U.S. Department of the Interior BUREAU OF LAND MANAGEMENT Sundry Print Report

Well Name: NELLIS FEDERAL

Well Location: T19S / R33E / SEC 5 /

SWSE /

County or Parish/State: LEA /

Well Number: 1

Type of Well: CONVENTIONAL GAS

WELL

Allottee or Tribe Name:

Lease Number: NMNM077002

Unit or CA Name:

Unit or CA Number:

US Well Number: 3002501663

Well Status: Producing Oil Well

Operator: LEGACY RESERVES

OPERATING LP

Notice of Intent

Sundry ID: 2646111

Type of Submission: Notice of Intent

Type of Action: Temporary Abandonment

Date Sundry Submitted: 11/30/2021

Time Sundry Submitted: 07:00

Date proposed operation will begin: 12/15/2021

Procedure Description: Legacy Reserves respectfully requests approval to TA the Nellis Federal #1 well according to the following procedure: 1. Notify BLM of intent to MIT 2. MIRU 3. RIH w/ CIBP & set @ 13070'. Cap w/ 35' cmt on top. Tag. 4. Circ well and load casing with fluid. 5. Pressure Test well for MIT 6. Chart and submit to BLM for approval

Surface Disturbance

Is any additional surface disturbance proposed?: No

Conditions of Approval

Specialist Review

NELLIS_FED_1_TA_COA_20211130162442.pdf

Accepted for Record Only

APPROVAL BY BLM

NMOCD 3/2/22

Well Name: NELLIS FEDERAL Well Location: T19S / R33E / SEC 5 / County or Parish/State: LEA / SWSE /

Well Number: 1 Type of Well: CONVENTIONAL GAS Allottee or Tribe Name:

WELL

Lease Number: NMNM077002 Unit or CA Name: **Unit or CA Number:**

US Well Number: 3002501663 Well Status: Producing Oil Well **Operator: LEGACY RESERVES**

OPERATING LP

Operator Certification

I certify that the foregoing is true and correct. 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: TERRI STATHEM Signed on: NOV 30, 2021 06:59 AM

Name: LEGACY RESERVES OPERATING LP

Title: Mngr Regulatory Compliance

Street Address: 15 SMITH ROAD, SUITE 300 City: MIDLAND State: TX

Phone: (432) 221-6332

Email address: TSTATHEM@LEGACYRESERVES.COM

Field Representative

Representative Name:

Street Address:

City: State: Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: ZOTA M STEVENS BLM POC Title: Petroleum Engineer

BLM POC Phone: 5752345998 BLM POC Email Address: ZSTEVENS@BLM.GOV

Disposition: Approved Disposition Date: 11/30/2021

Signature: ZOTA STEVENS



U.S. Department of the Interior BUREAU OF LAND MANAGEMENT

Well Number: 1

Sundry Print Report

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SWSE /

Type of Well: CONVENTIONAL GAS Allottee or Tribe Name:

VELL

Lease Number: NMNM077002 Unit or CA Name: Unit or CA Number:

US Well Number: 3002501663 Well Status: Producing Oil Well Operator: LEGACY RESERVES

OPERATING LP

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Page 1 of 2

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Unit or CA Number:

Lease Number: NMNM077002

Unit or CA Name:

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BLM POC Phone: 5752345998 BLM POC Email Address: ZSTEVENS@BLM.GOV

Disposition Date: 11/30/2021 **Disposition:** Approved

Signature: ZOTA STEVENS

Page 2 of 2

BUREAU OF LAND MANAGEMENT Carlsbad Field Office 620 East Greene Street Carlsbad, New Mexico 88220 575-234-5972

Temporary Abandonment of Wells on Federal Lands Conditions of Approval

A temporarily abandoned well is defined as a completion that is not capable of production in paying quantities but which may have value as a service well. 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.

