

Form 3160-5
(June 2019)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2021**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.5. Lease Serial No. **NMLC060944**
6. If Indian, Allottee or Tribe Name**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator **LEGACY RESERVES OPERATING LP**3a. Address **15 SMITH ROAD SUITE 3000, MIDLAND, TX 79** 3b. Phone No. (include area code)
(432) 689-52004. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SEC 14/T25S/R37E/NMP7. If Unit of CA/Agreement, Name and/or No.
SOUTH JUSTIS UNIT/NMNM87877X8. Well Name and No. **SJU TR-C/16**9. API Well No. **3002520032**10. Field and Pool or Exploratory Area
JUSTIS/JUSTIS11. Country or Parish, State
LEA/NM**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off	
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity	
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other	
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input checked="" type="checkbox"/> Temporarily Abandon		
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal		

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has detennined that the site is ready for final inspection.)

We are requesting the subject well be placed in TA status for one year. This well is located in the South Justis Waterflood Unit and we request temporary abandonment to allow for review of waterflood pattern and potential injector conversion.

1. TOO H with Production Equipment. Rods/Tubing/Pump from ~ 5,451'
2. PU and RIH with 4.5" AW scraper to 5128'
3. PU 4.5 in. CIBP and set @ ~5078"
4. Spot 35' cmt with dump bailer or 25 sx through tubing on top of CIBP.
5. Tag cement top. Record depth.
6. Circulate well and load casing with packer fluid. Pre-test casing.
7. Notify NMOCD for MIT.

Accepted for Record Only

NMOCD 1/19/23

SUBJECT TO LIKE
APPROVAL BY BLM

X 7

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
MELANIE REYES / Ph: (432) 221-6358Title **Compliance Coordinator**

Signature

Date

01/12/2023

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Jonathon W Shepard / Ph: (575) 234-5972 / ApprovedTitle **Petroleum Engineer**Date **01/14/2023**

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office **CARLSBAD**

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)

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, 3162.3-3, 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

Additional Information

Location of Well

0. SHL: SWNE / 2310 FNL / 1650 FEL / TWSP: 25S / RANGE: 37E / SECTION: 14 / LAT: 0.0 / LONG: 0.0 (TVD: 0 feet, MD: 0 feet)

BHL: SWNE / 2310 FNL / 1650 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

Printed: 1/11/2023

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South Justis Unit # C16

BOLO ID: 300054.07.02

API # 3002520032

South Justis Unit # C16, 1/11/2023

2310 FNL & 1650 FEL	GL Elev:	KOP:	
Section G 14, Township 25S, Range 37E		EOC:	
County, State: Lea, NM		Fill Depth:	
Aux ID: 18760		PBTD:	5,615.00
'KB' correction: ; All Depths Corr To:		TD:	5,650.00
		BOP:	

Hole Size

Diameter	Top At	Btm At	Date Drilled
12.2500	0.00	930.00	2/16/1963
7.8750	930.00	5,650.00	

Surface Casing

Date Ran: 8/4/2009

Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
Casing		8.6250	24.00	J55	930.00	0.00	930.00

Production Casing

Date Ran: 8/4/2009

Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
Casing		4.5000	9.50	J55	5,650.00	0.00	5,650.00

Cement

Top At	Btm At	I D	O D	TOC Per	# - Type	# Sx	Class	Wt.
0.00	930.00	8.625	12.250	Circ	10	520		
1,200.00	5,650.00	4.500	7.875	TS	20	630		

Zone and Perfs

BLINEBRY

Comments / Completion Summary

3/16/1963: Original completion. Perf: 5451 - 64. Acid on 5451 - 64 with 250gal mud acid and frac with 4700gal lease crude and 4700# 20/40 sand. Perf: 5362 - 75 and 5392 - 5411. Acid on 5362 - 5411 with 500gal mud acid and 500gal regular acid and frac with 15000gal lease crude and 17250# 20/40 sand.

