

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
MAR 14 2018

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

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.

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NM-010063
2. Name of Operator Hilcorp Energy Company		6. If Indian, Allottee or Tribe Name
3a. Address PO Box 4700, Farmington, NM 87499	3b. Phone No. (include area code) 505-599-3400	7. If Unit of CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Surface Unit D (NWNW) 990' FNL & 990' FWL, Sec. 17, T28N, R11W		8. Well Name and No. Lucerne A 1
		9. API Well No. 30-045-07514
		10. Field and Pool or Exploratory Area Blanco Dakota
		11. Country or Parish, State San Juan, New Mexico

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"/> Fracture Treat	<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 checked="" type="checkbox"/> Other Soil Remediation
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input 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 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.)

Hilcorp Energy Company requests permission to go off pad to remediate historic contamination by utilizing excavating equipment. Attached is a map of the anticipated disturbance.

Accepted for Record
CS 3/27/18

NMOCD
MAR 26 2018
DISTRICT III

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
Clara Cardoza

Title **Environmental Specialist**

Signature *Clara Cardoza* Date **3/8/2018**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by *Shirley W. Smith* Title **Supv NRS** Date **3/20/18**

Office **FFO**

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.

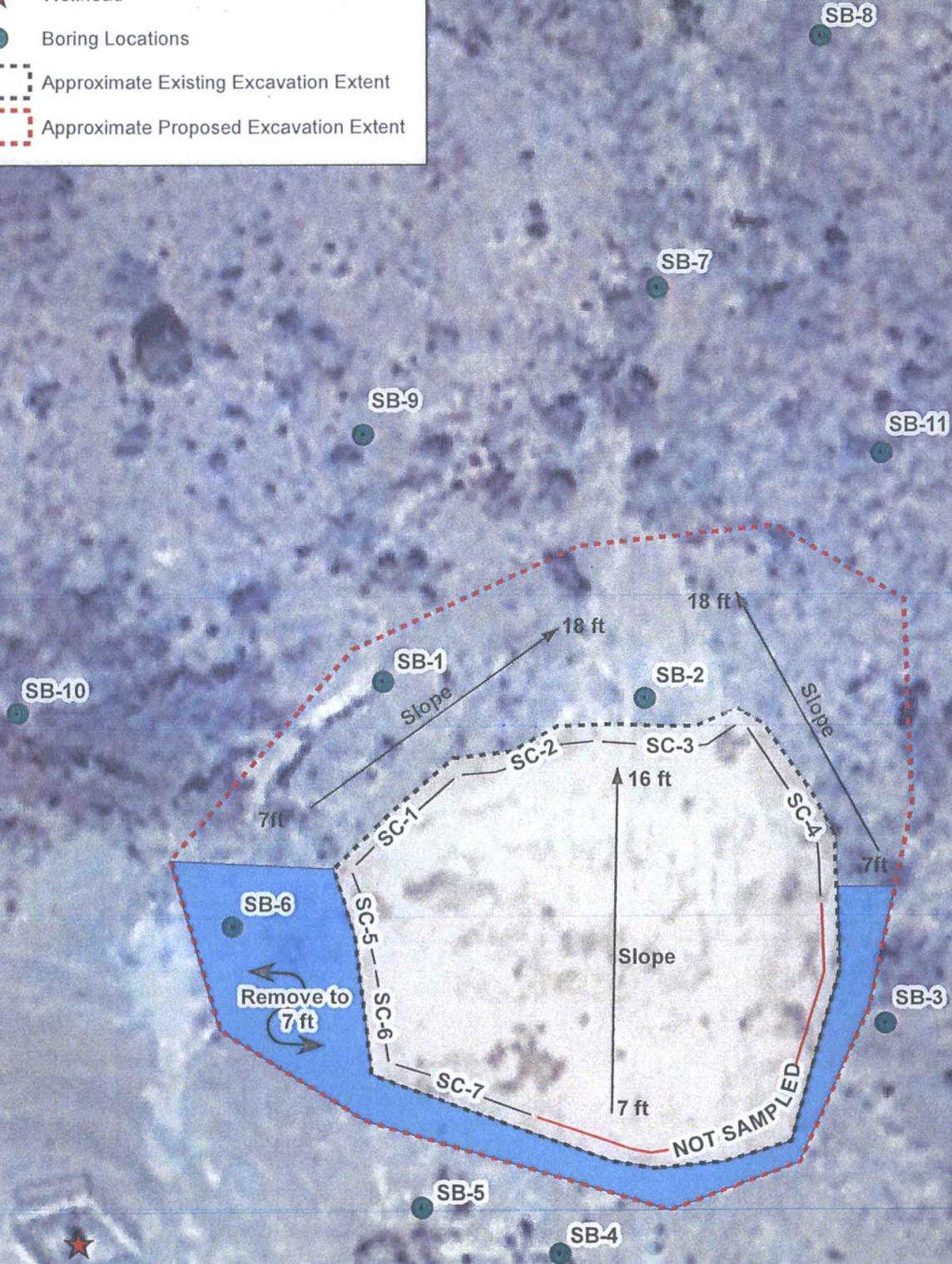
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCD

