole marker:

1. Operator name
2. Lease and Well Number
3. API Number
4. Unit letter
5. Quarter Section (feet from the North, South, East or West)
6. Section, Township and Range
7. Plugging Date
8. County

### **SPECIAL CASES -----AGRICULTURE OR PRARIE CHICKEN BREEDING AREAS**

In these areas, a below ground marker is required with all pertinent information mentioned above on a plate, set 3' below ground level, a picture of the plate will be supplied to NMOCD for record, the exact location of the marker (longitude and latitude by GPS) will be provided to NMOCD (We typically require a current survey to verify the GPS)

### **SITE REMEDIATION DUE WITHIN ONE YEAR OF WELL PLUGGING COMPLETION**

# Wellbore Schematic

Printed: 12/4/2020

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South Justis Unit # F18

BOLO ID: 300054.47.02

API # 3002511565

South Justis Unit # F18, 12/4/2020

660 FSL & 1980 FEL	GL Elev: 3,191.00	KOP:
Section 13, Township 25S, Range 37E		EOC:
County, State: Lea, NM		Fill Depth: 5,827
Aux ID: 15440		PBTD:
'KB' correction: 12; All Depths Corr To:		TD: 8,264.00
		BOP:

## Hole Size

Diameter	Top At	Btm At	Date Drilled
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8.7500	3,449.00	8,230.00	

## Surface Casing

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Date Ran: 7/29/2010

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0.00	3,449.00	9.625	12.250	Circ	20	2200		
3,610.00	8,230.00	7.000	8.750	TS	30	1250		
7,168.00	7,175.00	0.000	7.000		40			

## Zone and Perfs

### BLINEBRY

### Comments / Completion Summary

Tested Safety Anchors 05/31/2007

### Perforations

Top	Bottom	Formation	Status	Opened	Closed	# / Ft	Ttl #
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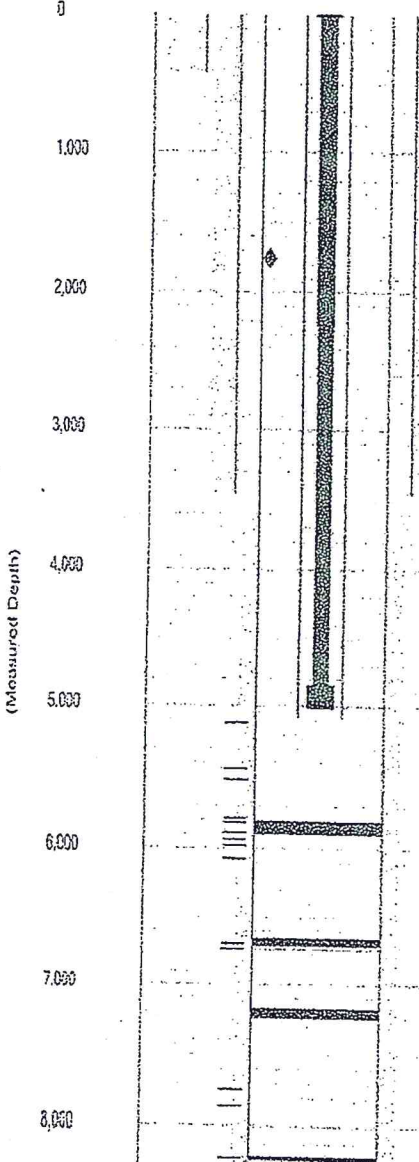
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8,200.00	8,220.00	CIBP	7.000	Yes	

### Tubing

Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
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Tubing	8	2.3750		J55	247.00	4,729.70	4,976.70
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Perf Nipple	1	2.3750			4.10	5,042.80	5,046.90

Date Ran: 1/23/2018



Glorieta - 4604  
 Drinkard - 5900  
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= Fluid Level with Gas

