Form 3160-5 (June 2015)

## **UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

HOBBS OCT

FORM APPROVED OMB NO. 1004-013 Expires: January 31, 2018

Lease Serial No

NMLC057180

6. If Indian, Allottee or Tribe Name

			8 8
SUNDRY NOTICE	S AND RE	PORTS OF	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 UN 1 5 2017

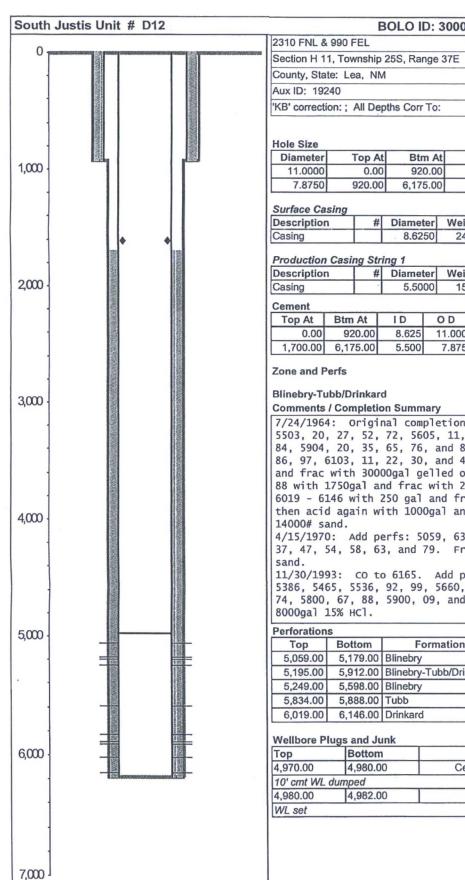
SUBMIT IN TRIPLICATE - Other instructions on page 2 RECEIVED 7. If Unit or CA/Agreement, Name and/or No. 1. Type of Well 8. Well Name and No. SOUTH JUSTIS UNIT 'D' 12 ☑ Oil Well ☐ Gas Well ☐ Other API Well No. Name of Operator Contact: JOHN SAENZ LEGACY RESERVES OPERATING LPE-Mail: jsaenz@legacylp.com 30-025-21058 Field and Pool or Exploratory Area JUSTIS;BLBRY-TUBB-DRKD 3b. Phone No. (include area code) 303 W WALL ST STE 1800 Ph: 432-689-5200 MIDLAND, TX 79701 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 11. County or Parish, State Sec 11 T25S R37E SENE 2310FNL 990FEL LEA CO COUNTY, NM 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION ☐ Acidize Deepen ☐ Production (Start/Resume) ☐ Water Shut-Off Notice of Intent ☐ Alter Casing ☐ Hydraulic Fracturing ☐ Reclamation ■ Well Integrity ■ Subsequent Report □ Casing Repair ■ New Construction □ Recomplete ☐ Other ☐ Final Abandonment Notice ☐ Change Plans □ Plug and Abandon ▼ Temporarily Abandon □ Convert to Injection ☐ Plug Back ■ 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 recomplete 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 recompletion 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 determined that the site is ready for final inspection. Procedure: Wireline dump bail 35' cement at 4970'. Contact BLM. Perform MIT test. We are requesting the well be placed in TA status for 1 year to allow for oil price recovery to Accepted for Record Only justify bringing the well back on and to study stimulation techniques results in the field. This is a low volume producer that needs to be stimulated, but current stimulation results do not allow for an economic justified workover. Current and proposed wellbore diagrams attached.

14. I hereby certify that	the foregoing is true and correct.  Electronic Submission #378548 verifie  For LEGACY RESERVES OPE						
Name (Printed/Typed)	JOHN SAENZ	Title	OPERATIONS ENGINEER				
Signature	(Electronic Submission)	Date	06/09/2017				
	THIS SPACE FOR FEDERA	L OR	STATE OFFICE USE				
Approved By  Conditions of approval, if any, are attached. Approval of this racked 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.  Title  Date  Office							
	of and Title 43 U.S.C. Section 1212, make it a crime for any posor fraudulent statements or representations as to any matter w			ency of the United			

(Instructions on page 2)

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

MGR/DOD 6/15/2017



BOLO ID: 3000	API # 3002521058		
2310 FNL & 990 FEL	GL Elev: 3,144.00	KOP:	
Section H 11, Township 25S, Range 37E		EOC:	
County, State: Lea, NM		Fill Depth:	6,164
Aux ID: 19240		PBTD:	6,165.00
'KB' correction: ; All Depths Corr To:		TD:	6,175.00
		BOP:	

	Diameter	Top At	Btm At	Date Drilled
	11.0000	0.00	920.00	6/7/1964
١	7.8750	920.00	6,175.00	

Date Ran:

ı	Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
I	Casing		8.6250	24.00		920.00	0.00	920.00
ı								

Date Ran:

Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
Casing		5.5000	15.50		6,175.00	0.00	6,175.00

١	Top At	Btm At	ID	OD	TOC Per	# - Type	# Sx	Class	Wt.
١	0.00	920.00	8.625	11.000	Circ	10	300		
١	1,700.00	6,175.00	5.500	7.875	TS	20	825		

7/24/1964: Original completion. Perf: 5249, 5354, 64, 5425, 32, 5503, 20, 27, 52, 72, 5605, 11, 37, 88, and 98. Perf: 5834, 45, 77, 84, 5904, 20, 35, 65, 76, and 88. Perf: 6019, 29, 40, 48, 55, 66, 86, 97, 6103, 11, 22, 30, and 46. Acid on 5294 - 5698 with 3000gal and frac with 30000gal gelled oil and 31665# sand. Acid on 5834 -88 with 1750gal and frac with 20000gal oil and 1000# sand. Acid on 6019 - 6146 with 250 gal and frac with 20000gal oil and 20000# sand then acid again with 1000gal and frac again with 14000gal oil and