4/22/1969: Add perfs: 5128, 38, 46, 56, 76, 82, 93, 5228, 39, 86, 5304, 10, 25, 37, and 53. Acid on 5128 - 5353 with 1000gal 15% HCl. Frac on 5128 - 5464 with 50000gal brine and 50000# 20/40 sand in 5 stages.

3/4/1997: Acid with 3000gal 15% NEFE HCl.

5/2/2006: Henry well History document indicates a 2000gal acid job but no record exists in the well file.

Perforations

Top	Bottom	Formation	Status	Opened	Closed	# / Ft	Ttl #
5,128.00	5,353.00	Blinbry		4/22/1969			15
5,362.00	5,375.00	Blinbry		3/16/1963		4	
5,392.00	5,411.00	Blinbry		3/16/1963		4	
5,451.00	5,464.00	Blinbry		3/16/1963		4	

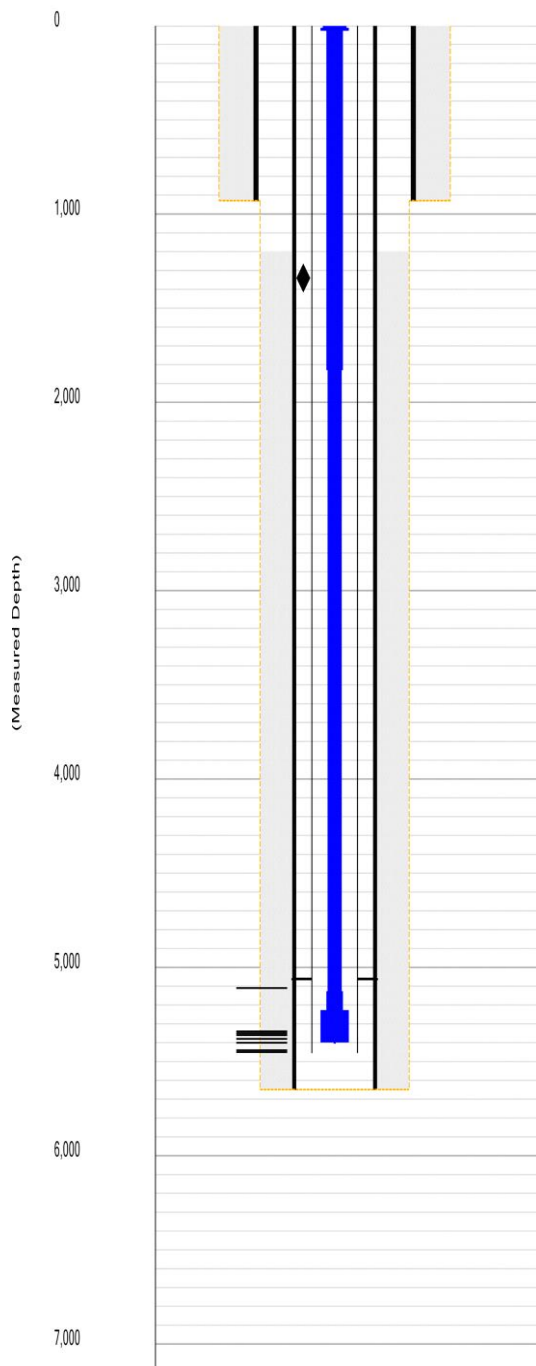
Tubing

Date Ran: 2/2/2018

Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
Tubing	170	2.3750			5,060.00	0.00	5,060.00
Tubing Anchor	1	4.5000			3.00	5,060.00	5,063.00
Tubing	8	2.3750			254.00	5,063.00	5,317.00
Tubing	2	2.3750			63.00	5,317.00	5,380.00

NEW IPC

Seat Nipple	1	2.3750			1.00	5,380.00	5,381.00
Perf Nipple	1	2.3750			4.00	5,381.00	5,385.00
Mud Anchor	2	2.3750			65.00	5,385.00	5,450.00
Bull Plug	1	2.3750			1.00	5,450.00	5,451.00