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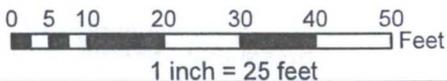
Legend

-  Wellhead
-  Boring Locations
-  Approximate Existing Excavation Extent
-  Approximate Proposed Excavation Extent



Source: Google Maps

Rule Engineering, LLC
Solutions to Regulations for Industry



S17-T28N-R11W
36.66629, -108.0322
San Juan County, NM
API: 30-045-07514

Figure A
Site Assessment Map
Lucerne A #1

United States Department of the Interior
BUREAU OF LAND MANAGEMENT
Farmington Field Office

**REQUEST FOR THREATENED AND ENDANGERED (T&E) / SPECIAL STATUS SPECIES
SPECIES PROPOSAL EVALUATION**

Accomplishment Number
2018-002

Instructions: Double Form: 1) the upper portion - a request for and 2) the lower portion - evaluation of need for Formal Consultation

TO: Resource Area Sensitive Species, T&E Species, and Migratory Birds

Please evaluate this proposed action relative to possible affects on any Federally listed T&E, proposed Federal T&E, State listed T&E, or Special Status Species which may occur in the proposed location.

Description of the proposed Action and Case Reference Number: Lucerne A1/3004507514 Operator has been delineating the location for hydrocarbon impacted soils and has followed the impacts to the edge of the location, and requires off location access to complete the delineation wor

LOCATION

T28N R11W Sec 17

PROPOSEE

Whitney Thomas NRS
Signature of Initiating Official & Title

12/12/2017
Date

This proposal and relative data have been analyzed concerning the following species: SSS

The analysis indicates that there would be a No- May- affect situation as a result of approving this described proposed action and Formal Consultation is is not necessary.

This proposal is a minor construction major construction.

Method of Analysis: Field Examination Data bank/GIS Other (explain)

COMMENTS No impacts to SSS are expected

Level 1 Biologist

/s/ John Kendall
(Signature)

