

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

1. Type of Well GAS 2. Name of Operator MERIDIAN OIL 3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700 4. Location of Well, Footage, Sec., T, R, M 1850'FNL, 890'FEL Sec.34, T-27-N, R-9-W, NMPM	5. Lease Number SF -080117 6. If Indian, All. or Tribe Name 7. Unit Agreement Name Huerfanito Unit 8. Well Name & Number Huerfanito Unit 100 9. API Well No. 10. Field and Pool Basin Dakota <i>MU</i> 11. County and State San Juan Co, NM
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12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

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

13. Describe Proposed or Completed Operations

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

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OIL CON. DIV
DIST. 3

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

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DEC 27 1993
DISTRICT MANAGER

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

Signed [Signature] (MP) Title Regulatory Affairs Date 12/3/93

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____
CONDITION OF APPROVAL, if any:

APPROVED

DEC 27 1993

DISTRICT MANAGER

NMOCD

HUERFANITO UNIT #100 MV
UNIT H SECTION 34 T27N R09W
San Juan County, New Mexico
P & A Procedure

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DIST 2

1. Install & test rig anchors. MI blow tank. MOL and RUSU. Comply to all NMOCD, BLM, & MOI rules & regulations. NU 6" BOP and stripping head. Test operation of rams. Install 2-3/8" relief line. Blow well down.
2. Drop blanking plug valve to seat in plug nipple on bottom of 2-3/8" tbg @ 4636'. Test tbg to 2000#. TOH w/147 Jts 2-3/8" tbg.
3. Run 4-1/2" gauge ring on sand line to 4495' (50' above Point Lookout). TIH w/4-1/2" cmt ret on 2-3/8" tbg & set @ 4495'.
4. Establish rate & sq Mesaverde perms w/ 22 sx cmt. This will fill perms & 4-1/2" csg to 4495' w/100% excess cmt.
5. Sting out of cmt ret & spot 4 sx cmt on top ret. Spot hole w/ 36 bbl mud: 15# sodium bentonite w/non-fermenting polymer, 8.4# gal weight, & 40 qs vis or greater. TOH.
6. With tbg @ 2270' (50' below top of Pictured Cliffs) spot 40 sx cmt. This will fill csg from 2270' to 1930' (50' above top of Fruitland) w/50% excess cmt.
7. Spot hole w/ 7 bbl mud: 15# sodium bentonite w/non-fermenting polymer, 8.4# gal weight, & 40 qs vis or greater.
8. With tbg @ 1550' (50' below top of Kirtland) spot 38 sx cmt. This will fill csg from 1550' to 1222' (50' above top of Ojo Alamo) w/50% excess cmt.
9. Spot hole w/ 16 bbl mud: 15# sodium bentonite w/non-fermenting polymer, 8.4# gal weight, & 40 qs vis or greater. TOH.
10. Perf 2 holes @ 227' (50' below surface csg shoe). Est rate & circ cmt down csg & out bradenhead valve (about 62 sx).
11. Cut off wellhead below surface casing flange and install dry hole marker to BLM specs. Release rig.
12. Restore location to BLM specs.