Temporary Abandonment (TA) status approval requires a successful mechanical or casing integrity test as follows:

- 1. A Notice of Intent (NOI) Sundry Notice (Form 3160-5) requesting approval to run a mechanical integrity test (MIT) or casing integrity test (CIT).
- 2. A description of the temporary abandonment procedure.
 - a. A bridge plug or packer must be installed as close to 50 feet above any open perforations or open hole as possible. If a cement plug is used, the top of the cement must be verified by tagging. CIBP must be capped with minimum 25 sacks cement, **placed with tubing**.
 - b. 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. Any leak-off will be evaluated.
 - c. All downhole production/injection equipment (tubing, rods, etc.) shall be removed from the casing if they are not isolated by a packer.
 - d. A bradenhead test must be conducted. If the test indicates a problem exists, a remedial plan and time frame for remediation shall be submitted within ninety (90) days of the test.
 - e. 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 575-393-3612.
- 3. Provides justification why the well should be temporarily abandoned rather than permanently plugged and abandoned and an estimated date that the well will be returned to beneficial use or plugged and abandoned. 43 CFR 3162.3-4 (a) The operator shall promptly plug and abandon...wells in which oil or gas is not encountered in paying quantities...

Wells that successfully pass the casing integrity test **may** be approved for Temporary Abandonment (TA) status provided that the operator:

- 1. Submits a subsequent Sundry Notice (Form 3160-5) requesting TA approval with well bore diagram with all perforations and CIBP's and tops of cement on CIBP's.
- 2. Describes the temporary abandonment procedure.
- 3. Attaches a clear copy or the original of the pressure test chart.
- 4. Give justification to allow well to be place in TA status and plan for future use of well with time frame that well will be place back on line or plans to P&A well will be submitted.

If the well does not pass the casing integrity test, then the operator shall within 30 days submit to BLM for approval one of the following:

- 1. A procedure to repair the casing so that a TA approval can be granted.
- 2. A procedure to plug and abandon the well.

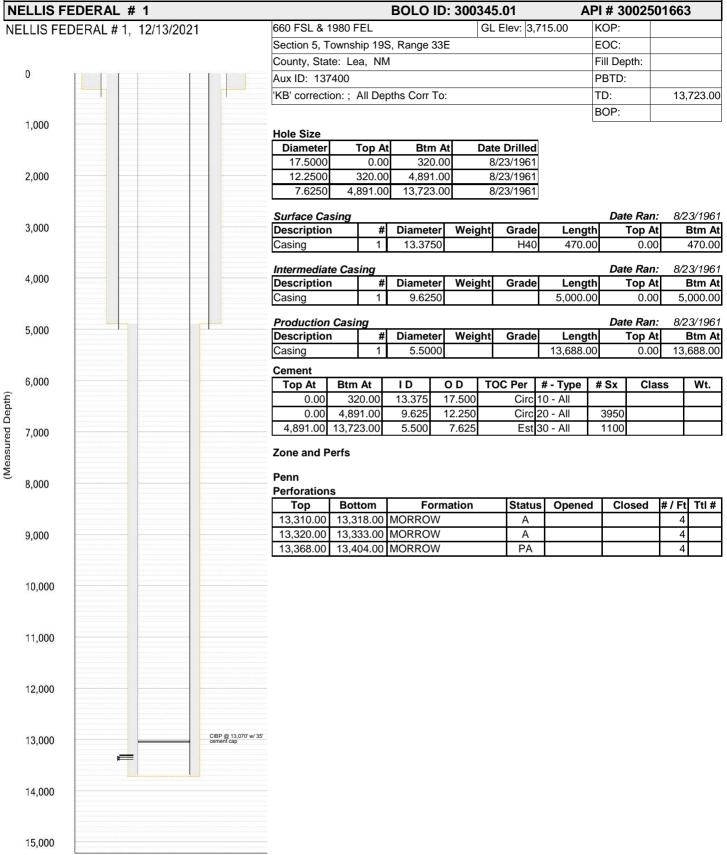
Well Name: <u>NELLIS FED 1</u> Submit Subsequent Report and well bore diagram with all Perforations and CIBP with tops of cement. Well may be approved to be TA for a period of <u>12 months or until 12/31/2022</u> after successful MIT and subsequent report is submitted. If well is not brought into production by 12/31/2022, operator shall P&A the well.