Evaluated by

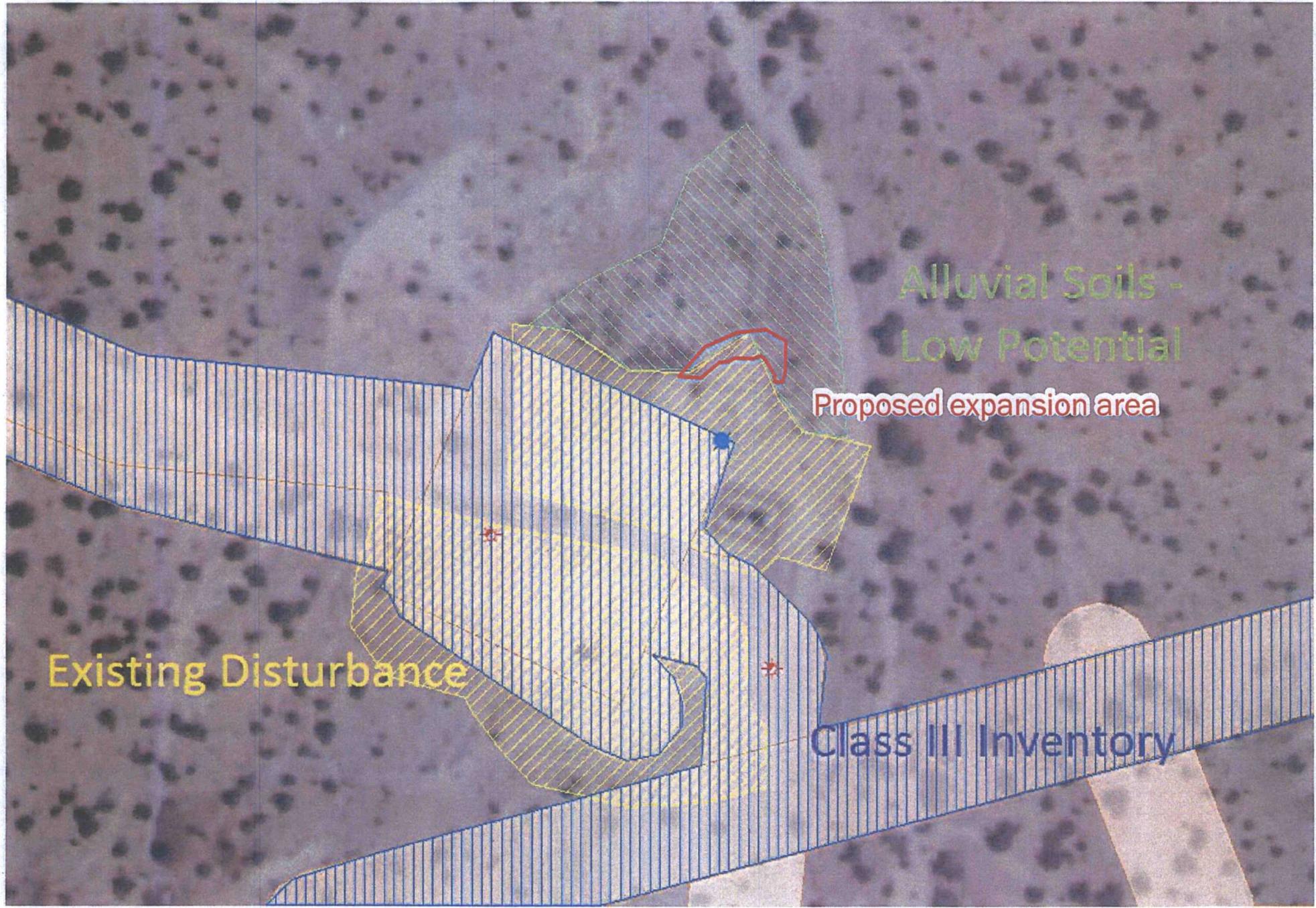
12/13/17
(Date)

Level 2 Biologist

(Signature)

(Date)

