

submitted in lieu of Form 3160-5

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
800'FSL, 1800'FEL Sec.19, T-26-N, R-9-W, NMPM

5. Lease Number
NM-03493

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

Huerfano Unit
8. Well Name & Number
Huerfano U #163
9. API Well No.

10. Field and Pool
Basin Dakota

11. County and State
San Juan Co, NM

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

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment

Type of Action

☒ Abandonment

☐ Recompletion

☐ 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.

RECEIVED

AUG 17 1993

OIL CON. DIV.
DIST. 3

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

070 FARMINGTON, NM

93 JUL 27 PM 3:22

RECEIVED
BLM

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

Signed [Signature] (MP) Title Regulatory Affairs Date 7/26/93

(This space for Federal or State Office use)

APPROVED BY _____ Title _____

CONDITION OF APPROVAL, if any:

APPROVED

AUG 12 1993

DISTRICT MANAGER

NMOCD

HUERFANO UNIT #163 DK
UNIT 0 SECTION 19 T26N 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. Drop 2-3/8" standing valve to seat in SN @ 6434'. Test tbg to 2000#. TOH w/204 jts 2-3/8" tbg.
3. Run 4-1/2" guage ring on sand line to 6416' (50' above top DK perf). TIH w/4-1/2" cmt ret on 2-3/8" tbg & set @ 6416'. Sting out of ret & pressure test 4-1/2" csg to 300 psi. Sting back into ret.
4. Establish rate & sq Dakota perfs w/ 25 sx cmt. This will fill perfs & 4-1/2" csg to 6416' w/100% excess cmt.
5. Sting out of cmt ret & spot 4 sx cmt on top ret. Pressure test csg to 300 psi. Circ hole w/ mud: 15# sodium bentonite w/non-fermenting polymer, 8.4# gal weight, & 40 qs vis or greater.
6. Perf 2 sq holes @ 5523' (50' below top Gallup). Run 4-1/2" cmt ret on 2-3/8" tbg & set @ 5515'. Sting out of ret & pressure test to 300 psi. Sting back into ret, est rate, & sq w/45 sx Cl "B" cmt. This will fill behind csg from 5523' to 5423' (50' above top Gallup) w/100% excess cmt. Sting out of ret & spot 11 sx cmt. This will fill csg from 5523' to 5423' w/50% excess cmt.
7. With tbg @ 3993' (50' below top of Mesaverde) spot 12 sx cmt. This will fill csg from 3993' to 3893' (50' above top of Mesaverde) w/50% excess cmt.
8. With tbg @ 2055' (50' below top of Pictured Cliffs) spot 35 sx cmt. This will fill csg from 2055' to 1756' (50' above top of Fruitland) w/50% excess cmt.
9. Perf 2 sq holes @ 1303' (50' below top Kirtland). Run 4-1/2" cmt ret on 2-3/8" tbg & set @ 1290'. Sting out of ret & pressure test to 300 psi. Sting back into ret, open bradenhead valve, est rate, & sq w/100 sx Cl "B" cmt. This will fill behind csg from 1303' to 1055' (50' above top Ojo Alamo) w/100% excess cmt. If circ is obtained w/bradenhead valve, circ cmt out bradenhead valve (about 260 sx cmt). Sting out of ret & spot 11 sx cmt. This will fill csg from 1303' to 1055' w/50% excess cmt.
10. A. If cmt has not circ out bradenhead valve, TOH. Perf 2 holes @ 257' (50' below surface csg shoe). Est rate & circ cmt down csg & out bradenhead valve (about 70 sx).
B. If cmt has circ out bradenhead valve, TIH w/2-3/8" tbg to 257' & circ cmt out csg (about 20 sx). TOH.

HUERFANO UNIT #163 DK - P & A

11. Cut off wellhead below surface casing flange and install dry hole marker to BLM specs. Release rig.
12. Restore location to BLM specs.

