Form 3160-5 (March 2012)

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

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FORM APPROVED

OMB No. 1004-0137 Expires: October 31, 2014

5. Lease Serial No. 211 NM077002

SUNDRY NOTICES AND REPORTS ON W Do not use this form for proposals to drill or to abandoned well. Use Form 3160-3 (APD) for suc	re-enter an
SUBMIT IN TRIPLICATE – Other instructions on	7 If Unit of CA/A greement Name and/or No
1. Type of Well  ☑ Oil Well ☐ Gas Well ☐ Other	8. Well Name and No. NELLIS FEDERAL #9
2. Name of Operator  LEGACY RESERVES OPERATING LP	9. API Well No. 30-025-26008
3a. Address   3b. Phone No.   PO BOX 10848   MIDLAND, TX 79702   432-689-5	(include area code) 10. Field and Pool or Exploratory Area
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)  1980' FNL & 1980' FWL, UNIT LETTER F, SEC 5, T19S, R33E	11. County or Parish, State  LEA COUNTY, NM
12. CHECK THE APPROPRIATE BOX(ES) TO IND	CATE NATURE OF NOTICE, REPORT OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION
Caring Papair Disput	n Production (Start/Resume) Water Shut-Off  Treat Reclamation Well Integrity  Construction Recomplete Other
✓ Subsequent Report	nd Abandon Temporarily Abandon
Final Abandonment Notice Convert to Injection Plug I	Back Water Disposal
testing has been completed. Final Abandonment Notices must be filed only after determined that the site is ready for final inspection.)  14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)	ultiple completion or recompletion in a new interval, a Form 3160-4 must be filed once r all requirements, including reclamation, have been completed and the operator has
	- COPERATIONS SUPERINTENDENT
Signature Signature	Title OPERATIONS SUPERINTENDENT  Date 02/19/2013
	RAL OR STATE OFFICE USE
Approved by	
Conditions of approval, if any, are attached. Approval of this notice does not warrant or contact that the applicant holds legal or equitable title to those rights in the subject lease which we entitle the applicant to conduct operations thereon.  Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any positions.	

(Instructions on page 2)

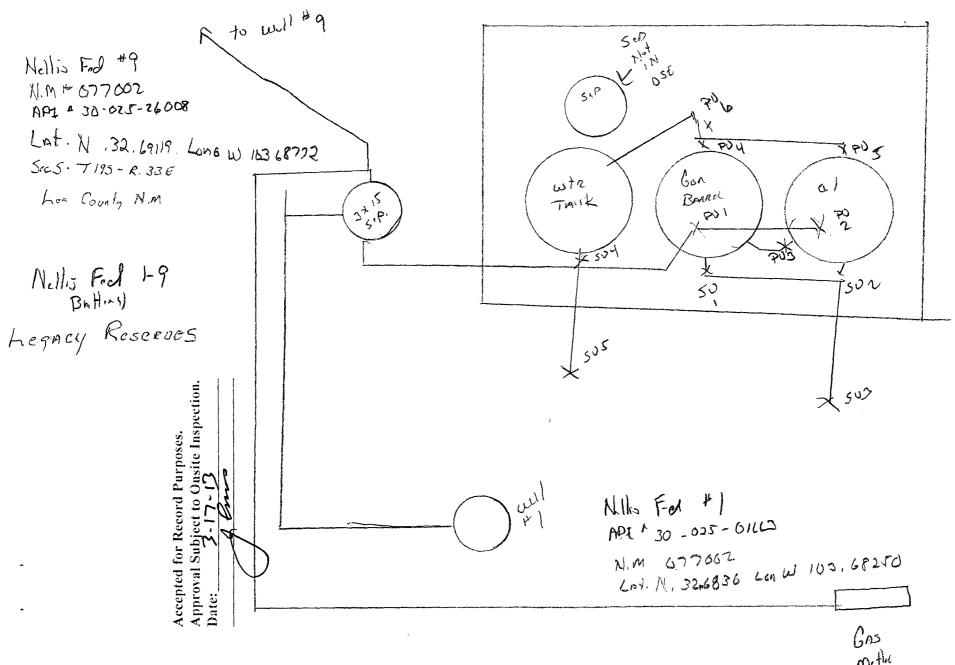
fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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

## **Conditions of Approval**

## Legacy Reserves Operating LP Nellis Federal #9 Lease NM077002 3002526008

- 1. Tank battery must be bermed/diked (must be able to contain 1 1/2 times the volume of the largest tank).
- 2. Submit for approval of water disposal method.
- 3. Submit updated facility diagrams as per Onshore Order #3
- 4. This agency shall be notified of any spill or discharge as required by NTL-3A.
- 5. All outstanding environmental issue must be addressed within 90 days. Contact Jim Amos for inspection and to resolve environmental issues. 575-234-5909
- 6. Install legible well sign on location with operator name, well name and number, lease number, unit number, 1/4 1/4, section, township, and range. NMOCD requires the API number on well signs.
- 7. Subject to like approval by NMOCD.



