Form 3160-5 (June 2019)

# UNITED STATES DEPARTMENT OF THE INTERIOR PLIPE ALL OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 202

BUREAU OF LAND MANAGEMENT	
DRY NOTICES AND REPORTS ON WELLS	

5. Lease Serial No. NMNM0140977

Do not use this	NOTICES AND REPO form for proposals t Use Form 3160-3 (A	o drill or to re-	-enter an	6. If Indian, Allot	tee or Tribe Name		
SUBMIT IN	TRIPLICATE - Other instru	ıctions on page 2			Agreement, Name and/or No.		
1. Type of Well					S UNIT/NMNM87877X		
Oil Well Gas	_			8. Well Name and	8. Well Name and No. SJU TR-C/131		
2. Name of Operator LEGACY RES	ERVES OPERATING LP			9. API Well No. 3	002532322		
3a. Address 15 SMITH ROAD SUIT	TE 3000, MIDLAND, TX 79	3b. Phone No. <i>(incl)</i> (432) 689-5200	ude area code)	10. Field and Poo	l or Exploratory Area S		
4. Location of Well (Footage, Sec., T., SEC 11/T25S/R37E/NMP	R.,M., or Survey Description)			11. Country or Pa	rish, State		
12. CH	ECK THE APPROPRIATE B	OX(ES) TO INDICA	TE NATURE O	F NOTICE, REPORT OR	OTHER DATA		
TYPE OF SUBMISSION			ТҮРЕ	OF ACTION			
Notice of Intent	Acidize Alter Casing	Deepen Hydraulic	Fracturing	Production (Start/Resur	me) Water Shut-Off Well Integrity		
Subsequent Report	Casing Repair Change Plans	New Cons Plug and A	=	Recomplete Temporarily Abandon	Other		
Final Abandonment Notice	Convert to Injection	Plug Back		Water Disposal			
is ready for final inspection.)  We are requesting the subject temporary abandonment to a South Justis Unit C131:  1. TOOH with rods and tubing 2. Set CIBP @ 5,064 with 35  3. Tag cement top.  4. Circulate well and load cases 5. Notify NMOCD for MIT.  SUBJECT TO LIKE APPROVAL BY BLM	ct well be placed in TA statu llow for review of waterflood g. of cement.	is for one year. Thi d pattern and poter	s well is locate	d in the South Justis Wa	and the operator has detennined that the site aterflood Unit and we request		
14. I hereby certify that the foregoing in MELANIE REYES / Ph: (432) 221		nted/Typed) Title	Compliance e	Coordinator			
Signature		Dat	e	09/2	29/2022		
	THE SPACE	FOR FEDERA	AL OR STAT	E OFICE USE			
Approved by							
Jonathon W Shepard / Ph: (575)	234-5972 / Approved		Petrole:	um Engineer	11/29/2022 Date		
Conditions of approval, if any, are atta certify that the applicant holds legal or			Office CARL	SBAD	1		

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.

(Instructions on page 2)

which would entitle the applicant to conduct operations thereon.

#### **GENERAL INSTRUCTIONS**

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

#### SPECIFIC INSTRUCTIONS

*Item 4* - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

#### **NOTICES**

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c)and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

**BURDEN HOURS STATEMENT:** Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

(Form 3160-5, page 2)

# **Additional Information**

# **Location of Well**

 $0. \ SHL: \ NWSE\ /\ 1655\ FSL\ /\ 2200\ FEL\ /\ TWSP: \ 25S\ /\ RANGE: \ 37E\ /\ SECTION: \ 11\ /\ LAT: \ 0.0\ /\ LONG: \ 0.0\ (\ TVD: \ 0\ feet, \ MD: \ 0\ feet)$  BHL: \ NWSE\ /\ 1655\ FSL\ /\ 2200\ FEL\ /\ TWSP: \ 25S\ /\ SECTION: \ /\ LAT: \ 0.0\ /\ LONG: \ 0.0\ (\ TVD: \ 0\ feet, \ MD: \ 0\ feet)

### **BUREAU OF LAND MANAGEMENT**

Carlsbad Field Office 620 East Greene Street Carlsbad, New Mexico 88220 575-234-5972

# **Conditions of Approval for Temporary Abandonment of Wells**

**Definition:** A temporarily abandoned well is a completion that is not capable of production in paying quantities, but which may have future value. Pursuant to 43 CFR 3162.3-4 (c), no well may be temporarily abandoned for more than 30 days without the prior approval of the authorized officer.