◇ = Fluid Level with Gas

◆ = Net Fluid Level

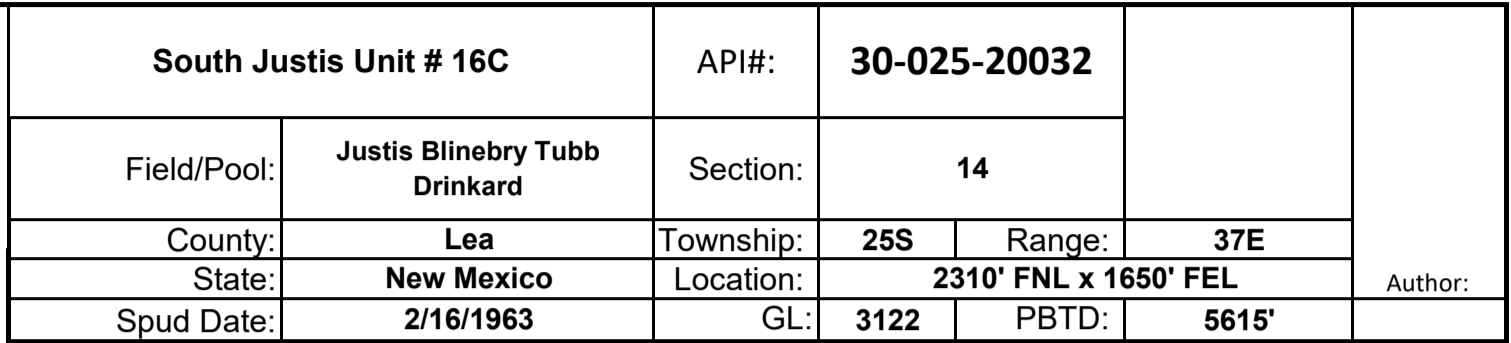
Wellbore Schematic

Printed: 1/11/2023

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South Justis Unit # C16**BOLO ID: 300054.07.02****API # 3002520032****Rods****Date Ran:** 2/2/2018

Description	#	Diameter	Rod Box	Grade	Length	Top At	Btm At
Polish Rod	1	1.2500			26.00	0.00	26.00
Polish Rod Liner	1	1.5000			14.00	12.00	26.00
Pony Rods	1	0.8750	SH SM		2.00	26.00	28.00
Rods	72	0.8750	SH SM		1,800.00	28.00	1,828.00
Rods	132	0.7500	Full SM		3,300.00	1,828.00	5,128.00
Rods	4	0.8750	SH SM		100.00	5,128.00	5,228.00
Sinker Bars	6	1.5000			150.00	5,228.00	5,378.00
Pump	1	1.5000			20.00	5,378.00	5,398.00
Gas Anchor	1				6.00	5,398.00	5,404.00



KB= 11'							
Description	O.D.	Weight	Top	Depth	Hole	Cmt Sx	TOC
Surface	8.625	24	10	930'	12.25	520 Sx	0' Circ'd
Production	4.5	9.5/11.6	10	5650'	8.75	830 Sx	1200' TS
Est TOC Surface Csg@ 0' Circ'd							
						Formation Tops:	
						Rustler (T-Salt)	1065
						Transil (B-Salt)	2245
						Yates	2380
						Queen	3095
						Glorietta	4718

Est TOC Production Csg @ 1200' TS

Top Perf: 5128
Bottom Perf: 5464

4.5 Production Casing @ 5650'

PBTD: 5615'
TD: 5650'

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 176738

CONDITIONS

Operator: LEGACY RESERVES OPERATING, LP 15 Smith Road Midland, TX 79705	OGRID: 240974
	Action Number: 176738
	Action Type: [C-103] NOI Temporary Abandonment (C-103I)

CONDITIONS

Created By	Condition	Condition Date
kfortner	Like approval from BLM	1/19/2023