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## Nellis Federal 1-9- Legacy Reserves

#### **Production Phase**

PV 1 Open- Fill line valve to Gun Barrel

PV 2 Closed- Fill line valve to oil tank(sealed)

PV 3 Open- Equil. Valve to Tank

PV 4 Cirr. Line valve open to Gun Barrel

PV 5 Cirr. Line valve to closed to oil tank(sealed)

PV 6 Open valve on Gun Barrel to water tank

### Sales Phase

SV 1 Closed load line valve to Gun Barrel(Sealed)

SV 2 Closed load line vale to oil tank (sealed)

SV 3 Closed load line valve to end of load line

SV 4 Closed Valve on Water tank load line

SV 5 Closed valve at the end of water tank load line

Valves 2,3,4,5 open when loading

# WATER DISPOSAL ONSHORE ORDER #7

The following information is needed before your method of water disposal can be considered for approval.

1.	Name(s) of formation (s) producing water on the lease.  Wolf CAMP, MORROW
2.	Amount of water produced from each formation in barrels per day.
	3 661 Am Dry
3.	How water is stored on the lease.
4.	How water is moved to disposal facility.
5.	Operator's of disposal facility
	a. Lease name or well name and number Hobbs East San Andrees SWD
	b. Location by ¼ ¼ Section, Township, and Range of the disposal system
	Sec 20 - T 185 - R 39E
	c. The appropriate NMOCD permit number
	Poemit + R3500



# WATER ANALYSIS REPORT

**SAMPLE** 

Oil Co: LEGACY Date Sampled: 01/10/13
Lease: NELLIS FED Date Analyzed: 1/11/13

Well No.: 1&9

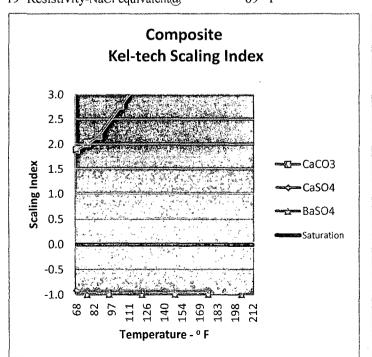
Lab ID Number: 1/11/13LEGACYNELLIS FED1&9

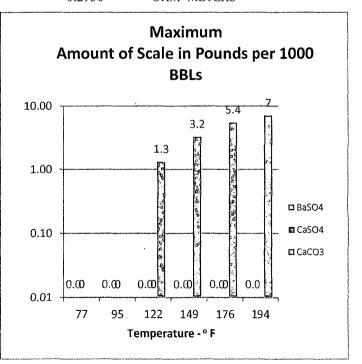
Location: TANK Account Manager: B. STRUBE
Attention: ACCT, MANAGER Requested By: LAB

ANALYSIS File Name: 1/11/13LEGACYNELLIS FED1&9

1 pH 6.5 Note: L 2 Specific Gravity 1.164 0

	@140 F	3.76		
DISSOLVED GASES		MG/L	EQ. WT	MEQ/L
4 Hydrogen Sulfide		0		
5 Carbon Dioxide		175		
6 Dissolved Oxygen		NOT DETERMIN	ED	
CATIONS				
7 Calcium	(Ca ++)	30,240	20.1	1504.48
8 Magnesium	(Mg <sup>++</sup> )	3,245	12.2	266.02
9 Sodium	(Na ++) (Calculated)	58,520	23.0	2544.35
10 Barium	(Ba <sup>++</sup> )	0	68.7	0.00
ANIONS				
11 Hydroxyl	(OH <sup>+</sup> )		17.0	0.00
12 Carbonate	(CO <sub>3</sub> -)		30.0	0.00
13 Bicarbonate	$(HCO_3)$	159	61.1	2.60
14 Sulfate	(SO <sub>4</sub> )	21	48.8	0.43
15 Chloride	(Cl <sup>-</sup> )	153,000	35.5	4309.86
16 Total Dissolved Solids	,	245,396		
17 Total Iron	(Fe)	36	18.2	1.96
18 Total Hardness as CaCO <sub>3</sub>		88,950		
19 Resistivity-NaCl equivalent@	69 °F	0.2936	OHM~METERS	