- 1. TA status will be effective for a period of up to one year from the date of sundry approval and can be renewed annually thereafter per IM NM-2016-017.
- 2. A bridge plug (CIBP) must be installed 50 to 100 feet above any open perforations or open hole. The CIBP must be capped with either a minimum of 25 sacks of cement if placed with tubing or 35 feet of cement if placed with a bailer. The top of the cement must be verified by tagging.
- 3. The wellbore must be filled with corrosion inhibited fluid and pressure tested to 500 psi. The casing shall be capable of holding this pressure for at least 30 minutes. If the well does not pass the casing integrity test, then the operator shall, within 30 days, submit a procedure to either repair the casing or to plug and abandon the well.
- 4. Contact the appropriate BLM office at least 24 hours prior to the scheduled Casing Integrity Test. For wells in Eddy County, 575-361-2822; Lea County 575-689-5981.
- 5. All downhole production/injection equipment (tubing, rods, etc.) shall be removed from the casing if it is not isolated by a packer.
- 6. A bradenhead test must be conducted. If the test indicates a problem, a remedial plan and time frame for remediation shall be submitted within ninety (90) days of the test.
- 7. Submit a subsequent Sundry Notice (Form 3160-5) with the following information:
  - a. A well bore diagram with all perforations, CIBP's, and tops of cement on CIBP's.
  - b. A description of the temporary abandonment procedure.
  - c. A clear copy or the original of the pressure test chart.

# **Wellbore Schematic**

South Justis Unit # C131 BOLO ID: 300054.09.04 API # 3002532322 1655 FSL & 2200 FEL GL Elev: 3,132.00 KOP: South Justis Unit # C131. 9/1/2022 Section J 11, Township 25S, Range 37E EOC: Fill Depth: County, State: Lea, NM Aux ID: 21260 PBTD: 6.029.00 6,100.00 'KB' correction: ; All Depths Corr To: TD: 0 BOP: **Hole Size** Diameter Top At Btm At **Date Drilled** 12.2500 0.00 1,055.00 3/3/1995 1,055.00 6,100.00 7.8750 1.000 Surface Casing Date Ran: 8/24/2009 Description Diameter Weight Grade Length Top At **Btm At** Casing 8.6250 24.00 J55 1,055.00 0.00 1,055.00 **Production Casing** Date Ran: 8/24/2009 Description Diameter Weight Grade Length Top At **Btm At** Casing 5.5000 15.50 J55 6,100.00 0.00 6,100.00 2,000 Cement O D TOC Per # Sx Wt. Top At **Btm At** I D # - Type Class 1,055.00 8.625 12.250 Circ 10 550 0.00 5.500 TS 20 1575 С 1,700.00 6,100.00 7.875 Zone and Perfs 3,000 (Measured Depth) **BLINEBRY Comments / Completion Summary** 3/24/1995: Original completion. Perf: 5114 - 5507, and 5595 -6014. Acid on 5114 - 5507 with 1000gal and frac with 38000gal and 126000# sand. Acid on 5595 - 6014 with 1000gal and frac with 38000gal and 126000# sand. 4,000 No further stimulation. **Perforations** 

-	Тор	Bottom	Formation	Status	Opened	Closed	# / Ft	Ttl #
	5,114.00	5,507.00	Blinebry	Α	3/24/1995			
_	5,595.00	6,014.00	Blinebry-Tubb/Drinkard	Α	3/24/1995			

Printed:

