

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

<p>1. Type of Well GAS</p> <p>2. Name of Operator MERIDIAN OIL</p> <p>3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700</p> <p>4. Location of Well, Footage, Sec., T, R, M 1050'FSL, 1090'FEL Sec.11, T-26-N, R-10-W, NMPM</p>	<p>5. Lease Number NM-01365</p> <p>6. If Indian, All. or Tribe Name</p> <p>7. Unit Agreement Name Huerfano Unit</p> <p>8. Well Name & Number Huerfano Unit #253</p> <p>9. API Well No. 30-045-</p> <p>10. Field and Pool Angel Peak Gallup</p> <p>11. County and State San Juan Co, NM</p>
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12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission	Type of Action
<input checked="" type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other -
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Conversion to Injection

13. Describe Proposed or Completed Operations

It is intended to plug & abandon this well per the attached procedure and wellbore diagram.

RECEIVED

APR 8 1993

OIL CON. DIV.
DIST. 3

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

070 FARMINGTON, NM
50 APR 30 PM 3:02
RECEIVED
BLM

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

Signed [Signature] (MP) Title Regulatory Affairs Date 3/25/93

(This space for Federal or State Office use)

APPROVED BY _____ Title _____

CONDITION OF APPROVAL, if any:

APPROVED
AS AMENDED
APR 05 1993
DISTRICT MANAGER

NMOOD

HUERFANO UNIT NP #253 GAL
UNIT P SECTION 11 T26N R10W
San Juan County, New Mexico
P & A Procedure

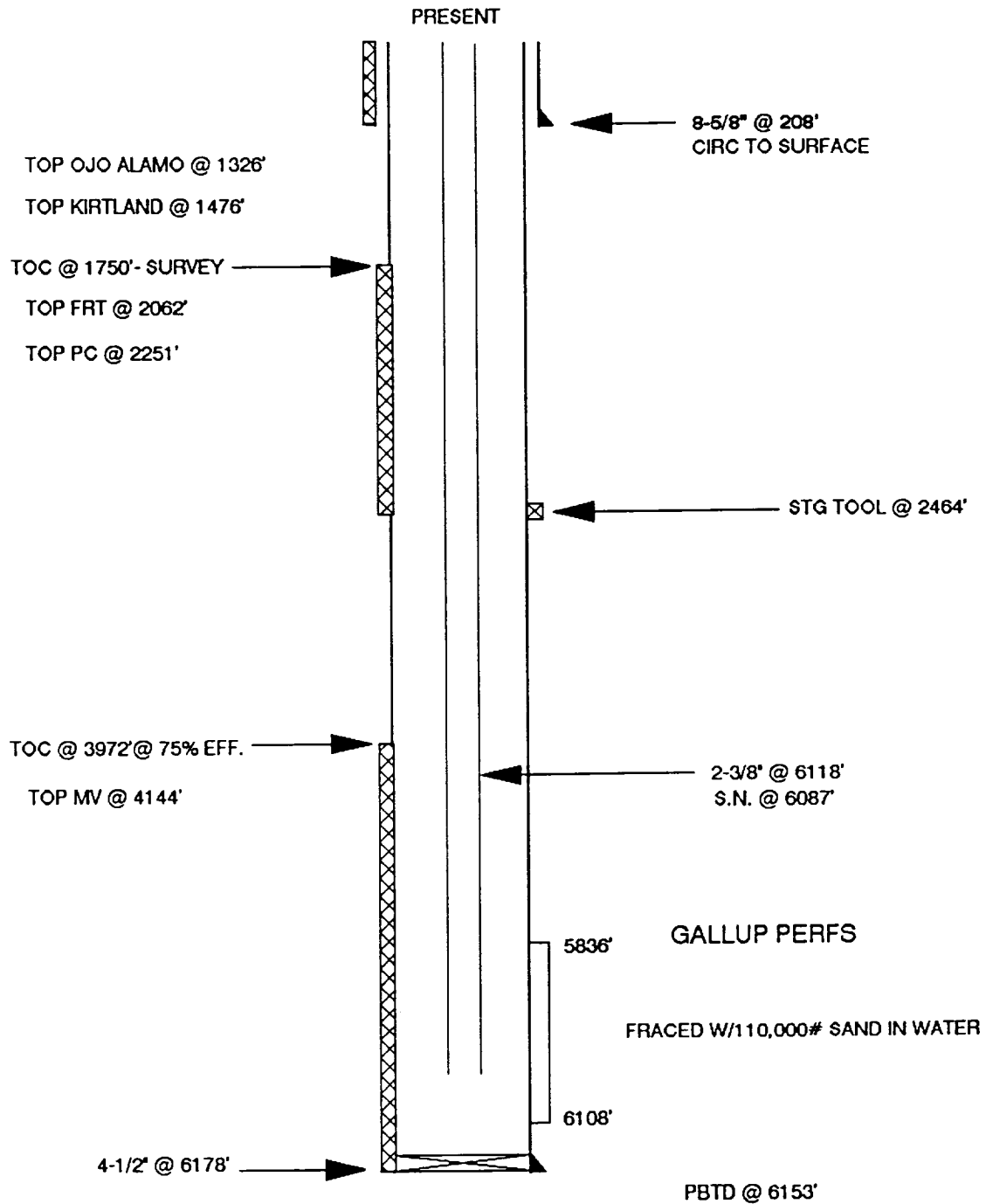
1. Install & test rig anchors. MI blow tank. MOL and RUSU (Bedford). Comply to all NMOCD, BLM, & MOI, rules & regulations. NU 6" BOP and stripping head. Test operation of rams. Install 2-7/8" relief line.
2. TOH w/197 Jts 2-3/8" tbg.
3. Run guage ring on sand line to 5671' (50' above top GAL). TIH w/4-1/2" cmt ret on 2-3/8" tested tbg & set @ 5671'. Sting out of ret & pressure test to 500 psi. Sting back into ret, est rate, & sq w/ 70 sx Cl "B" cmt. This will fill GAL perfs & csg to 50' above top Gallup w/100% excess cmt. PU & dump 5 sx cmt on top ret & reverse out. Circ hole w/ mud: 15# sodium bentonite w/non-fermenting polymer, 8.4# gal weight, & 40 qs vis or greater.
4. PU to 4194' (50' below top MV) & spot 12 sx cmt. This will fill 4-1/2" csg from 4194' to 4094' (50' above top MV) w/50% excess cmt.
5. PU to 2301' (50' below top PC) & spot 33 sx cmt. This will fill 4-1/2" csg from 2301' to 2012' (50' above top FRT) w/50% excess cmt.
6. Perf 2 sq holes @ 1526' (50' below top of Kirtland). TIH w/2-3/8" tbg to 1526'. With pipe rams closed & bradenhead valve open, est rate & pump 100 sx cmt into sq perfs. (This will cover backside of csg from 1526' to 1276' (50' above top of Ojo Alamo w/100% excess cmt). Close bradenhead valve & open pipe rams & spot 28 sx cmt. This will fill inside of csg from 1526' to 1276' w/50% excess cmt.
7. Perf 2 holes @ 258' (50' below surface csg shoe). Est rate & circ cmt down csg & out bradenhead valve (about 70 sx).
8. Cut off wellhead below surface casing flange and install dry hole marker to BLM specs. Release rig.
9. Restore location to BLM specs.

