

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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

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.

MAR 26 2013

SUBMIT IN TRIPLICATE - Other instructions on page 2

Farmington Field Office
Bureau of Land Management

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name
2. Name of Operator Logos Operating, LLC		8. Well Name and No. Logos #5
3a. Address 4001 North Butler Avenue, Building 7101 Farmington, NM 87401	3b. Phone No. (include area code) 505-436-2627	9. API Well No. 30-045-35423
4. Location of Well (Frontage, Sec., T., R., M., or Survey Description) 671' FSL, 973' FEL Section 4, T23N, R8W, UL P		10. Field and Pool or Exploratory Area Basin Mancos & Basin Dakota
		11. County or Parish, State Sandoval County, 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"/> 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 Production Facilities
	<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 recomplate 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 recomplate 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.)

LOGOS Operating, LLC proposes to install the following production facilities per the attached schematic.

- 3 - 400 Bbl Production Tanks
- 1 - 100 Bbl Re-circulation Tank
- 1 - 100 Bbl Pit
- 3-Phase Separator

RCVD MAR 28 '13
OIL CONS. DIV.
DIST. 3

LOGOS conducted an on-site with the BLM on 3/26/13 and adjusted the facilities to meet the requests of the BLM inspectors. The attached schematic includes the requested changes. LOGOS is requesting an exemption to the low profile requirements.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Kristy Graham		Title: Production Engineer
Signature:		Date: 03/26/2013

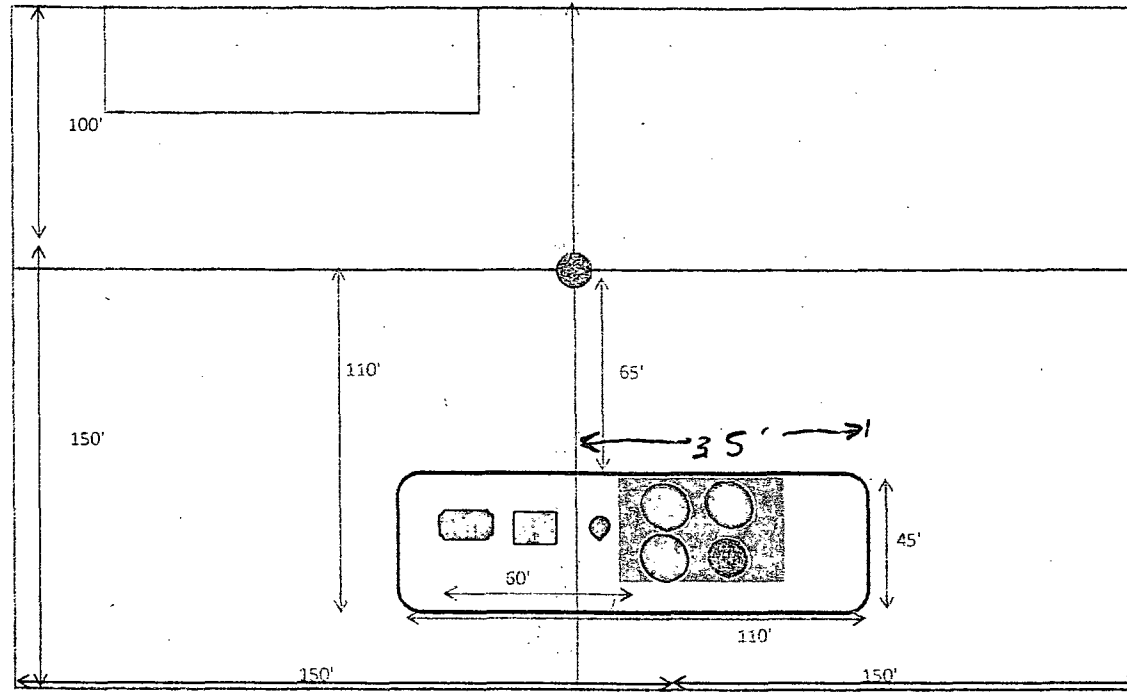
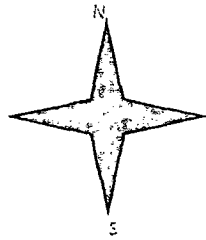
THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by:	Branch Chief Environmental Protection and Realty
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

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.