9/1/2022

Tubing						Date Ran:	1/10/2020
Description	#	# Diameter Weight Grade Le		Length	Top At	Btm At	
Tubing	160	2.3750	4.70		5,006.96	0.00	5,006.96
Tubing Anchor	1	5.5000			2.85	5,006.96	5,009.81
Tubing	27	2.3750	4.70		848.00	5,009.81	5,857.81
Tubing	1	2.3750	4.70		32.78	5,857.81	5,890.59
Seat Nipple	1	2.3750			1.10	5,890.59	5,891.69
Perf Nipple	1	2.3750			4.10	5,891.69	5,895.79
Mud Anchor	1	2.3750			31.70	5,895.79	5,927.49

Rods		_	a			Date Ran:	1/10/2020
Description	#	Diameter	<b>Rod Box</b>	Grade	Length	Top At	Btm At
Polish Rod	1	1.2500			22.00	0.00	22.00
Polish Rod Liner	1	1.5000			12.00	10.00	22.00
Pony Rods	3	1.0000	SH SM	FG	21.00	22.00	43.00
Rods	50	1.0000	SH SM	FG	1,875.00	43.00	1,918.00
Rods	80	0.8750	SH SM		2,000.00	1,918.00	3,918.00
Rods	70	0.7500	SH SM		1,750.00	3,918.00	5,668.00
Sinker Bars	8	1.5000	Full SM		200.00	5,668.00	5,868.00
Stabilizer	1	0.8750	SH SM		4.00	5,868.00	5,872.00
Pump	1	1.2500			20.00	5,872.00	5,892.00

= Fluid Level with Gas = Net Fluid Level

5,000

6,000

7,000

# **Wellbore Schematic**

South Justis Unit # F24

South Justis Unit # F24, 9/1/2022

(Measured Depth) 4,000

5,000

6,000

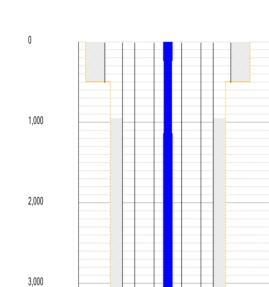
7,000

8.000

API # 3002511759 BOLO ID: 300054.51.02 1980 FNL & 1980 FWL GL Elev: 3,058.00 KOP: Section 25, Township 25S, Range 37E EOC: County, State: Lea, NM Fill Depth: 5,900 PBTD: 5,926.00 Aux ID: 16900 TD: 'KB' correction: 12; All Depths Corr To: 7,000.00 BOP:

Printed:

9/1/2022



Hole Size										
Diameter	Top At	Btm At	Date Drilled							
17.5000	0.00	497.00	8/13/1958							
12.2500	497.00	3,263.00	8/24/1958							
8.7500	3,263.00	7,150.00								

Surface Casing Date Ran: 1/4/2008 Weight Description Diameter Grade Length Top At Btm At Casing 124 13.3750 497.00 12.00 509.00

Intermediate Cas	ing					Date Ran:	1/4/2008
Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
Casing	82	9.6250			3,263.00	12.00	3,275.00

1/4/2008 **Production Casing** Date Ran: Description Diameter Weight Grade Length Top At **Btm At** Casing 173 7.0000 6,926.00 12.00 6,938.00

#### Cement

- [	Top At	Btm At	ID	O D	TOC Per	# - Type	# Sx	Class	Wt.
	0.00	497.00	13.375	17.500	Circ	10	400		
	950.00	3,263.00	9.625	12.250	TS	20	1500		
	3,488.00	6,926.00	7.000	8.750	TS	30	500		

### Zone and Perfs

### **BLINEBRY**

## **Perforations**

Тор	Bottom	Formation	Status	Opened	Closed	# / Ft	Ttl #
4,978.00	5,926.00	Blinebry-Tubb/Drinkard	Α				
6,926.00	7,000.00	Fusselman					

Wellbore Plugs and Junk

Тор	Bottom	Туре	Diameter	Solid	Date
5,926.00	6,030.00	Cement	7.000	Yes	
6,030.00	6,050.00	CIBP	7.000	Yes	

