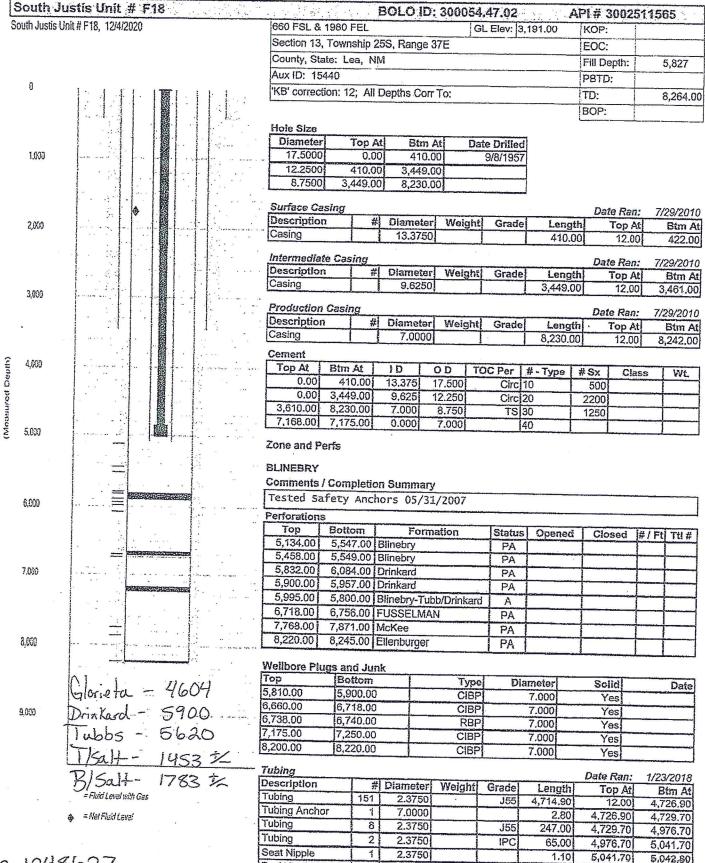
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10	Office		New Me		Form C-103
	<u>District I</u> – (575) 393-6161	Energy, Minerals	and Natu	ral Resources	Revised July 18, 2013
Page	1625 N. French Dr., Hobbs, NM 88240				WELL API NO.
1	<u>District II</u> – (575) 748-1283 811 S. First St., Artesia, NM 88210	OIL CONSERV	VATION	DIVISION	30-025-11565
	District III - (505) 334-6178	1220 South	h St. Fran	ncis Dr.	5. Indicate Type of Lease  STATE ☐ FEE ☒
	1000 Rio Brazos Rd., Aztec, NM 87410		e, NM 87		6. State Oil & Gas Lease No.
	<u>District IV</u> – (505) 476-3460 1220 S. St. Francis Dr., Santa Fe, NM	, Santa i	0, 11111 07	303	6. State Off & Gas Lease No.
	87505				
		ICES AND REPORTS O			7. Lease Name or Unit Agreement Name
	(DO NOT USE THIS FORM FOR PROPO				South Justis Unit
	DIFFERENT RESERVOIR. USE "APPLIPROPOSALS.)	CATION FOR PERMIT" (FOR	.M C-101) FC	JR SUCH	8. Well Number 18
	1. Type of Well: Oil Well	Gas Well  Other			
	2. Name of Operator				9. OGRID Number
	Legac	y Reserves Operating LP	1		240974
	3. Address of Operator				10. Pool name or Wildcat
	15 Sm	ith Road, Suite 3000, Mid	iland, TX	79705	Justis; Blineberry-Tubb-Drinkard
Ī	4. Well Location				
	Unit Letter N	: 660 feet from the	South	line and 19	980 feet from the <u>West</u> line
	Section 13	Township	25S	Range 37E	NMPM County Lea
		11. Elevation (Show wi			
		in a second	191' GL	, , , , , , , , , , , , , , , , , , , ,	
	12 Check	Appropriate Box to In	dicate N	ature of Notice	Report or Other Data
	12. Check	appropriate Box to in	idioate i ti	atare of frontee,	report of other Data
	NOTICE OF IN	NTENTION TO:	,	SUBS	SEQUENT REPORT OF:
	PERFORM REMEDIAL WORK	PLUG AND ABANDON		REMEDIAL WORK	
	TEMPORARILY ABANDON ☐	CHANGE PLANS		COMMENCE DRII	LLING OPNS. ☐ P AND A ☐
	PULL OR ALTER CASING	MULTIPLE COMPL		CASING/CEMENT	JOB 🔲
	DOWNHOLE COMMINGLE		-		
	CLOSED-LOOP SYSTEM □		_	Server Americans	
_	OTHER:	1 . 1		OTHER:	
	13. Describe proposed or comp	oleted operations. (Clearly	y state all p	pertinent details, and	give pertinent dates, including estimated date
			.14 NMAC	. For Multiple Con	npletions: Attach wellbore diagram of
	proposed completion or rec	completion.			
	1. Tag existing 7" CIBP @ 58	368' w/ 4 sx cmt on top.			
	2. Set 7" CIBP @ 5085'. Circ	ulate hole with MLF. Pres	ssure test c	sg. Spot 25 sx cmt (	@ 5085'-4985'.
	3. Spot 30 sx cmt @ 4654'-45				
	4. Perf & Sqz 60 sx cmt @ 35	00'-3350'. WOC & Tag (	(9-5/8" Sho	oe)	
	<ol><li>Perf &amp; Sqz 60 sx cmt @ 18</li></ol>				
	6. Perf & Sqz 60 sx cmt @ 15				
	7. Perf & Sqz 60 sx cmt @ 46		3-3/8" Shoe	e)	
	8. Perf & Sqz 70 sx cmt @ 20		. II1. M	1	
	9. Cut off well head, verify cr	at to surface, weld on Dry	Hole Mar.		ATTACHED CONDITIONS
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cei	APPROVED BY: XIII	Forther TITL	E Com	pliance Officer A	DATE 5/10/21
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Lagacy Афог. Well Name Field/Pool County State