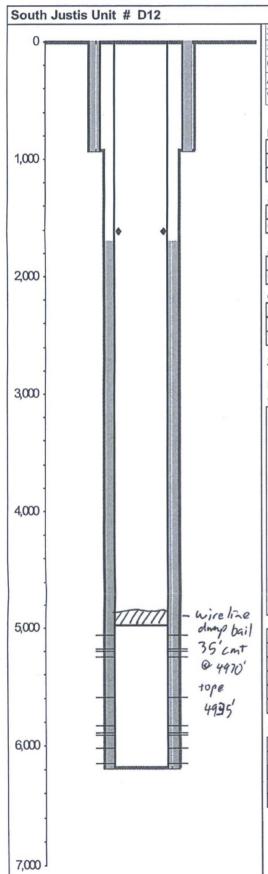
4/15/1970: Add perfs: 5059, 63, 70, 83, 5102, 08, 15, 19, 23, 29, 37, 47, 54, 58, 63, and 79. Frac: 80000gal brine and 120000# 20/40

11/30/1993: co to 6165. Add perfs: 5195, 5215, 21, 32, 63, 81, 5386, 5465, 5536, 92, 99, 5660, 70, 75, 5704, 18, 25, 39, 59, 66, 74, 5800, 67, 88, 5900, 09, and 12. Acid on 5059 - 6146 with

		_						
Т	ор	Bottom	Bottom Formation Status Opened Close		Closed	# / Ft	Ttl#	
5,0	059.00	5,179.00	Blinebry		4/15/1970		1	16
5,	195.00	5,912.00	Blinebry-Tubb/Drinkard		11/30/1993		1	27
5,2	249,00	5,598.00	Blinebry		7/24/1964		1	15
5,8	34.00	5,888.00	Tubb		7/24/1964		1	10
6,0	019.00	6,146.00	Drinkard		7/24/1964		1	13

Тор	Bottom	Type	Diameter	Solid	Date
4,970.00	4,980.00	Cement	5.500	Yes	6/15/2016
10' cmt WL	dumped				
4,980.00	4,982.00	CIBP	5.500	Yes	6/15/2016
WL set					





BOLO ID: 3000	API # 3002521058		
2310 FNL & 990 FEL	GL Elev: 3,144.00	KOP:	
Section H 11, Township 25S, Range 37E		EOC:	
County, State: Lea, NM		Fill Depth:	6,164
Aux ID: 19240		PBTD:	6,165.00
'KB' correction: ; All Depths Corr To:		TD:	6,175.00
		BOP:	

#### **Hole Size**

Diameter	Top At	Btm At	Date Drilled
11.0000	0.00	920.00	6/7/1964
7.8750	920.00	6,175.00	

Surface Casing Date Ran:

Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
Casing		8.6250	24.00		920.00	0.00	920.00

Date Ran: Production Casing String 1

ı	roduction dusing ctring r					2010110111				
ı	Description	#	Diameter	Weight	Grade	Length	Top At	Btm At		
ı	Casing		5.5000	15.50		6,175.00	0.00	6,175.00		

#### Cement

Top At	Btm At	ID	OD	TOC Per	# - Type	# Sx	Class	Wt.
0.00	920.00	8.625	11.000	Circ	10	300		
1,700.00	6,175.00	5.500	7.875	TS	20	825		

## Zone and Perfs

# Blinebry-Tubb/Drinkard

# Comments / Completion Summary

7/24/1964: Original completion. Perf: 5249, 5354, 64, 5425, 32, 5503, 20, 27, 52, 72, 5605, 11, 37, 88, and 98. Perf: 5834, 45, 77, 84, 5904, 20, 35, 65, 76, and 88. Perf: 6019, 29, 40, 48, 55, 66, 86, 97, 6103, 11, 22, 30, and 46. Acid on 5294 - 5698 with 3000gal and frac with 30000gal gelled oil and 31665# sand. Acid on 5834 -88 with 1750gal and frac with 20000gal oil and 1000# sand. Acid on 6019 - 6146 with 250 gal and frac with 20000gal oil and 20000# sand then acid again with 1000gal and frac again with 14000gal oil and 14000# sand.

4/15/1970: Add perfs: 5059, 63, 70, 83, 5102, 08, 15, 19, 23, 29, 37, 47, 54, 58, 63, and 79. Frac: 80000gal brine and 120000# 20/40

11/30/1993: CO to 6165. Add perfs: 5195, 5215, 21, 32, 63, 81, 5386, 5465, 5536, 92, 99, 5660, 70, 75, 5704, 18, 25, 39, 59, 66, 74, 5800, 67, 88, 5900, 09, and 12. Acid on 5059 - 6146 with 8000gal 15% HCl.

#### Perforations

Тор	Bottom	Formation	Status	Opened	Closed	# / Ft	Ttl#
5,059.00	5,179.00	Blinebry		4/15/1970		1	16
5,195.00	5,912.00	Blinebry-Tubb/Drinkard		11/30/1993		1	27
5,249.00	5,598.00	Blinebry		7/24/1964		1	15
5,834.00	5,888.00	Tubb		7/24/1964		1	10
6,019.00	6,146.00	Drinkard		7/24/1964		1	13

# Wellbore Plugs and Junk

Тор	Bottom	Type	Diameter	Solid	Date				
4,970.00	4,980.00	Cement	5.500	Yes	6/15/2016				
10' cmt WL	10' cmt WL dumped								
4,980.00	4,982.00	CIBP	5.500	Yes	6/15/2016				
WL set									