Tubing						Date Ran:	5/30/2018
Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
Tubing	153	2.8750			4,906.00	12.00	4,918.00
Tubing Anchor	1	7.0000			3.00	4,918.00	4,921.00
Tubing	21	2.8750			678.00	4,921.00	5,599.00
Tubing	2	2.8750			64.00	5,599.00	5,663.00
Seat Nipple	1	2.8750			1.00	5,663.00	5,664.00
Perf Nipple	1	2.8750			4.00	5,664.00	5,668.00
Mud Anchor	1	2.3750			32.00	5,668.00	5,700.00

Rods						Date Ran:	5/30/2018
Description	#	Diameter	Rod Box	Grade	Length	Top At	Btm At
Polish Rod	1	1.2500					
Polish Rod Liner	1	1.5000					0.00
Pony Rods	3	1.0000			12.00	0.00	12.00
Rods	9	1.0000			225.00	12.00	237.00
Rods	36	0.8750			900.00	237.00	1,137.00
Rods	64	1.0000		FG	2,400.00	1,137.00	3,537.00
Rods	40	0.8750			1,000.00	3,537.00	4,537.00
Rods	36	0.7500			900.00	4,537.00	5,437.00

# **Wellbore Schematic**

South Justis Unit # F24		ВС	BOLO ID: 300054.51.02			API # 3002511759		
	Sinker Bars	6	1.5000		150.00	5,437.00	5,587.00	
	Stabilizer	1	1.0000		4.00	5,587.00	5,591.00	
	Pump	1	1.5000		24.00	5,591.00	5,615.00	
	2.5-1.5-24-4					-		
	Gas Anchor	1	1.2500		6.00	5,615.00	5,621.00	

Printed: 9/1/2022

# **Wellbore Schematic**

Printed: 9/1/2022 Page 1 South Justis Unit # C131 BOLO ID: 300054.09.04 API # 3002532322 1655 FSL & 2200 FEL GL Elev: 3,132.00 KOP: South Justis Unit # C131. 9/1/2022 Section J 11, Township 25S, Range 37E EOC: Fill Depth: County, State: Lea, NM Aux ID: 21260 PBTD: 6.029.00 'KB' correction: ; All Depths Corr To: TD: 6,100.00 0 BOP: **Hole Size** Diameter Btm At **Date Drilled** Top At 1,055.00 12.2500 0.00 3/3/1995 6,100.00 7.8750 1,055.00 1.000 Surface Casing Date Ran: 8/24/2009 Description Diameter Weight Grade Length Top At **Btm At** Casing 8.6250 24.00 J55 1,055.00 0.00 1,055.00 **Production Casing** Date Ran: 8/24/2009 Description Diameter Weight Grade Length Top At **Btm At** Casing 5.5000 15.50 J55 6,100.00 0.00 6,100.00 2,000 Cement TOC Per Wt. **Btm At** I D O D # - Type #Sx Class Top At 550 12.250 Circ 10 0.00 1,055.00 8.625 TS 20 С 1,700.00 6,100.00 5.500 7.875 1575 Zone and Perfs 3,000 (Measured Depth) **BLINEBRY Comments / Completion Summary** 3/24/1995: Original completion. Perf: 5114 - 5507, and 5595 -6014. Acid on 5114 - 5507 with 1000gal and frac with 38000gal and 126000# sand. Acid on 5595 - 6014 with 1000gal and frac with 38000gal and 126000# sand. 4,000 No further stimulation. Perforations Top **Bottom Formation Status** Opened Closed # / Ft | Ttl # 5,114.00 5,507.00 Blinebry 3/24/1995 5,595.00 6,014.00 Blinebry-Tubb/Drinkard 3/24/1995 5,000 Wellbore Plugs and Junk Bottom Diameter Solid Date Тор Type 5.500 5,069.00 CIBP 9/1/2022 5,064.00 Yes Proposed TA, CIBP w/ 35' cmt (9/1/2022) 6.000 7,000