Reviewed by

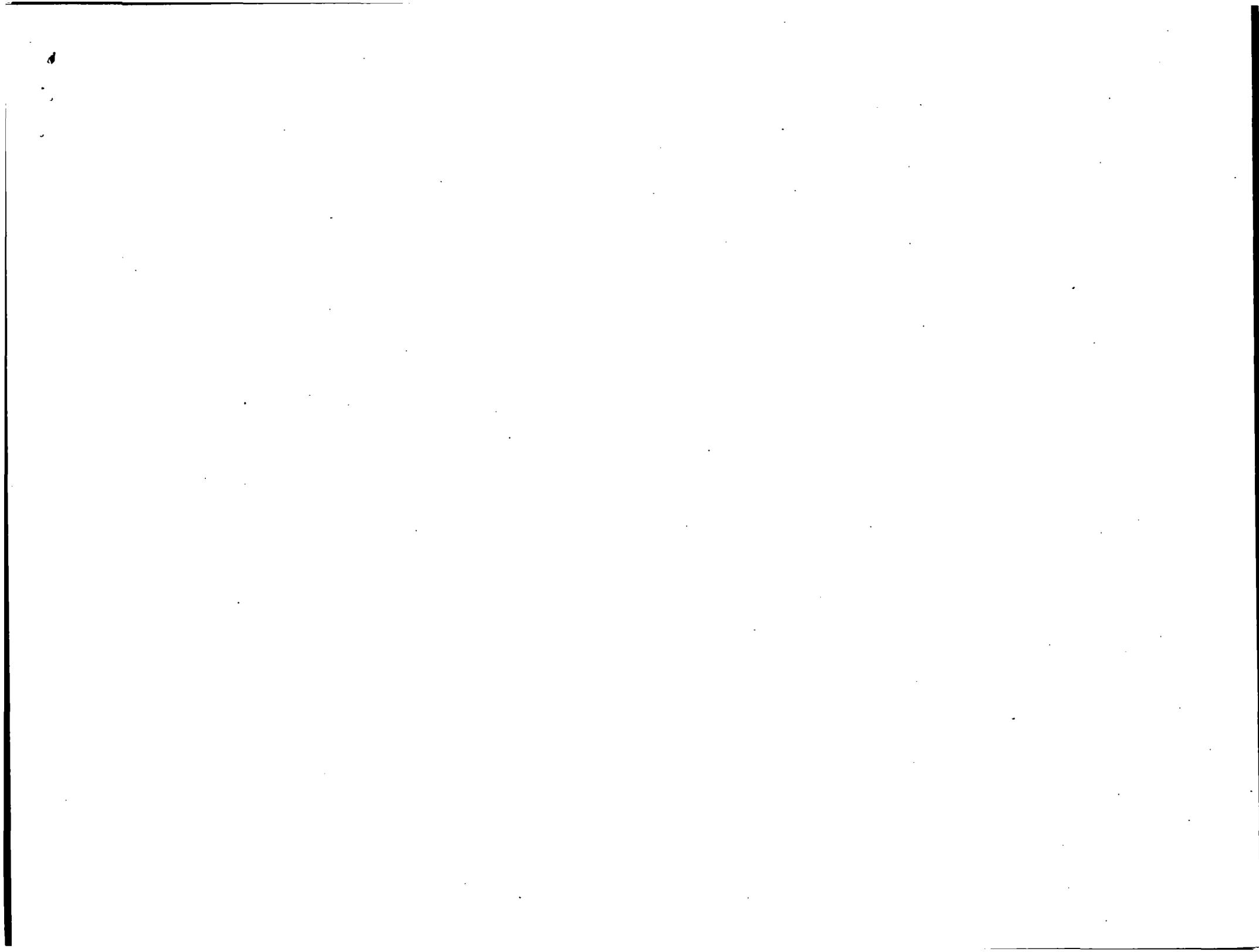


Alluvial Soils -
Low Potential

Proposed expansion area

Existing Disturbance

Class III Inventory



IN-HOUSE ARCHEOLOGICAL SURVEY DETERMINATION
FARMINGTON FIELD OFFICE

NM-210-2018-017

Case No./Name: Lucerne A 1/3004507514 Date Submitted: 03/16/2018
Company: Hilcorp Energy Company
Type of Case: Soil Remediation

IS A CULTURAL RESOURCE INVENTORY REQUIRED?

- Proposal involves non-Federal lands.
- Proposal is within an existing right-of-way.
- Proposal is along an existing road.
- Proposal is within an existing disturbed area.
- The well pad is to be expanded _____ feet to the _____
- Other: Hilcorp is requesting to go off pad to remediate historic contamination by utilizing excavating equipment. Attached is a map of the anticipated disturbance.

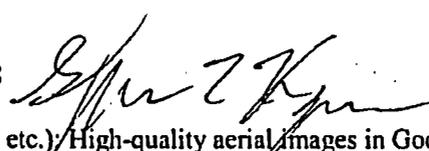
NOTE: Attach map (e.g., USGS map, survey plat, GIS) and other supporting information as needed. If you are proposing to use a previously culturally surveyed area, identify by BLM cultural case number if known.

Submitted by: Abiodun Adeloje (Emmanuel)

CULTURAL RESOURCE SPECIALIST RECOMMENDATIONS

- Inventory for cultural resources is required.
- Inventory for cultural resources is not required for the reason(s) indicated below.
 - Previous natural ground disturbance has modified the surface so extensively that the likelihood of finding cultural properties is negligible (e.g., within a floodplain), or
 - Human activity has created a new land surface to such an extent as to eradicate traces of cultural properties, or
 - Existing Class II or equivalent inventory or environmental data are sufficient to indicate that there is no likelihood of finding a National Register or eligible property, or
 - Inventory at the Class III level of intensity has previously been performed and records adequately documenting the location, methods, and results of the inventory are available in report no. _____, or
 - Natural environmental characteristics are unfavorable to the presence of cultural properties (such as recent landslide or rock falls), or
 - The nature of the proposed action is such that no impact can be expected on significant cultural resources (e.g. land use will not require any surface disturbing action, e.g., aerial spraying, hand application of chemicals, travel on existing roads, etc.), or
 - Other:

