submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Sundry Notices and Reports on Wells

1. **Type of Well**
   Oil

2. **Name of Operator**
   Hart Oil and Gas

3. **Address & Phone No. of Operator**
   11846 Village Park Circle, Houston, TX. 77024

Location of Well, Footage, Sec., T, R, M

1980' FNL & 1980' FEL, Section 10, T-31-N, R-17-W,

5. **Lease Number**
   14-20-603-2034
6. **If Indian, All. or Tribe Name**
   Navajo
7. **Unit Agreement Name**
8. **Well Name & Number**
   Navajo #117
9. **API Well No.**
   30-045-10956
10. **Field and Pool**
    Chimney Rock Gallup
11. **County & State**
    San Juan County, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission	Type of Action		
X Notice of Intent	X Abandonment	___ Change of Plans	
	___ Recompletion	___ New Construction	
___ Subsequent Report	___ Plugging Back	___ Non-Routine Fracturing	
	___ Casing Repair	___ Water Shut off	
___ Final Abandonment	___ Altering Casing	___ Conversion to Injection	
BP	___ Other –		

13. Describe Proposed or Completed Operations

Hart Oil and Gas proposes to plug and abandon this well per the following procedure:
Will utilize a closed system for waste fluid.
MOL & RU cementing equipment. Record wellhead pressures. Open BH valve and note flow or blow. Pump water down the casing to establish injection rate and pressure; drop 10 frac balls and note changes. If no flow or blow on the bradenhead, then plug as follows. Plug #1 from 928' to surface with total of 60 sxs Class B cement: 1) mix and pump 10 sxs cement; then 2) drop 10 frac balls; then 3) pump 50 sxs cement; and 4) displace cement to 200' with clean water. SIW and WOC overnight. Tag cement with wireline and then perforate 6 holes (drill pipe) at 100'. Establish circulation to surface out the BH valve. Plug #2 with approximately 35 sxs Class B cement pumped down the 4" casing from 100' to surface, circulate good cement. Cut off the wellhead. Fill casing and annulus as necessary. Set a P&A marker. Record GPS coordinate & photograph P&A marker in place.

14. I hereby certify that the foregoing is true and correct.

Notify NMOCD 24 hrs prior to beginning operations

Signed Marilyn Smelcer *Title* Trustee *Date* 10/20/14
Marilyn Smelcer

(This space for Federal or State Office use)
APPROVED BY _____ Title Petr. Eng Date 10/22/14
CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly 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.

SEE ATTACHED FOR CONDITIONS OF APPROVAL

OPERATOR

SEE ATTACHED FOR CONDITIONS OF APPROVAL

• Conditions of Approval: Proposed P&A

Note:
BLM will not require a CBL nor isolation of the top of the Gallup Formation. This well straddles two separate pools, the Basin Mancos and the Horseshoe Gallup. However, production in this area of the SJB is limited to the Gallup Formation with no record of well completions in the Mancos Formation in the vicinity of this Gallup Pool. As such, both the CBL and the Gallup isolation plug will not be required. Also, the calculated TOC with 70% efficiency is at approximately 490' or 100' above the Geologist's Gallup formation top at 590.

The following are necessary CONDITIONS OF APPROVAL:

1) If cement does not circulate to surface and stay full, tag cement top after adequate WOC and contact BLM Engineer with tag results.

2) Contact BLM Cement Line @ (505) 564-7750 at least 24 hrs prior to conducting cementing operations.

BLM Conditions of Approval

The following surface rehabilitation Conditions of Approval must be complied with as applicable, before this well can be approved for final abandonment (43CFR 3162.3-4). **Surface rehabilitation work shall be completed within one (1) year of the actual plugging date. Notification for completion of this work can be submitted with a Sundry Notice (3160-5).**

1. All fences, production equipment, purchaser's equipment, concrete slab, deadman (anchors), flowlines, risers, debris and trash must be removed from the location.

2. Production pits will be closed according to the Unlined Surface Impoundment Closure Guidelines, as approved in the Environmental Assessment of December 1993. Any oil stained soils may be remediated on-site according to these guidelines or disposed of in an approved disposal facility.

3. The well pad will be shaped to the natural terrain and left as rough as possible. All compacted areas and areas devoid of vegetation shall be ripped to a minimum of 12" before seeding.

4. Access roads will be shaped to conform to the natural terrain and left as rough as possible to detour vehicular travel. Access will be ripped to a minimum of 12" in depth and waterbarred prior to seeding. All erosion problems created by the development must be corrected prior to acceptance of release. Water bars should be spaced as follows:

(%) Slope	Spacing Interval (ft.)
Less than 20	200
2-5	150
6-9	100
10-15	50
Greater than 15	30

All water bars should divert to the downhill side of the road.

5. All disturbed areas will be seeded with the prescribed certified seed mix (reseeding may be required).

6. Notify the Surface Managing Agency (SMA) seven (7) days prior to seeding so that they may be present for that option.

7. The period of liability under the bond of record will not be terminated until the lease is inspected and the surface rehabilitation approved.