= Fluid Level with Gas

= Net Fluid Level

# Wellbore Schematic

South Justis Unit # F24 BOLO ID: 300054.51.02 API # 3002511759 1980 FNL & 1980 FWL GL Elev: 3,058.00 KOP: South Justis Unit # F24 9/1/2022 Section 25, Township 25S, Range 37E EOC: Fill Depth: 5.900 County, State: Lea, NM Aux ID: 16900 PBTD: 5.926.00 'KB' correction: 12; All Depths Corr To: TD: 7,000.00 0 BOP: **Hole Size** Diameter Btm At **Date Drilled** Top At 0.00 17.5000 497.00 8/13/1958 8/24/1958 12.2500 497.00 3,263.00 1,000 8.7500 3,263.00 7,150.00 Surface Casing Date Ran: 1/4/2008 Description # Diameter Weight Grade Length Top At Btm At 124 13.3750 497.00 12.00 509.00 Casing 2,000 Intermediate Casing Date Ran: 1/4/2008 Description Diameter Weight Grade Btm At Length Top At Casing 82 9.6250 3,263.00 12.00 3,275.00 1/4/2008 **Production Casing** Date Ran: Description Diameter Weight Grade Length **Btm At** Top At 3,000 Casing 173 7.0000 6,926.00 12.00 6,938.00 Cement (Measured Depth) Top At **Btm At** I D O D TOC Per # - Type #Sx Class Wt. 0.00 497.00 13.375 17.500 Circ 10 400 950.00 3,263.00 9.625 12.250 TS 20 1500 4,000 3.488.00 6.926.00 7.000 8.750 TS 30 500 Zone and Perfs **BLINEBRY** Perforations 5,000 Closed #/Ft Ttl# Top **Bottom Formation Status** Opened 4,978.00 5,926.00 Blinebry-Tubb/Drinkard 6,926.00 7,000.00 Fusselman Wellbore Plugs and Junk **Bottom** Diameter Solid Date Top Type 6.000 5,926.00 6,030.00 7.000 Cement Yes 6,030.00 6,050.00 CIBP 7.000 Yes Tubing Date Ran: 5/30/2018 # Diameter Weight Length Btm At Description Grade Top At 4,918.00 Tubing 153 2.8750 4,906.00 12.00 7.000 Tubing Anchor 1 7.0000 3.00 4,918.00 4,921.00 2.8750 21 678.00 4,921.00 5,599.00 Tubing 5,599.00 2 2.8750 64.00 5,663.00 Tubing Seat Nipple 1 2.8750 1.00 5,663.00 5,664.00 Perf Nipple 1 2.8750 4.00 5,664.00 5,668.00 Mud Anchor 1 2.3750 32.00 5,668.00 5,700.00 8.000 Rods Date Ran: 5/30/2018 Description Diameter Rod Box Grade Length Top At **Btm At** Polish Rod 1.2500 Polish Rod Liner 1.5000 0.00 1 1.0000 12.00 Pony Rods 3 12.00 0.00 = Fluid Level with Gas 9 1.0000 225.00 12.00 237.00 Rods 900.00 36 0.8750 237.00 1,137.00 Rods = Net Fluid Level 64 1.0000 FG 2,400.00 1,137.00 3,537.00 Rods Rods 40 0.8750 1,000.00 3,537.00 4,537.00

Rods

36

0.7500

900.00

4,537.00

5,437.00

Printed:

9/1/2022

Printed: 9/1/2022

# **Wellbore Schematic**

South Justis Unit # F24			BOLO ID: 300054.51.02			API # 3002511759		
	Sinker Bars	6	1.5000		150.00	5,437.00	5,587.00	
	Stabilizer	1	1.0000		4.00	5,587.00	5,591.00	
	Pump	1	1.5000		24.00	5,591.00	5,615.00	
	2.5-1.5-24-4	•	*	<del></del>				
	Gas Anchor	1	1.2500		6.00	5,615.00	5,621.00	

Released to Imaging: 12/6/2022 2:09:24 PM

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

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 162449

## **CONDITIONS**

Operator:	OGRID:
LEGACY RESERVES OPERATING, LP	240974
15 Smith Road	Action Number:
Midland, TX 79705	162449
	Action Type:
	[C-103] NOI Temporary Abandonment (C-103I)

#### CONDITIONS

Created By		Condition Date
kfortner	Like approval from BLM	12/6/2022