PROPOSED

Wellbore Schematic

Page 1

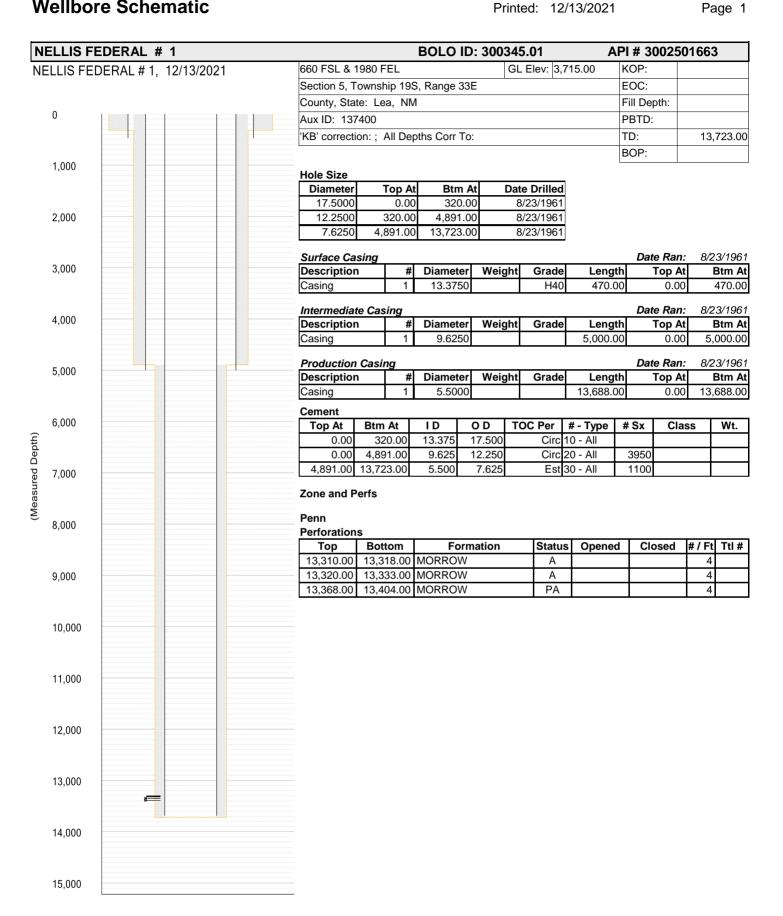
Printed: 12/13/2021



CURRENT

Wellbore Schematic

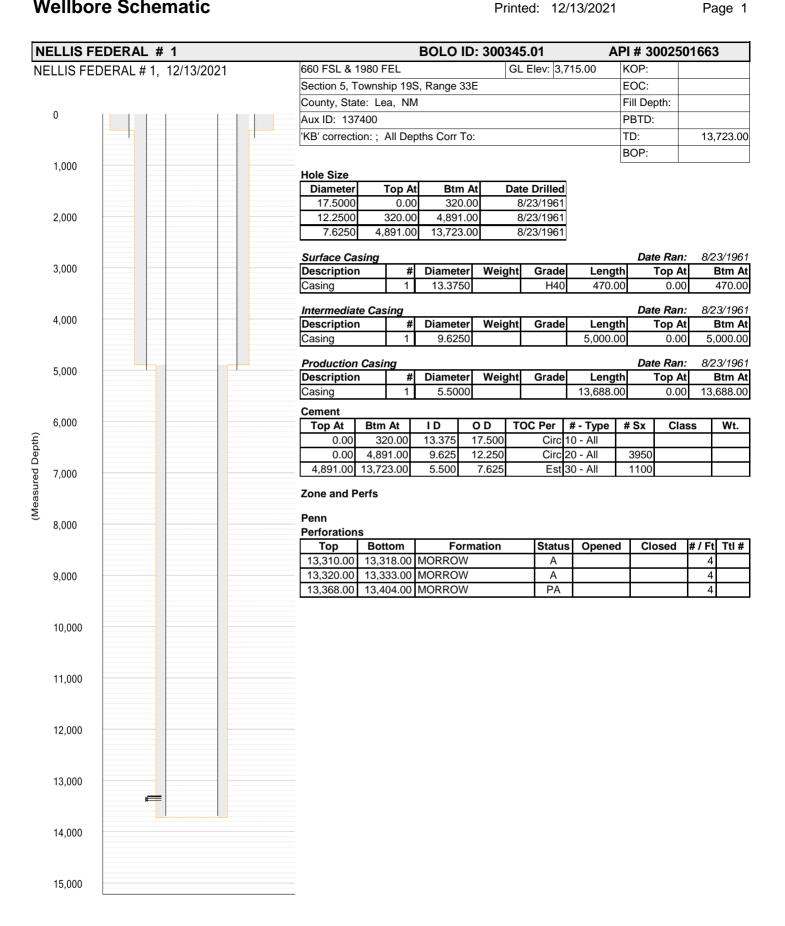
Printed: 12/13/2021



CURRENT

Wellbore Schematic

Printed: 12/13/2021



NELLIS FEDERAL # 1, 12/13/2021

Page 1

PROPOSED

Wellbore Schematic

NELLIS FEDERAL # 1

0

1,000

2,000

 BOLO ID: 300345.01
 API # 3002501663

 660 FSL & 1980 FEL
 GL Elev: 3,715.00
 KOP:

 Section 5, Township 19S, Range 33E
 EOC:

 County, State: Lea, NM
 Fill Depth:

 Aux ID: 137400
 PBTD:

 'KB' correction: ; All Depths Corr To:
 TD: 13,723.00

Printed: 12/13/2021

BOP:

Hole Size
Diamete

Diameter	Top At	Btm At	Date Drilled
17.5000	0.00	320.00	8/23/1961
12.2500	320.00	4,891.00	8/23/1961
7.6250	4,891.00	13,723.00	8/23/1961

Surface Casing						Date Ran:	8/23/1961
Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
Casing	1	13.3750		H40	470.00	0.00	470.00

Intermediate Cas	Date Ran:	8/23/1961					
Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
Casing	1	9.6250			5,000.00	0.00	5,000.00

Production Casing							Date Ran:	8/23/1961
D	escription	#	Diameter	Weight	Grade	Length	Top At	Btm At
C	asing	1	5.5000			13,688.00	0.00	13,688.00

Cement