Approve: _____
K. F. Raybon

W. I. Huntington

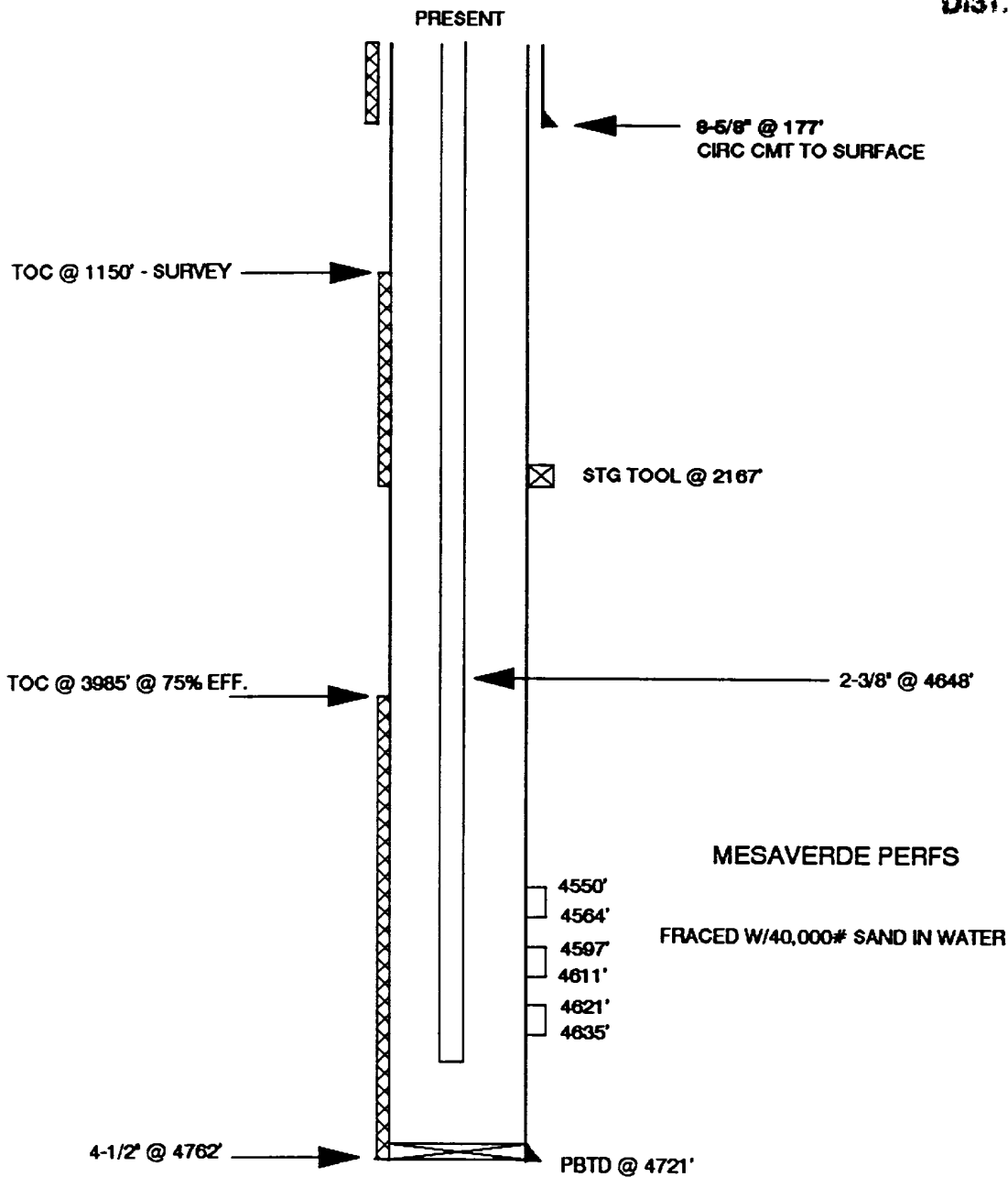
HUERFANITO UNIT #100 MV

UNIT H SECTION 34 T27N R9W
SAN JUAN COUNTY, NEW MEXICO

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Pertinent Data Sheet - HUERPANITO UNIT #100 OIL CON. DIV.
DIST. 3

Location: 1850' FNL 890' FEL SEC. 34 T27N R09W, SAN JUAN COUNTY, N.M.

Field: Basin Dakota

LEASE: Federal SF 080117

Elevation: 6425' TD: 4762'

11' KB PBTD: 4721'

DP#: 30033

GWI: 85.32%

NRI: 79.88%

Completed: 8-29-66

Initial Potential:

AOF=3363 MCF/D, Q=2335 MCF/D, SICP=1047 psi

Casing Record:

Hole Size	Csq. Size	Wt. & Grade	Depth Set	Cement	Top/Cmt
12-1/4"	8-5/8"	24# J-55	177'	110 sx	Circ Cmt
7-7/8"	4-1/2"	10.5# J-55	4762'	200 sx	3985' @ 75% Eff.
		Stage Tool @	2167'	130 sx	1150' - Survey

Tubing Record: 2-3/8" 4.7# J-55 4648' 147 Jts
Plug Nipple @ 4636'

Formation Tops:

Ojo Alamo	1272'
Kirtland	1500'
Fruitland	1980'
Pictured Cliffs	2230'
Cliffhouse	3786'
Point Lookout	4545'
Dakota	6646'

Logging Record: Induction Log, Density Log

Stimulation: Perf MV @ 4550'-64', 4597'-4611', 4621'-35' w/4 spf, 6794'-6802' w/2 spf & fraced w/40,000' sand in water @ 2200 psi @ 59 BPM down 4-1/2".

Workover History: 10-13-89: Swabbed well in.

Production History: First Delivery = 10-1-66. Cumulative=443 MMCF & 5,075 BO.
Capacity = 0 MCF/D. Bradenhead = ? psi. Tbg pressure = ???3 psi. Csg pressure =
???3 psi. Line Pressure = ??? psi.

Pipeline: EPNG

PMP

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
1235 La Plata Highway
Farmington, New Mexico 87401

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DIST. 3

Attachment to Notice of

Re: Permanent Abandonment

Intention to Abandon

Well: 100 Huerfano Unit

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Leases."
2. Mike Flaniken with the Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 599-8907.
3. The following modifications to your plugging program are to be made (when applicable):

- 1.) Perforate @ 3834'; place a cement plug from 3834' to 3734' inside & outside the casing plus 100% excess in the annular space & 50 linear feet inside the casing. (Measure top @ 3784')
- 2.) Perforate @ 3175'; place a cement plug from 3175' to 3075' inside & outside the casing plus 100% excess in the annular space & 50 linear feet inside the casing. (Chacra Top @ 3125')

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