

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

Do not use this form for proposals to drill or to deepen or reentry to a different service.
Use "APPLICATION FOR PERMIT--" for such proposals.

SUBMIT IN TRIPLICATE

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Merrion Oil & Gas Corporation (14634)

3. Address and Telephone No.

610 Reilly Avenue, Farmington, NM 87401-2634

(505) 327-9801

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

990' fsl & 660' fwl (sw sw)
Section 14, T19N, R3W

5. Lease Designation and Serial No.

NM-058122

6. If Indian, Allottee or Tribe Name

- | | |
|---|--|
| 7. If Unit or CA, Agreement Designation | |
|---|--|

8. Well Name and No.

Federal Medio No. 1

9. API Well No.

30-043-20031

- ### 10. Field and Pool, or Exploratory Area

Undesignated Mesaverde

11. County or Parish, State

**Sandoval County,
New Mexico**

12. CHECK APPROPRIATE BOX (s) 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"/> Abandonment (Temporary)	<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 Notice	<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 checked="" type="checkbox"/> Other <u>Plug & Abandon</u>	<input type="checkbox"/> Dispose Water
		(Note: Report results of multiple completion on Completion or Recompletion Report and Log form.)

13. Describe Proposed or completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Merrion Oil & Gas proposes to plug and abandon the subject wellbore according to the attached procedure.

AFMSS

Adj	ams
Engr	gms
Geol	RWW
Surf	PWW
Appvl	

Approved
SAR 7-103

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

Signed

Title Engineer

Date 6/25/03

Connie S. Dinniss

(This space for Federal or State office use)

Approved By

Title

Ref: 1000 Examine Date: 10/10/2010

Date _____

Conditions of approval, if any:

Afternoon

Title 18 U.S.C. Section 1001, makes 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.

PLUG AND ABANDONMENT PROCEDURE

June 3, 2003

Federal Media #1

(a.k.a.: Media Entrada Unit #7 or Federal Medio #1)

Undesignated Mesaverde

990' FSL & 650' FWL Section 14, T19N, R3W

Sandoval County, New Mexico, API #30-043-20031

Lat: _____ / Long: _____

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement is ASTM Type II, mixed at 15.6ppg with a yield of 1.18 cf/sx.

1. Install and test location rig anchors. Prepare blow pit. Comply with all NMOCD, BLM, and Merriam safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line and blow down well; kill with water as necessary. ND wellhead and NU BOP. Test BOP.
2. Pressure test the tubing to 1000#. POH and LD rods and pump. TOH and tally 53 joints 2-3/8" tubing, total 1763'. If necessary use a workstring. Round trip a 4-1/2" gauge ring or casing scraper to 1685'.
3. **Plug #1 (Menefee perforations, 1685' – 1585')**: Set a 4-1/2" CIBP at 1685'. TIH with open ended tubing and tag CIBP. Load the casing with water and circulate the well clean. Pressure test the casing to 500#. If casing does not test, then spot or tag subsequent plugs as appropriate. Mix 12 sxs cement and spot a balanced plug inside casing above the CIBP to isolate the Menefee perforations. TOH and LD tubing.
4. **Plug #2 (Mesaverde top and surface casing shoe, 420' - Surface)**: Perforate 3 HSC squeeze holes at 420'. Establish circulation out the bradenhead valve with water. Mix and pump approximately 150 sxs cement down the 4-1/2" casing to circulate good cement out bradenhead valve. Shut well in and WOC.
5. ND BOP and cut off casing below surface. Install P&A marker with cement to comply with regulations. RD, move off location, cut off anchors and restore location.