Top At	Btm At	ID	O D	TOC Per	# - Type	# Sx	Class	Wt.
0.00	320.00	13.375	17.500	Circ	10 - All			
0.00	4,891.00	9.625	12.250	Circ	20 - All	3950		
4,891.00	13,723.00	5.500	7.625	Est	30 - All	1100		

Zone and Perfs

Penn

Perforations

Тор	Bottom	Formation	Status	Opened	Closed	# / Ft	Ttl #
13,310.00	13,318.00	MORROW	Α			4	
13,320.00	13,333.00	MORROW	Α			4	
13,368.00	13,404.00	MORROW	PA			4	

	3,000					Su De Ca
	4,000					Inte
	5,000					Pro De Ca
pth)	6,000					Cei
(Measured Depth)	7,000					Zoı
(Me	8,000					Pei Pei
	9,000					13 13 13
	10,000					
	11,000					
	12,000					
	13,000	=		CIBP @cement) 13,070' w/ 35 cap	
	14,000	<u> </u>				
	15,000					

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**

COMMENTS

Action 66595

COMMENTS

Operator:	OGRID:
LEGACY RESERVES OPERATING, LP	240974
15 Smith Road	Action Number:
Midland, TX 79705	66595
	Action Type:
	[C-103] NOI Temporary Abandonment (C-103I)

COMMENTS

Created By	Comment	Comment Date
plmartinez	PM PM	3/3/2022

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Midland, TX 79705	66595
	Action Type:
	[C-103] NOI Temporary Abandonment (C-103I)

CONDITIONS

Created By	Condition	Condition Date
kfortner	Like approval from BLM	3/2/2022