Approve: _____
K. F. Raybon

W. I. Huntington

HUERFANO UNIT NP #253 GAL

UNIT P SECTION 11 T26N R10W
SAN JUAN COUNTY, NEW MEXICO



IN REPLY REFER TO
(019)

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA
1235 LA PLATA HIGHWAY
FARMINGTON, NEW MEXICO 87401

Attachment to Notice of

Re: Permanent Abandonment

Intention to Abandon

Well: 253 Huerfano Unit

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal Leases."
2. Mark Kelly with the Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 597-8907
3. Blowout prevention equipment is required.
4. The following modifications to your plugging program are to be made (when applicable):

- 1) Bring Cement on top at Recremer above Gallup perts up to 5225'
(Gallup top @ 5275')
- 2) Mesquite plug up top 3950'-3850' + 50% excess (Mesquite - 3900')
- 3) Add a plug from 3150'-3050' inside & outside the 4 1/2" casing
(Chacra - 3100')
- 4) Bring Ojo Alamo plug top up to 1234' (Ojo Alamo - 1284')

Office Hours: 7:45 a.m. to 4:30 p.m.

GENERAL REQUIREMENTS FOR
PERMANENT ABANDONMENT OF WELLS ON FEDERAL AND INDIAN LEASES
FARMINGTON RESOURCE AREA

1. Secure prior approval either on a Sundry Notice (Form 3160-5) or verbally from the Fluids Drilling & Production Section at this office before changing the approved plugging program.
2. Plugging equipment used shall have separate mixing and displacement pumps and a calibrated tank to assure proper displacement of plugs. The Operator is responsible for providing all measuring devices needed to assure proper measurement of materials being used.
3. A proper tank or pit will be used to contain all fluids pumped from the well during plugging operations. Unattended pits are to be fenced.
4. All cement plugs are to be placed through tubing (or drillpipe) and shall be a minimum of 100 feet in length with 50% excess inside casing or 100% excess when plug is set in open hole or squeezed into perforations. 15.6#/gal slurry weight is to be used when using class B neat cement or when CaCl_2 is used. Use the recommended slurry weight of other type cements when they are used (Class C, Pozzolan etc.).
5. Any cement plugs placed when well is not full of fluid, or when well may be taking fluid, (i.e. across perfs-unless bridge plug or retainer is used, across bad csg., or fresh water formations) will be tagged (touched) after cement has set to verify proper location.
 - 5a. Testing The first plug below the surface plug shall generally be tested by either tagging the plug with the working pipe string, or pressuring to a minimum pump (surface) pressure of 1000 psig, with no more than a 10 percent drop during a 15-minute period (cased hole only). If the integrity of any other plug is questioned, it must be tested in the same manner. Also, any cement plug which is the only isolating medium for a fresh water interval or a zone containing a valuable mineral deposit should be tested by tagging with the drill string.
6. Mud must be placed between plugs. Plugging mud is to be made up with a minimum of 15 lbs/bbl of sodium bentonite, ~~and a nonfermenting polymer.~~ Minimum consistency of plugging mud must be 9 lbs/gal and with a minimum viscosity of 50 sec/qt. Fresh water is to be utilized for mixing mud.
7. Following the placement of a cement plug, the withdrawal rate for at least the length of the cement plug shall not exceed 30 ft/min, in order to minimize the contamination of the plug.

8. Within 30 days after plugging work is completed, file a Sundry Notice (Subsequent Report of Abandonment, Form 3160-5), in quintuplicate with Area Manager, Bureau of Land Management, 1235 La Plata Highway, Farmington, NM 87401. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. Show date well was plugged.

9. All permanently abandoned wells are to be marked with a regulation marker (4" pipe extending 4' above the ground line) containing the information as specified in 43 CFR 3162.6(d). Unless otherwise approved.

10. After plugging work is completed the surface is to be rehabilitated in accord with instructions from the Fluids Surface Management Section of the Farmington Resource Area Office.

All above are minimum requirements. The period of liability under the bond of record will not be terminated until the lease is inspected and surface work approved.

Please advise this office when the well location is ready for final inspection.

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.