

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

1. Type of Well GAS	5. Lease Number SF-080810 6. If Indian, All. or Tribe Name 7. Unit Agreement Name Huerfano Unit
2. Name of Operator Meridian Oil Inc.	8. Well Name & Number Huerfano Unit #217 9. API Well No.
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	10. Field and Pool Angels Peak Gallup 11. County and State San Juan Co, NM
4. Location of Well, Footage, Sec., T, R, M 1450'FNL, 1450'FEL Sec.29, T-27-N, R-10-W, NMPM	

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

13. Describe Proposed or Completed Operations

It is intended to plug and abandon this well per the attached procedure and wellbore diagrams. Verbal approval was received from Steve Mason @ 9:15 am 7-6-92 for this work.

RECEIVED
JUL - 8 1992
OIL CON. DIV.
DIST. 3

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

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

Signed [Signature] (MP) Title Regulatory Affairs Date 7/6/92

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____

CONDITION OF APPROVAL, if any:

APPROVED

JUL 07 1992

AREA MANAGER

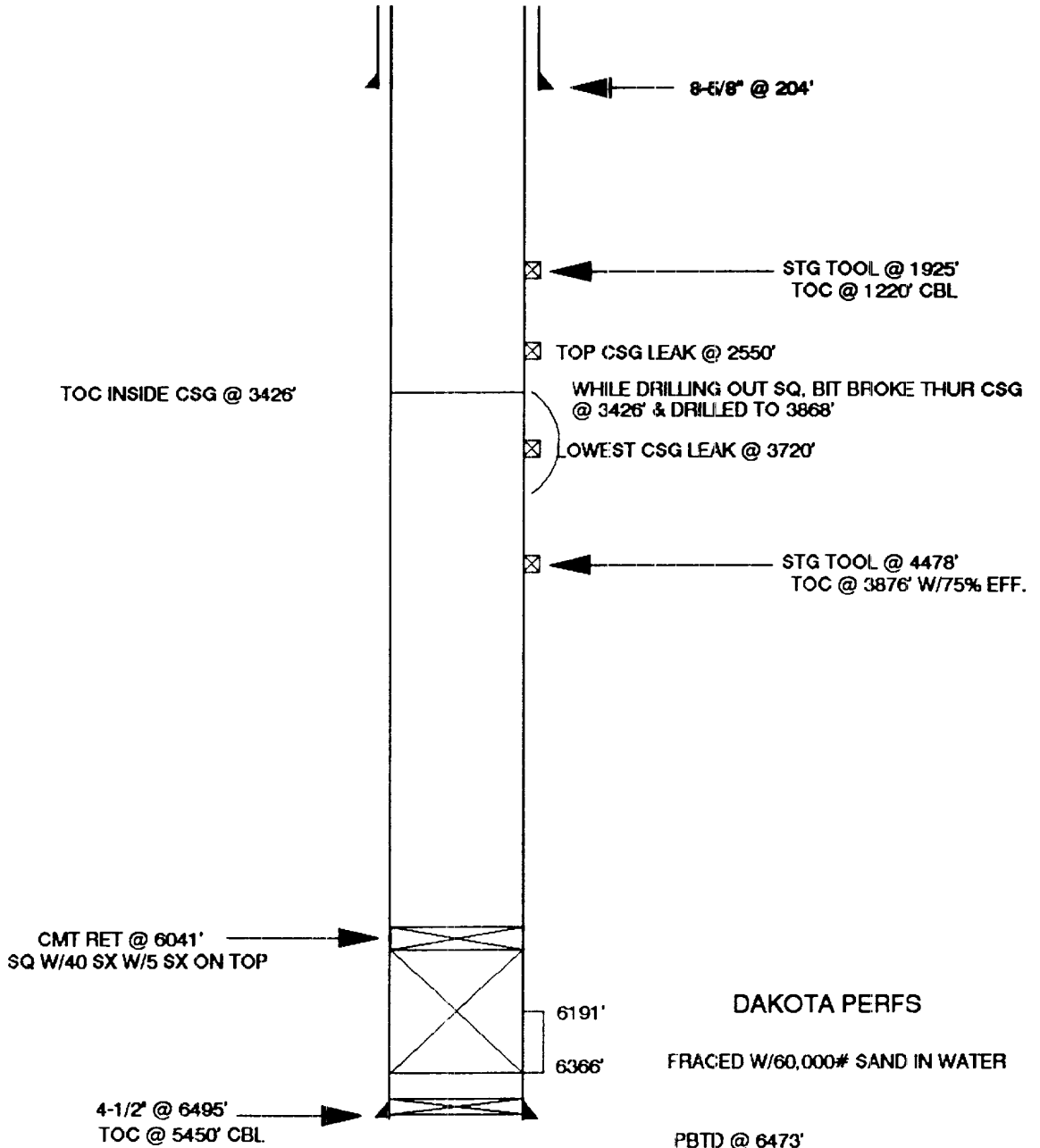
HUERFANO UNIT #217 DK
UNIT G SECTION 29 T27N R10W
San Juan County, New Mexico
Suspend Capital Workover - P & A Procedure
As per Steve Mason @ 9:15 AM 7-6-92

