

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM

Sundry Notices and Reports on Wells

93 AUG -6 AM 10:12

070 FARMINGTON, NM

1. Type of Well
GAS

5. Lease Number
SF-078135
If Indian, All. or
Tribe Name

2. Name of Operator
MERIDIAN OIL

7. Unit Agreement Name

3. Address & Phone No. of Operator
PO Box 4289, Farmington, NM 87499 (505) 326-9700

Huerfanito Unit
8. Well Name & Number
Huerfanito U #99

4. Location of Well, Footage, Sec., T, R, M
1650' FSL, 990' FWL Sec. 35, T-27-N, R-9-W, NMPM

9. API Well No.
30-045-
10. Field and Pool
Blanco MV/Basin Dk
11. County and State
San Juan Co, NM

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

Type of Submission

Type of Action

☒ Notice of Intent

☒ Abandonment

☐ Change of Plans

☐ Subsequent Report

☐ Recompletion

☐ New Construction

☐ Final Abandonment

☐ Plugging Back

☐ Non-Routine Fracturing

☐ Casing Repair

☐ Water Shut off

☐ Altering Casing

☐ Conversion to Injection

☐ Other -

13. Describe Proposed or Completed Operations

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

RECEIVED
AUG 23 1993
OIL CON. DIV.
DIST. 3

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

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

Signed Ray Bradfield (MP) Title Regulatory Affairs Date 8/5/93

(This space for Federal or State Office use)

APPROVED BY _____ Title _____

CONDITION OF APPROVAL, if any:

APPROVED

AUG 16 1993

DISTRICT MANAGER

NMOCD

HUERFANITO UNIT #99 MV/DK
UNIT L SECTION 35 T27N R09W
San Juan County, New Mexico
P & A Procedure

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. TOH w/141 Jts 1-1/4" tbg & lay down. Drop blanking plug valve to seat in S.N. at bottom of 2-3/8" tbg @ 6759'. Test tbg to 2000#. TOH w/214 Jts 2-3/8" tbg (Model "F" seal assembly @ 4616'). Run C-J milling tool on 2-3/8" tbg. Mill on Model "F" pkr @ 4616' & retrieve.
3. Run gauge ring on sand line to 6530'. TIH w/5-1/2" cmt ret on 2-3/8" tbg & set @ 6530' (50' above top DK perf).
4. Establish rate & sq Dakota perfs w/ 60 sx cmt. This will fill perfs & 5-1/2" csg to 6530' w/100% excess cmt.
5. Sting out of cmt ret & spot 4 sx cmt on top ret. Spot hole w/ 20 bbl mud: 15# sodium bentonite w/non-fermenting polymer, 8.4# gal weight, & 40 qs vis or greater. TOH.
6. Perf 2 sq holes @ 5686' (50' below top Gallup). Run 5-1/2" cmt ret on 2-3/8" tbg, set @ 5670'. Est rate into sq holes & sq w/30 sx Cl "B" cmt. This will fill behind csg from 5686' to 5586' (50' above top Gallup) w/100% excess cmt. Sting out of ret & spot 17 sx cmt. This will fill inside csg from 5686' to 5586' w/50% excess cmt.
7. Spot hole w/ 24 bbl mud: 15# sodium bentonite w/non-fermenting polymer, 8.4# gal weight, & 40 qs vis or greater. TOH.
8. TIH w/5-1/2" cmt ret on 2-3/8" tbg & set @ 4453' (50' above top Mesaverde perf). Sting out of ret & pressure test csg to 500 psi. Sting back into ret & pump 30 sx cmt. This will fill csg from 4587' (bottom MV perf) to 4453' w/100% excess cmt.
9. Spot hole w/ 18 bbl mud: 15# sodium bentonite w/non-fermenting polymer, 8.4# gal weight, & 40 qs vis or greater.
10. Perf 2 sq holes @ 3790' (50' below top Mesaverde). Run 5-1/2" cmt ret on 2-3/8" tbg, set @ 3780'. Est rate into sq holes & sq w/30 sx Cl "B" cmt. This will fill behind csg from 3790' to 3690' (50' above top Mesaverde) w/100% excess cmt. Sting out of ret & spot 17 sx cmt. This will fill inside csg from 3790' to 3690' w/50% excess cmt.
11. Spot hole w/ 37 bbl mud: 15# sodium bentonite w/non-fermenting polymer, 8.4# gal weight, & 40 qs vis or greater.
12. With tbg @ 2237' (50' below top of Pictured Cliffs) spot 50 sx cmt. This will fill csg from 2237' to 1953' (50' above top of Fruitland) w/50% excess cmt.