Abby-BCM & Associates, Inc South Justis Unit Justis; Blnbry, Tubb, Drkd Lea New Mexico

Well No. API #: Location:

#F18 30-025-11565 Sec 13, T25S, R37E 660' FSL & 1980' FEL 3191

Description	0.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

GL: Spud Date

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

13 7/8

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)

CSG@

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

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

9 5/8 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

# 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 least¼" 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

Printed: 12/4/2020

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7.020 8,050		1 0 0	4604	) )	BLINEBRY Comments Tested 5: Perforation Top 5,134,00 5,458,00 5,900,00 5,995,00 6,718,00 7,768,00 8,220,00  Weilbore Pi Top 5,810,00 6,660,00 6,738,00 7,175,00 8,200,00	/ Complete afety And September 1,547.00   5,547.00   5,549.00   6,084.00   5,957.00   6,756.00   7,871.00   8,245.00   Ugs and Jugs and Ju	Blin Blin Drin Blin Blin Blin Blin Blin Blin Blin Bl	Form lebry lebry nkard nkard lebry-Tu SSELM/	1/2007 nation bb/Drink AN T C C G	sard	PA PA PA PA A PA PA PA	7.000 7.000	S	olid Yes Yes Yes	#/F1	
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7.090 8,050		6 - 11	4604	) 5 ½	BLINEBRY Comments Tested 5: Perforation Top 5,134,00 5,458,00 5,832,00 5,900,00 6,718,00 7,768,00 8,220,00  Weilbore Pi Top 5,810,00 6,660,00 6,738,00 7,175,00 8,200,00  Tubing Description	/ Complet afety And series   Bottom   5,547.00   5,549.00   6,084.00   5,957.00   6,756.00   7,871.00   8,245.00   1,000   6,718.00   6,718.00   6,740.00   7,250.00   8,220.00   8,220.00	Blim Blim Blim Blim Blim Blim Blim Blim	Form nebry nebry nebry-Tu SSELMA (SELMA (SEL	1/2007 nation  bb/Drink N  C C C C Weig	ype IBP IBP BP BP	PA	7.000 7.000 7.000 7.000	S	olid Yes Yes Yes Yes	1/2	Da
7.050 8,050		- 6 - 10 - 17	46045900	) 5 ½	BLINEBRY Comments Tested 5: Perforation Top 5,134,00 5,458,00 5,832,00 5,900,00 6,718,00 7,768,00 8,220,00 Wellbore Pi Top 5,810,00 6,660,00 6,738,00 7,175,00 8,200,00  Tubing Description Tubing	J Complete afety Andrews September 15,547.00 5,549.00 6,756.00 7,871.00 8,245.00 15,900.0 6,718.0 6,740.0 7,250.0 8,220.0 15	Blin Drin Blin Blin Blin Blin Blin Blin Blin Bl	Form nebry nebry nkard nkard nebry-Tu SSELMA (See nburger	1/2007 nation  bb/Drink N  C C C C Weig	ype IBP IBP BP BP	PA PA PA PA A PA PA PA	7.000 7.000 7.000 7.000 7.000 7.000 4.714.90	Dat	olid Yes Yes Yes Yes Yes Yes Top At	1/2. E 4,	Da 3/20184m /
7.050 8,050		- 6 - 10 - 17	46045900	) 5 ½	BLINEBRY Comments Tested 5: Perforation Top 5,134,00 5,458,00 5,832,00 5,900,00 6,718,00 7,768,00 8,220,00  Weilbore Pi Top 5,810,00 6,660,00 6,738,00 7,175,00 8,200,00  Tubing Description Tubing Tubing Anch	/ Complet afety And series   Bottom   5,547.00   5,549.00   6,7871.00   8,245.00   15,900.0   6,718.0   6,740.0   7,250.0   8,220.0   8,220.0	Blir Drir Blin McFUS Elle	Form lebry lebry lebry lebry-Tu lebry-T	1/2007 nation  bb/Drink NN  T C C C C Weig	ype IBP IBP BP BP	PA Dia	7.000 7.000 7.000 7.000 7.000 7.000 4.714.90 2.80	Dat 4.	olid Yes Yes Yes Yes Yes Top At 12.00 726.90	1/2, E 4,,	Da 3/201 84m / 726.9