Federal Media #1

(a.k.a: Media Entrada Unit #7 or Federal Medio #1)

Current

Undesignated Mesaverde

990' FSL & 660' FWL, Section 14, T-19-N, R-3-W
Sandoval County, NM / API #30-043-20031

Today's Date: 6/3/03

Spud: 3/26/69

Entrada Comp: 4/16/69

Mesaverde Comp: 10/31/90

Elevation: 6837' GL

12-1/4" hole

Mesaverde @ 370'

2-3/8" Tubing set at 1763'
(53 joints with rods)

CIBP @ 1800'
with 35 sxs cmt (1990)

CIBP @ 1865'
with 10 sxs cmt (1990)

Gallup @ 2792'

Dakota @ 4216'

Morrison @ 4436'

Entrada @ 5249'

7-7/8" hole

TD 5312'

8-5/8" 24# Casing set @ 200'
Cmt with 150 sxs (Circulated to Surface)

Well History:

Aug '90: Plugged the Entrada and completed the Menefee

Feb '94: Pump change out.

Mar '95: Rods parted, pump change out.

Dec '02: Swab well, pump stuff in soft paraffin, change out pump.

Mesaverde Perforations:

1620' - 1950', sqz'd 50 sxs;

1835' - 1735', sqz'd 35 sxs;

1735' - 1745', open.

Attempted a block squeeze, perforate at 1870' and 1550', sqzd 50 sxs under with no circ., then 30 sxs above. DO and PT.

Plug from 2376' to 2021'
with 25 sxs cement (1990)

CR at 2409' (1990)
collapsed casing at 2440'

TOC @ 4006' (Calc, 75%)

P&A of Entrada (1990)

Plugged Entrada perforations and Morrison, Dakota and Gallup tops with: 25 sxs, then 5 B mud, then 50 sxs, then 15 B mud, then 25 sxs under the CR and finally 5 sxs above.

Entrada Perforations:
5252'-5258'

4-1/2" 9.5#, Casing set @ 5310'
Cmt with 300 sxs (396 cf)

(a.k.a: Media Entrada Unit #7 or Federal Medio #1)

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Cmt with 150 sxs (Circulated to Surface)

Plug #2: 420' – Surface
Cmt with 150 sxs

Perforate @ 420'

Plug #1: 1685' – 1585'
Cement with 12 sxs

Mesaverde Perforations:
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Morrison, Dakota and Gallup tops with:
25 sxs, then 5 B mud, then 50 sxs, then
15 B mud, then 25 sxs under the CR
and finally 5 sxs above.

Entrada Perforations:
5252'-5258'

4-1/2" 9.5#, Casing set @ 5310'
Cmt with 300 sxs (396 cf)

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 (see 43 CFR 3162.3-4). Surface rehabilitation work shall be completed within one year of the actual plugging date. Notification for completion of this work should be submitted with a Sundry Notice. Questions? Call Pat Hester at (505) 761-8786.

1. All fences, production equipment, purchaser's equipment, concrete slabs, deadman (anchors), flowlines, risers, debris and trash must be removed from the location. Non-retrieved flowlines and pipelines will be abandoned in accordance with State Rule 714. Information supporting the non-retrieval will be included in the subsequent report or final abandonment Sundry Notice.

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 can be remediated on-site according to these guidelines or disposed of in an approved 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" in depth before reseeding.

4. Access roads will be shaped to conform to the natural terrain and left as rough as possible to deter vehicle travel. Access will be ripped to a minimum of 12" in depth, water barred and reseeded. All erosion problems created by the development must be corrected prior to acceptance of release. Water bars should be spaced as shown below along the fall line of the slope:

% Slope	Spacing Interval
Less than 20%	200'
2 to 5 %	150'
6 to 9 %	100'
10 to 15 %	50'
Greater than 15%	30'

5. All disturbed areas will be seeded with the prescribed certified seed mix (reseeding may be required). Seed mix must be certified weed free to avoid the introduction of noxious weeds. Refer to the original APD for seed mix.

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

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

Other Surface Managing Agencies (SMA's) may vary slightly in their restoration requirements. It is your responsibility, as the operator, to obtain surface restoration requirements from other SMA's. We need to be provided with a copy of these requirements. Any problems concerning stipulations received from other SMA's should be brought to us. On private land, a letter from the fee owner stating that the surface restoration is satisfactory will be provided to the office. Questions? Call Pat Hester at (505) 761-8786.