HUERFANO UNIT #99 MV/DK - P & A

13. Spot hole w/ 10 bbl mud: 15# sodium bentonite w/non-fermenting polymer, 8.4# gal weight, & 40 qs vis or greater.
14. Perf 2 sq holes @ 1527' (50' below top Kirtland). Run 5-1/2" cmt ret on 2-3/8" tbg, set @ 1510', & est rate into sq holes & w/bradenhead valve open. Pressure test backside to 500 psi. Est rate into sq holes & sq w/60 sx Cl "B" cmt. This will fill behind csg from 1527' to 1333' (50' above top Ojo Alamo) w/100% excess cmt. Sting out of ret & spot 33 sx cmt. This will fill inside csg from 1527' to 1333' w/50% excess cmt. TOH.
15. Spot hole w/ 23 bbl mud: 15# sodium bentonite w/non-fermenting polymer, 8.4# gal weight, & 40 qs vis or greater. TOH.
16. Perf 2 holes @ 356' (50' below surface csg shoe). Est rate & circ cmt down csg & out bradenhead valve (about 53 sx).
17. Cut off wellhead below surface casing flange and install dry hole marker to BLM specs. Release rig.
18. Restore location to BLM specs.

Approve: _____

K. F. Raybon

W. I. Huntington

Pertinent Data Sheet - HUERFANITO UNIT #99 MV/DK

Location: 1650' FSL 990' FWL SEC. 35 T27N R09W, SAN JUAN COUNTY, N.M.

Field: Blanco Mesaverde
Basin Dakota

Elevation: 6389' TD: 6890'
13' KB PBTD: 6852'

DP#: DK=30061 MV=30032

GWI: 87.85% 95.14%

NRI: 73.20% 77.48%

Completed: 11-11-66

Initial Potential:

MV: AOF=11,453 MCF/D, Q=7352 MCF/D, SICP=1097 psi

DK: AOF=3646 MCF/D, Q=3383 MCF/D, SIP=1962 psi

Casing Record:

Hole Size	Csq. Size	Wt. & Grade	Depth Set	Cement	Top/Cmt
13-3/4"	9-5/8"	32.3# H-40	306'	180 sx	Circ Cmt
7-7/8"	7"	23# J-55	266'	- Swaged to 5-1/2"	
7-7/8"	5-1/2"	15.5# X-55	6890'	190 sx	5920' @ 75% Eff.
		Stage Tool @	4672'	120 sx	4059' @ 75% Eff.
		Stage Tool @	2348'	90 sx	1700' Survey

Tubing Record: 2-3/8" 4.7# J-55 6759' 214 Jts - S.N. on bottom
Baker "F" pkr @ 4616'
1-1/4" 2.3# J-55 4564' 141 Jts - S.N. on bottom

Formation Tops:

Ojo Alamo	1383'
Kirtland	1477'
Fruitland	2003'
Pictured Cliffs	2187'
Mesaverde	3740'
Point Lookout	4398'
Gallup	5636'
Dakota	6640'

Logging Record: Induction Log, Density Log

Stimulation: Perf DK @ 6580'-84', 6640'-56', 6717'-23', 6768'-84' w/16 spz & fraced w/48,000# sand in water. Perf MV @ 4503'-12', 4550'-59', 4569'-87' w/18 spz & fraced w/40,000# sand in water.

Workover History: None

Production History: First Delivery = 1-1-67. DK Cumulative= 431 MMCF & 1,503 BO. MV Cumulative = 1,703 MMCF & 11,129 BO. DK & MV Capacity = 0 MCF/D. Bradenhead = 0 psi. MV Tbg & Csg pressure = 0 psi. DK tbg pressure = 48 psi. Line Pressure = 259 psi.

Pipeline: EPNG

PMP

HUERFANITO UNIT #99 MV/DK

UNIT L SECTION 35 T27N R9W
SAN JUAN COUNTY, NEW MEXICO

PRESENT

7" SWEDGED TO 5-1/2" @ 266'

CSG LEAK @ ???

9-5/8" @ 306'
CIRC CMT TO SURFACE

STG TOOL @ 2348'
TOC @ 1700' - SURVEY

1-1/4" @ 4564'

MESAVERDE PERFS

FRACED W/40,000# SAND IN WATER

4503'

4587'

MODEL 'F' PKR @ 4616'

STG TOOL @ 4672'
TOC @ 4059' @ 75% EFF

2-3/8" @ 6759'

MODEL 'F' PKR @ 4616'

DAKOTA PERFS

FRACED W/48,000# SAND IN WATER

6580'

6784'

5-1/2" @ 6890'
TOC @ 5920' @ 75% EFF

PBTD @ 6852'

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: 99 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) 599-8907

3. Blowout prevention equipment is required.

4. The following modifications to your plugging program are to be made (when applicable):

- 1.) Extend Oso Alamo plug from 1527' to 1252'
(Oso Alamo Top 1302', btm 1477')