1. TIH w/4-1/2" cmt ret on 2-3/8" tbg & set @ 2350', est rate, & sq w/125 sx cmt. This will fill 4-1/2" csg & 3-7/8" hole (behind pipe) w/10% excess cmt. PU & dump 5 sx cmt on top ret & reverse out. Circ hole w/ mud: 15# sodium bentonite w/non-fermenting polymer, 9# gal weight, & 50 qs vis or greater. TOH.
2. Run 2-3/8" tbg to 1788' (50' below top Pictured Cliffs) & spot 34 sx cmt. This will fill csg from 1788' to 1492' (50' above top Fruitland) w/50% excess cmt.
3. Perf 2 sq holes @ 890' (50' below top of Kirtland). With tbg @ 890', pipe rams closed, & bradenhead valve open, est rate & attempt to circ cmt out bradenhead valve (about 171 sx cmt). If circ w/bradenhead valve is not possible, pump 83 sx cmt (this will fill backside csg from 890' to 675' (50' above top of Ojo Alamo) w/100% excess cmt. Close bradenhead valve, open pipe rams & spot 25 sx (this will fill csg from 890' to 675' w/50% excess cmt. TOH.
4. If cmt has not circ out bradenhead valve, perf 2 sq holes @ 254' (50' below surface csg shoe), est rate, & circ cmt down csg & out bradenhead valve (about 70 sx cmt).
If cmt has circ out bradenhead valve, TIH w/tbg to 254' & circ cmt out 4-1/2" csg (about 19 sx cmt). TOH.
5. Cut off wellhead below surface casing flange and install dry hole marker to BLM specs.
6. Restore location to BLM specs.

Approve: _____
J. A. Howieson

HUERFANO UNIT #217 DK

UNIT G SECTION 29 T27N R10W
SAN JUAN COUNTY, NEW MEXICO



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: 217 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) ~~326-6201~~.
599-8907
3. Blowout prevention equipment is required.
4. The following modifications to your plugging program are to be made (when applicable):

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

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT
WASHINGTON RESOURCE AREA
1002 LA PLATA HIGHWAY
WASHINGTON, NEW MEXICO 87401

Re: Permanent Easement Application

Application No. 100-100000

Enclosed for review

is:

CONDITIONS OF OFFER

1. Any application for a permanent easement must be submitted to the Bureau of Land Management, Washington Resource Area, 1002 La Plata Highway, Washington, New Mexico 87401.
2. The applicant must agree to the following conditions:
a. The applicant must agree to the following conditions:
b. The applicant must agree to the following conditions:
c. The applicant must agree to the following conditions:
d. The applicant must agree to the following conditions:
e. The applicant must agree to the following conditions:
f. The applicant must agree to the following conditions:
g. The applicant must agree to the following conditions:
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r. The applicant must agree to the following conditions:
s. The applicant must agree to the following conditions:
t. The applicant must agree to the following conditions:
u. The applicant must agree to the following conditions:
v. The applicant must agree to the following conditions:
w. The applicant must agree to the following conditions:
x. The applicant must agree to the following conditions:
y. The applicant must agree to the following conditions:
z. The applicant must agree to the following conditions:

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 perms-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.