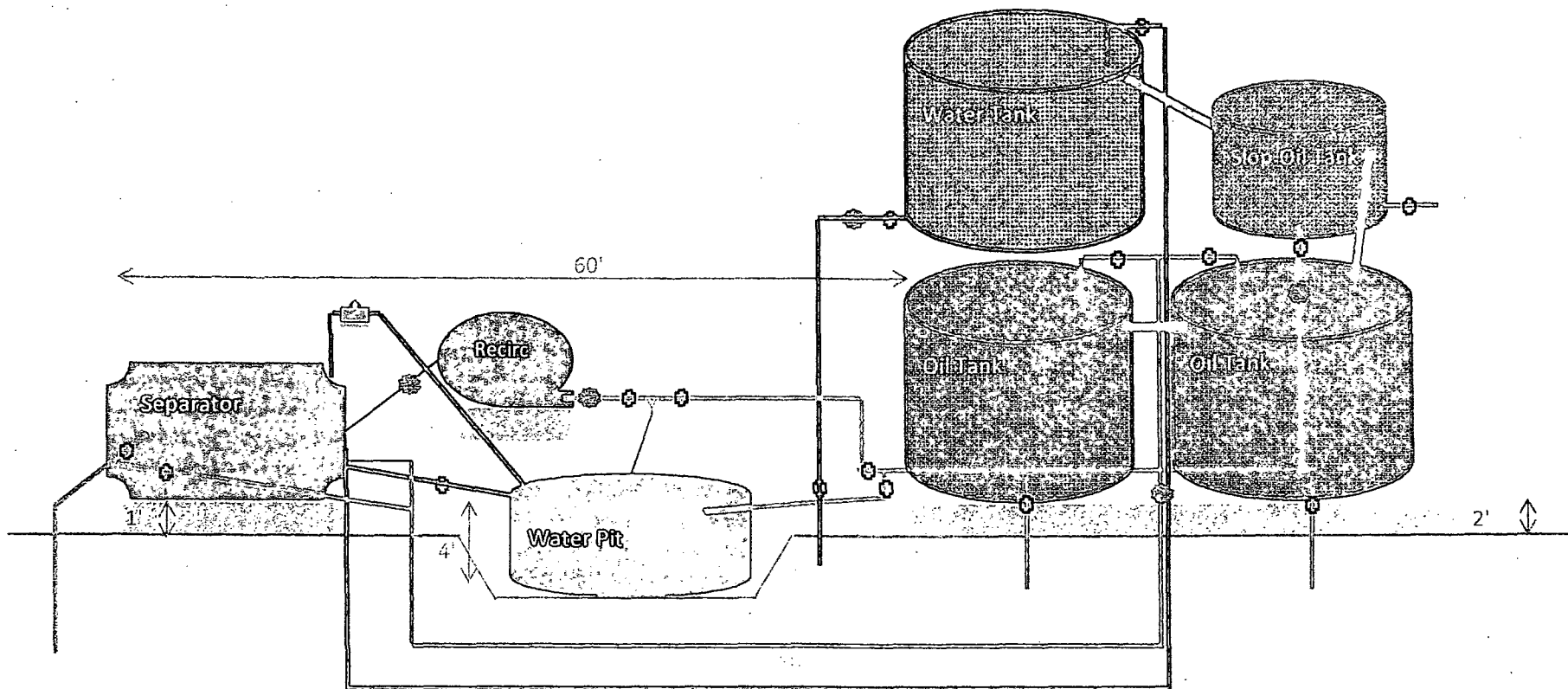
(Instructions on page 2)

NMOCD
Ca



Road Access

Berm Dimensions		Tank Capacity		Tank Dimensions	
Length (ft)	110	Oil	400	12'x20'	
Width (ft)	45	Oil	400	12'x20'	
Height (ft)	2.5	Water	400	12'x20'	
Volume (BBLs)	2204	Pit	120		
Required Volume (BBLs)	1980	Total	1320		



Water Pit Settings

Set 2' below ground level

Separator

Base to be 1' above ground

Run 2" steel line to water pit

2" steel line from casing/tubing T to separator

Oil Tanks

Set at least 2' above ground level with tank rings and plastic liner
Plumb in both oil tanks to run through recirculation pump
Install equalizer line between both oil tanks
Plumb the inlet lines so that the separator can dump to either tank
Install drain line to water pit

Water Tanks

Install equalizing line to allow for skimming and overflow capacity.

Electric Access

Electric lines to be buried with trenched pipelines
Electric power sources to be gas proof and weather proof

Recirc Pump

Set on stand to allow for Y strainer to be drained to pit.
Hard plumb to low pressure inlet side of separator
Install hammer unions on each side of pump to allow for easy replacement.

Recirculation Oil Tank

100 BBL Tank.
Tie into the recirculation line.