Recommended by: Geoff Haymes Date: 3/20/2018
Archaeologist



Cultural Notes (if any, e.g., conditions, stipulations, etc.): High-quality aerial images in Google Earth (and on-the-ground experience in the area) show the the proposed excavation area surface covered by existing disturbance, hardpan clay, and immediately adjacent, shallow alluvial soils with a negligible potential for in situ cultural resources. Class III

inventory and/or monitoring likely required for any further expansion. To reiterate statements from prior in-house review, NM-210-2018-009: Operator should recognize the project's location within Hom Canyon, an ethnographically-identified resource important for traditional-use plant gathering. If further remediation work is needed, this may require special consideration for important plants during soil remediation and reclamation, based on recommendations to developers for other recent projects in the Hom Canyon area. Specific plants important to traditional religion were identified in this area, which potentially require transplanting and/or reseeding during reclamation if removed. Cultural Resources specialists should see BLM Report No. 2015(IV)038F / NMCRIS Activity 133336 for further details.

Operator: Hilcorp Energy Company
Well Name: Lucerne A 1
Legal Description: Sec17, T28N, R11W

Conditions of Approval for Soil Removal Requests Occurring on the Well Pad Surface

1. The Soil Removal activity is approved for any soil removal occurring on the existing pad. If during the excavation, the contamination appears to be moving off pad/beyond approved off pad, the soil removal activities will be required to stop immediately and the operator will notify the BLM/ BLM cultural resources staff of the soil removal location and request protocol for conducting further soil removal outside of the existing pad.
2. Construction, construction maintenance or any other activity outside the approved areas will require additional approval and may require a new cultural survey and clearance.
3. If, in its operations, operator/holder discovers any previously unidentified historic or prehistoric cultural resources, then work in the vicinity of the discovery will be suspended and the discovery promptly reported to BLM Field Manager. The BLM will then specify what action is to be taken. If there is an approved "discovery plan" in place for the project, then the plan will be executed. In the absence of an approved plan, the BLM will evaluate the significance of discovery and consult with the State Historic Preservation Officer in accordance with 36 CFR Section 800.11. Minor recordation, stabilization, or data recovery may be performed by a BLM or permitted cultural resources consultant. If warranted, more extensive treatment by a permitted cultural resources consultant may be required of the operator/holder prior to allowing the project to proceed. Further damage to significant cultural resources will not be allowed until any required treatment is completed. Failure to notify the BLM about a discovery may result in civil or criminal penalties in accordance with the Archeological Resources Protection Act of 1979 (as amended).
4. If monitoring confirms the presence of previously unidentified cultural resources, then work in the vicinity of the discovery will be suspended and the monitor will promptly report the discovery to the BLM Field Manager. The BLM will then specify what action is to be taken. If there is an approved "discovery plan" in place for the project, then the plan will be executed. In the absence of an approved plan, the BLM will evaluate the significance of the discovery and consult with the State Historic Preservation Officer in accordance with 36 CFR Section 800.11. A Bureau of Land Management or permitted cultural resources consultant may perform minor recordation, stabilization, or data recovery. If warranted, more extensive treatment by a permitted cultural resources consultant may be required of the operator/holder prior to allowing the project to proceed. Further damage to significant cultural resources will not be allowed until any required treatment is completed.
5. If, in its operations, operator/holder damages, or is found to have damaged any previously documented or undocumented historic or prehistoric cultural resources, excluding "discoveries" as noted above, the operator/holder agrees at his/her expense to have a permitted cultural resources consultant prepare and have executed a BLM approved data recovery plan. Damage to cultural resources may result in civil or criminal penalties in accordance with the Archeological Resources Protection Act of 1979 (as amended).

6. All employees of the project, including the Project Sponsor and its contractors and sub-contractors will be informed that cultural sites are to be avoided by all personnel, personal vehicles and company equipment. This includes all personnel associated with construction, use, maintenance and abandonment of the well pad, well facilities, access and pipeline. They will also be notified that it is illegal to collect, damage, or disturb cultural resources, and that such activities are punishable by criminal and or administrative penalties under the provisions of the Archaeological Resources Protection Act (16U.S.C. 470aa-mm).