◆ = Net Fluid Level

2. 1248627

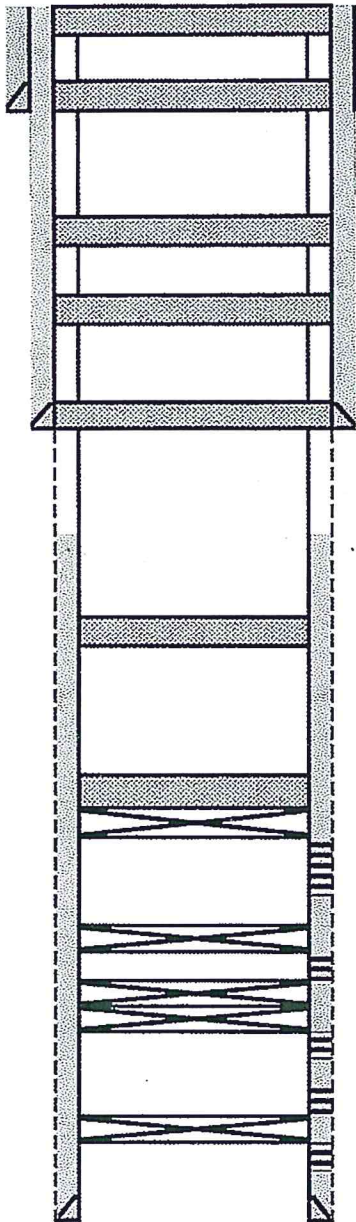
3. 118782



Page 7 of 9  
Received by OCD: 3/9/2021 1:57:23 PM  
Released to Imaging: 5/11/2021 7:32:57 AM

Legacy			
Author:	Abby-BCM & Associates, Inc		
Well Name	South Justis Unit	Well No.	#F18
Field/Pool	Justis; Bimbry, Tubb, Drkd	API #:	30-025-11565
County	Lea	Location:	Sec 13. T25S, R37E
State	New Mexico		660' FSL & 1980' FEL
Spud Date		GL:	3191

Description	O.D.	Grade	Weight	Depth	Hole	Cmt Sx	TOC
Surface Csg	13 7/8			410	17 1/2	500	0
Inter Csg	9 5/8			3,449	12 1/4	2,200	0
Prod Csg	7			8,230	8 3/4	1,250	3610' TS



8. Perf & Sqz 70 sx cmt @ 200' to surface.

13 7/8 0 CSG @ 410

7. Perf & Sqz 60 sx cmt @ 460-310'. WOC & Tag (13 3/8" Shoe)

6. Perf & Sqz 60 sx cmt @ 1500-1350'. WOC & Tag (T/Salt)

5. Perf & Sqz 60 sx cmt @ 1850-1700'. WOC & Tag (B/Salt)

9 5/8 0 CSG @ 3,449

4. Perf & Sqz 60 sx cmt @ 3500-3350'. WOC & Tag (9 5/8" Shoe)

3. Spot 30 sx cmt @ 4654-4500' WOC & Tag (Glorieta)

2. Set 7" CIBP @ 5085'. Circ hole w/ MLF. Pressure test csg. Spot 25 sx cmt @ 5085-4985'.

Perfs @ 5134-5547

Perfs @ 5458-5549

1. Tag existing 7" CIBP @ 5868' w/ 4 sx cmt on top.

CIBP @ 5810

Perfs @ 5800-5995

CIBP @ 6660'

RBP @ 6738

Perfs @ 6718-6756

Perfs @ 7768-7871

CIBP @ 8200

Perfs @ 8220-8245

7 0 CSG @ 8,230

T/Salt - 1453 1/2

B/Salt - 1783 1/2

Glorieta - 4604

Drinkard - 5900

Tubbs - 5620

**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**

COMMENTS

Action 20271

**COMMENTS**

Operator:	OGRID:	Action Number:	Action Type:
LEGACY RESERVES OPERATING, LP Suite 3000 Midland, TX79705	240974	20271	C-103F

Created By	Comment	Comment Date
plmartinez	DATA ENTRY PM	05/11/2021



**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
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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 20271

CONDITIONS OF APPROVAL

Operator: LEGACY RESERVES OPERATING, LP Suite 3000 Midland, TX79705		15 Smith Road	OGRID: 240974	Action Number: 20271	Action Type: C-103F
OCD Reviewer kfortner	Condition See attached conditions of approval				