## Environmental Protection Agency Spill Prevention Control & Countermeasures Plan

## Legacy Reserves

Nellis Federal #1, #9

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Facility:

Nellis Federal #1, #9

Type of Facility:

Onshore Oil and Gas Production

State Identification:

30-025-01663

Facility Location:

12.6 miles southeast of Maljamar

County:

Lea

State:

New Mexico

Latitude:

32.68370 N

Longitude:

103.68245 W

Direction to Facility:

Refer to Facility Location Map, Attachment 1

## 1.1 Facility Owner and Operator

Name:

Legacy Reserves

Address:

303 W. Wall, Suite 1400

Midland, Texas 79701

Telephone:

(432) 689-5200

Name and address of operator:

Name:

Legacy Reserves

Address:

303 W. Wall, Suite 1400

Midland, Texas 79701

Telephone:

(432) 689-5200

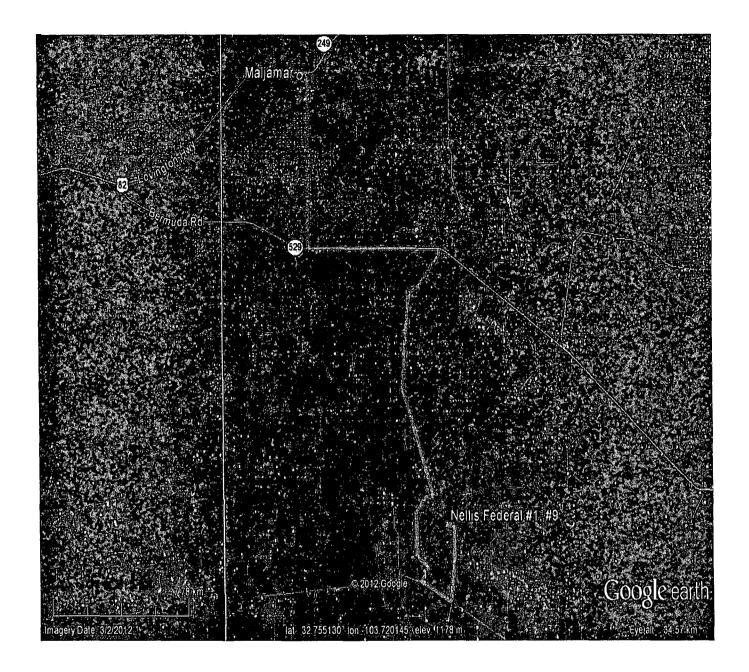
## 2.0 Determination of Non-Applicability

	This Facility does not meet the general applicability requirements of 40 CFR, Part 112.1 (b)
	and/or
This	Facility meets the non-applicability requirements of 40 CFR, Part 112.1 (d) for the following reasons:
$\boxtimes$	This Facility, due to its location, could not reasonably be expected to create a discharge of oil in harmful quantities into or upon navigable waters or adjoining shorelines. Nearest navigable water is Laguna Tonto 4.6 miles to the south.
	This Facility has a storage capacity of less than 1,320 gallons of oil.
	This Facility is a natural gas production facility which does not produce merchantable quantities of oil.