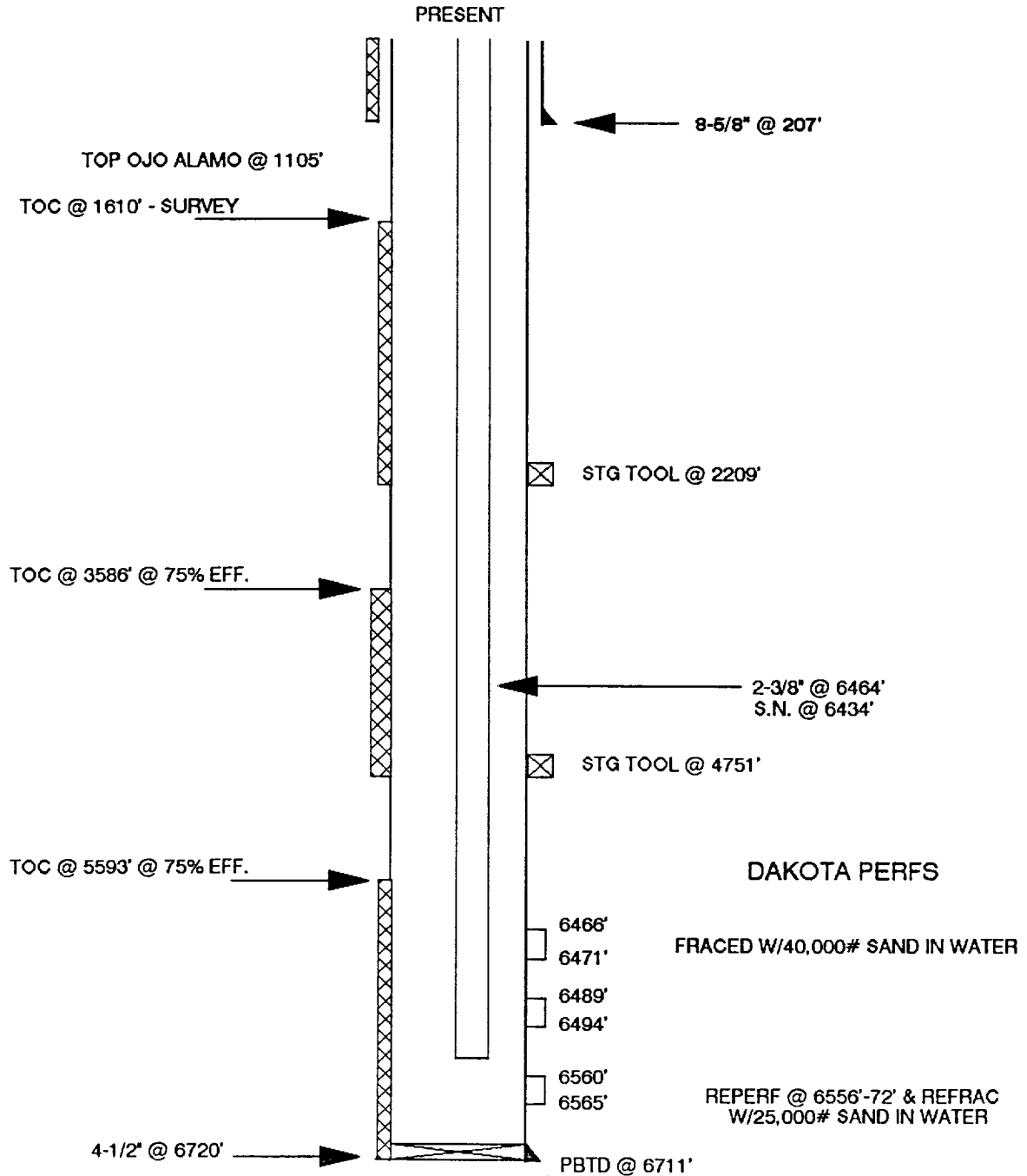
Approve: _____
K. F. Raybon

W. I. Huntington

PMP

HUERFANO UNIT #163 DK

UNIT O SECTION 19 T26N R9W
SAN JUAN COUNTY, NEW MEXICO



Pertinent Data Sheet - HUERFANO UNIT #163 DK

Location: 800' FSL 1800' FEL SEC. 19 T26N R09W, SAN JUAN COUNTY, N.M.

Field: Basin Dakota

Elevation: 6476' TD: 6720'

13' KB PBTD: 6711'

DP#: 51646A

GWI: 50.00%

NRI: 33.50%

Completed: 6-8-67

Workover: 7-1-69

Initial Potential:

Initial: AOF=1765 MCF/D, Q=1666 MCF/D, SICP=1909 psi

W/O: AOF=837 MCF/D, SICP=1143 psi

Casing Record:

Hole Size	Csg. Size	Wt. & Grade	Depth Set	Cement	Top/Cmt
12-1/4"	8-5/8"	24# J-55	207'	170 sx	Circ Cmt
7-7/8"	4-1/2"	10.5# J-55	6720'	290 sx	5593' @ 75% Eff.
		Stage Tool @	4751'	300 sx	3586' @ 75% Eff.
		Stage Tool @	2209'	170 sx	1610' Survey

Tubing Record: 2-3/8" 4.7# J-55 6464' 204 Jts
S.N. @ 6434'

Formation Tops:

Ojo Alamo	1105'
Kirtland	1253'
Fruitland	1816'
Pictured Cliffs	2005'
Mesaverde	3943'
Point Lookout	4421'
Gallup	5473'
Graneros	6426'
Dakota	6550'

Logging Record: Induction Log, Density Log, Prod. Log

Stimulation: Perf DK @ 6466'-71', 6489'-94', 6560'-65', w/20 spz & fraced w/40,000# sand in water.

Workover History: 6-11-69: Perf DK @ 6556'-72'. Set select liner 6456'-96' to cover perfs 6466'-71', 6489'-94'. Frac perfs 6556'-72' w/25,000# sand in water. Recovered select liner.

Production History: First Delivery = 6-1-67. Cumulative= 514 MMCF & 7,615 BO. Capacity = 15 MCF/D. Bradenhead = 44 psi & flows steady gas. Tbg pressure = 203 psi. Csg pressure = 610 psi. Line Pressure = 220 psi.

Pipeline: EPNG

PMP

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: 163 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):