Other SMA's may vary slightly in their restoration requirements. It is your responsibility, as the operator, to obtain surface restoration requirements for other SMA's. The BLM will need to be provided with a copy of another SMA requirement. Any problems concerning stipulations received for another SMA should be brought to the BLM Farmington Field Office.

On private land, the BLM should be provided with a letter from the fee owner stating that the surface restoration is satisfactory.

GENERAL REQUIREMENTS FOR PERMANENT ABANDONMENT OF WELLS ON FEDERAL AND INDIAN LEASES FARMINGTON FIELD OFFICE

1.0 The approved plugging plans may contain variances from the following minimum general requirements.

1.1 Modification of the approved plugging procedure is allowed only with the prior approval of the Authorized Officer, Farmington Field Office.

1.2 Requirements may be added to address specific well conditions.

2.0 Materials used must be accurately measured. (densimeter/scales)

3.0 A tank or lined pit must be used for containment of any fluids from the wellbore during plugging operations and all pits are to be fenced with woven wire. These pits will be fenced on three sides and once the rig leaves location, the fourth side will be fenced.

3.1 Pits are not to be used for disposal of any hydrocarbons. If hydrocarbons are present in the pit, the fluids must be removed prior to filling in.

4.0 All cement plugs are to be placed through a work string. Cement may be bull-headed down the casing with prior approval. Cement caps on top of bridge plugs or cement retainers may be placed by dump bailer.

4.1 The cement shall be as specified in the approved plugging plan.

4.2 All cement plugs placed inside casing shall have sufficient volume to fill a minimum of 100' of the casing, or annular void(s) between casings, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug.

4.3 Surface plugs may be no less than 50' in length.

4.4 All cement plugs placed to fill annular void(s) between casing and the formation shall be of sufficient volume to fill a minimum of 100' of the annular space plus 100% excess, calculated using the bit size, or 100' of annular capacity, determined from a caliper log, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug.

4.5 All cement plugs placed to fill an open hole shall be of sufficient volume to fill a minimum of 100' of hole, as calculated from a caliper log, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug. In the absence of a caliper log, an excess of 100% shall be required.

4.6 **A cement bond log or other accepted cement evaluation tool is required to be run if one had not been previously ran or cement did not circulate to surface during the original casing cementing job or subsequent cementing jobs.**

5.0 All cement plugs spotted across, or above, any exposed zone(s), when: the wellbore is not full of fluid or the fluid level will not remain static, and in the case of lost circulation or partial returns during cement placement, shall be tested by tagging with the work string.

5.1 The top of any cement plug verified by tagging must be at or above the depth specified in the approved plan, without regard to any excess.

5.2 Testing will not be required for any cement plug that is mechanically contained by use of a bridge plug and/or cement retainer, if casing integrity has been established.

5.3 Any cement plug which is the only isolating medium, for a fresh water interval or a zone containing a prospectively valuable deposit of minerals, shall be tested by tagging.

5.4 If perforations are required below the surface casing shoe, a 30 minute minimum wait time will be required to determine if gas and/or water flows are present. If flow is present, the well will be shut-in for a minimum of one hour and the pressure recorded. Short or long term venting may be necessary to evacuate trapped gas. If only a water flow occurs with no associated gas, shut well in and record the pressures. Contact the Engineer as it may be necessary to change the cement weight and additives.

6.0 Before setting any cement plugs the hole needs to be rolled. All wells are to be controlled by means of a fluid that is to be of a weight and consistency necessary to stabilize the wellbore. This fluid shall be left in place as filler between all plugs.

6.1 Drilling mud may be used as the wellbore fluid in open hole plugging operations.

6.2 The wellbore fluid used in cased holes shall be of sufficient weight to balance known pore pressures in all exposed formations.

7.0 A blowout preventer and related equipment (BOPE) shall be installed and tested prior to working in a wellbore with any exposed zone(s); (1) that are over pressured. (2) where the pressures are unknown, or (3) known to contain H_2S.

8.0 Within 30 days after plugging work is completed, file a Sundry Notice, Subsequent Report of Abandonment (Form 3160-5), five copies, with the Field Manager, Bureau of Land Management, 6251 College Blvd., Suite A, Farmington, NM 87402. The report should show the manner in which the plugging work was carried out, the extent, by depth(s), of cement plugs placed, and the size and location, by depth(s), of casing left in the well. Show date well was plugged.

9.0 All permanently abandoned wells are to be marked with a permanent monument as specified in 43 CFR 3162.6(d). Unless otherwise approved.

10.0 If this well is located in a Specially Designated Area (SDA), compliance with the appropriate seasonal closure requirements will be necessary.

All of the above are minimum requirements. Failure to comply with the above conditions of approval may result in an assessment for noncompliance and/or a Shut-in Order being issued pursuant to 43 CFR 3163.1. You are further advised that any instructions, orders or decisions issued by the Bureau of Land Management are subject to administrative review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4 and 43 CFR 4.700.