Operator: Legacy Reserves Facility: : Nellis Federal #1, #9

Date: 05/18/12

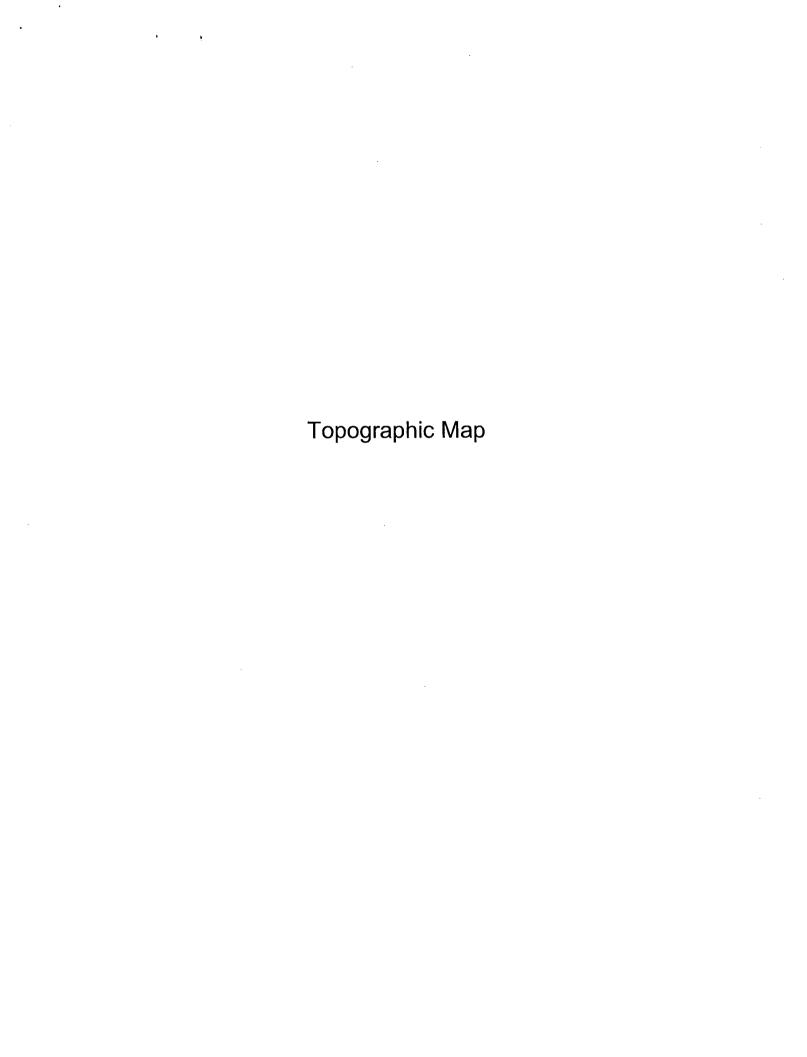
# Location Map



## **Directions:**

From the intersection of CR 126A and NM 529 near Maljamar, New Mexico; travel east on NM 529 for 4.6 miles. Turn south on Dog Lake Road for 7.2 miles. Turn west traveling 2.9 miles then turn east for 1.2 miles. Turn north for 2.5 miles into Tank Battery.

Legacy Reserves Nellis Federal #1, #9 Lea, NM



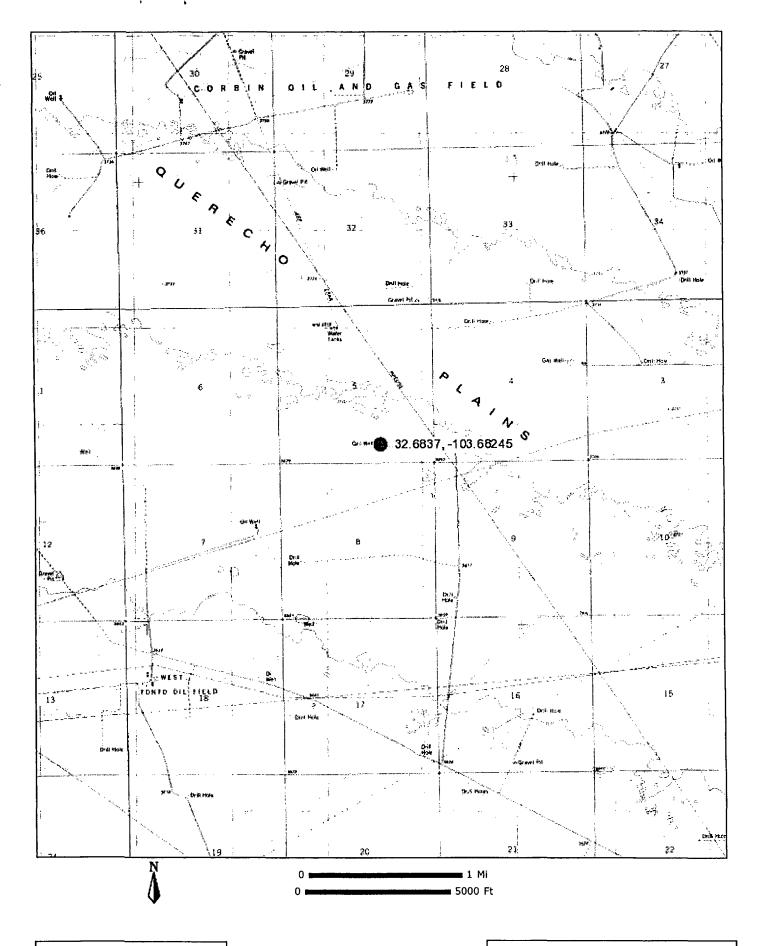
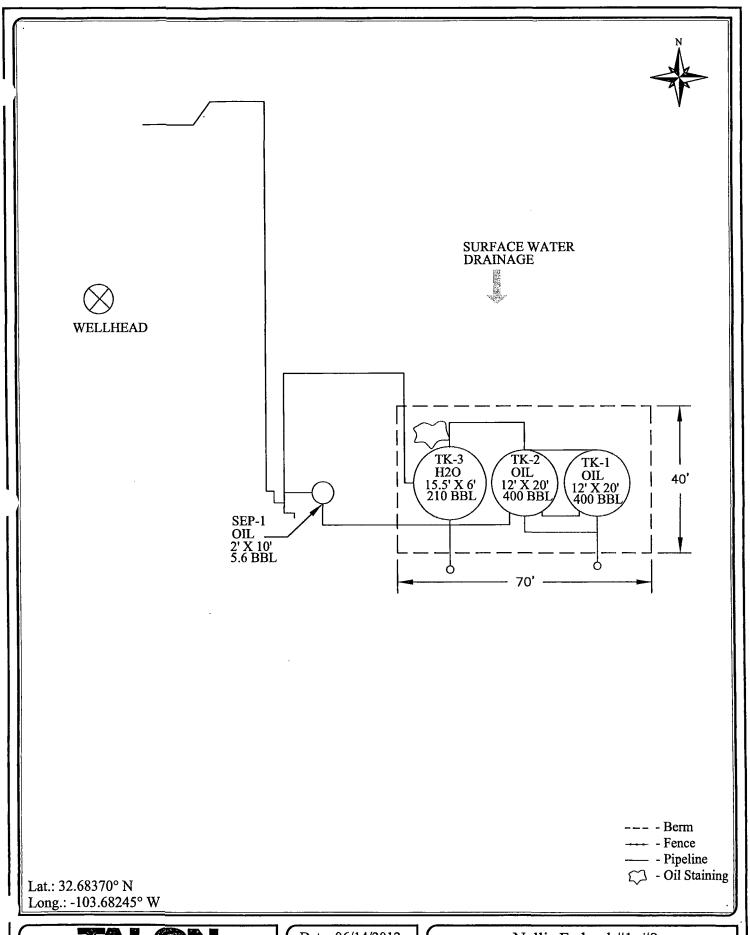