7,050 - 8,050		- 6 - 10 - 17	46045900	) 5 ½	BLINEBRY Comments Tested 5: Perforation Top 5,134,00 5,458,00 5,900,00 5,995,00 6,718,00 7,768,00 8,220,00  Weilbore Pi Top 5,810,00 6,660,00 6,738,00 7,175,00 8,200,00  Tubing Description Tubing Tubing Anch Tubing	/ Complet afety And series   Bottom   5,547.00   5,549.00   6,084.00   5,957.00   8,245.00   8,245.00   8,245.00   6,718.0   6,740.0   7,250.0   8,220.0   8,220.0	Bliri Bliri Blin Blin	Form lebry lebry lebry lebry-Tu lebry-T	1/2007 nation  bb/Drink N  C C C Weig	ype IBP IBP BP BP	PA PA PA PA PA PA PA PA PA Dia	7.000 7.000 7.000 7.000 7.000 7.000 7.000 2.80 247.00	Dat 4. 4. 4.	olid Yes Yes Yes Yes Yes Top At 12.00 726.90 729.70	1/2, E 4,0 4,5	Da 3/201 84m / 726.9 729.7
7.030 8,050		- 6 - 10 - 17	46045900	) 5 ½	BLINEBRY Comments Tested 5: Perforation Top 5,134,00 5,458,00 5,900,00 5,995,00 6,718,00 7,768,00 8,220,00  Weilbore Pi Top 5,810,00 6,660,00 6,738,00 7,175,00 8,200,00  Tubing Description Tubing Tubing Tubing Tubing	/ Complet afety And Services   Southern Servic	Blir Blir Blin Blin Blin Blin Blin Blin Blin Blin	Form lebry lebry lebry lebry lebry lebry lebry lebry lebry lebry-Tu SSELM/Kee nburger lebry-Tu SSELM/Kee nburger 2.3750 7.0000 2.3750 2.3750	1/2007 nation  bb/Drink NN  T C C C C Weig	ype IBP IBP BP BP	PA Dia	7,000 7,000 7,000 7,000 7,000 7,000 7,000 4,714,90 2,80 247,00 65,00	Dat 4. 4. 4. 4.	olid Yes Yes Yes Yes Yes Top At 12.00 726.90 729.70	1/2, E 4,5 4,5 5,6	Da 3/201 84m / 726.9 729.7 976.7
7.050 3,050	Glorieta Drinkard Tubbs T/Salt- B/Salt-	- 6 - 10 - 17	46045900	) 5 ½	BLINEBRY Comments Tested 5: Perforation Top 5,134,00 5,458,00 5,900,00 5,995,00 6,718,00 7,768,00 8,220,00  Weilbore Pi Top 5,810,00 6,660,00 6,738,00 7,175,00 8,200,00  Tubing Description Tubing Tubing Anch Tubing	/ Complet afety And Services   South Ser	Bliri Bliri Blin Blin	Form lebry lebry lebry lebry-Tu lebry-T	1/2007 nation  bb/Drink N  T C C C Weig	ype IBP IBP BP BP	PA PA PA PA PA PA PA PA PA Dia	7.000 7.000 7.000 7.000 7.000 7.000 7.000 2.80 247.00	Dat 4. 4. 4. 5. 5.	olid Yes Yes Yes Yes Yes Top At 12.00 726.90 729.70	1/2, E 4,5 4,5 5,6 5,6	Da 3/201 7/26.9729.7



Lagacy Афог. Well Name Field/Pool County State Spud Date

Abby-BCM & Associates, Inc South Justis Unit Justis; Blnbry, Tubb, Drkd Lea New Mexico

Well No. API #: Location:

	#F18
30-0	25-11565
Sec 13.	T25S, R37E
660' FSI	& 1980' FEL
	3191

Description	· O.D.	Grade	Weight	Deptin	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

GL:

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

13 7/8

410

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

CSG@

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

T/Salt-14532 B/Salt-17837/ Glorieta-4604 Drinkard-5900 Tubbs-5620

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

9 5/8 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

Released to Imaging: 5/11/2021 7:32:57 AM

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720

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 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	15 Smith Road	240974	20271	C-103F
Suite 3000 Midland, TX79705				

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

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720

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**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:			OGRID:	Action Number:	Action Type:
LEGACY	RESERVES OPERATING, LP	15 Smith Road	240974	20271	C-103F
Suite 3000	Midland, TX79705				

OCD Reviewer	Condition
kfortner	See attached conditions of approval