Figure 2-Topographic Map

Legacy Reserves / Nellis Federal #1, #9 Lea County, New Mexico Site Plan





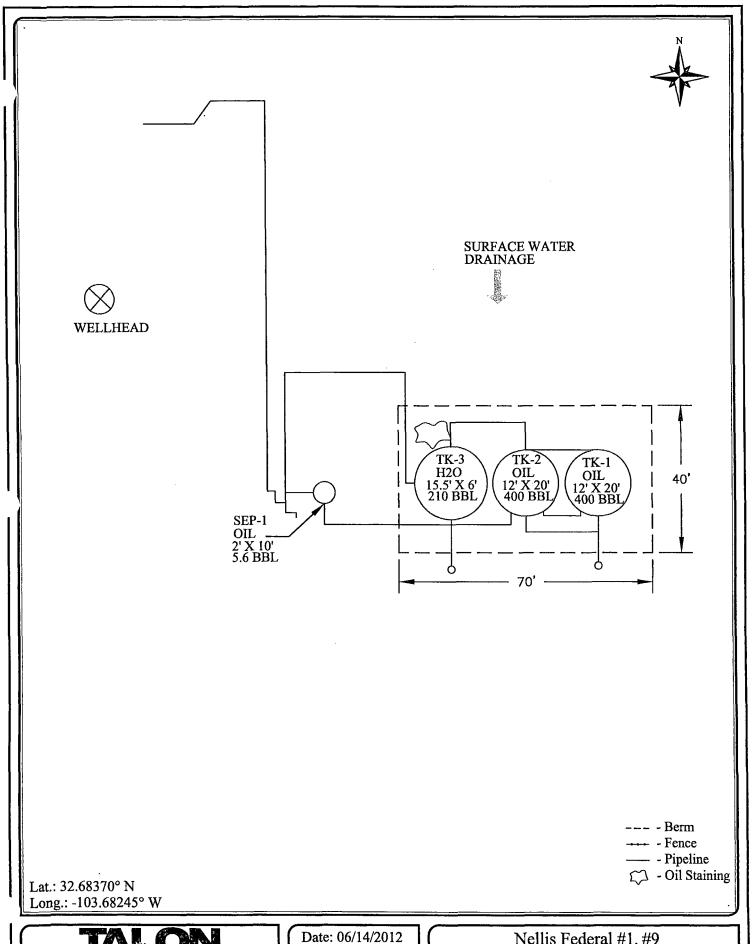
Date: 06/14/2012

Scale: NTS

Drawn By: EMF

Nellis Federal #1, #9 Legacy Reserves Lea County, New Mexico SPCC Site Plan







Scale: NTS

Drawn By: EMF

Nellis Federal #1, #9 Legacy Reserves Lea County, New Mexico SPCC Site Plan