

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
850' FSL, 1550' FEL Sec. 35, T-26-N, R-10-W, NMPM

5. Lease Number
SF-078002-A

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number
Huerfano Unit
Huerfano U #145

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

Type of Action

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment

☒ 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
SEP 1 0 1993
OIL CON. DIV.
DIST. 3

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

RECEIVED
BLM
93 SEP -2 PM 3:42
OTD FARMINGTON, NM

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

Signed [Signature] (MP) Title Regulatory Affairs Date 9/1/93

(This space for Federal or State Office use)

APPROVED BY _____ Title _____

CONDITION OF APPROVAL, if any:

APPROVED

Date
SEP 08 1993

DISTRICT MANAGER

NMOCD

HUERFANO UNIT #145 DK
UNIT O SECTION 35 T26N R10W
San Juan County, New Mexico
P & A Procedure

1. Install & test rig anchors. MI blow tank. MOL and RUSU. Comply to all NMOCB, 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 S.N. at 6679'. Test tbg to 2000#. TOH w/212 Jts 2-3/8" tbg.
3. Run gauge ring on sand line to 6602' (50' above top Dakota). TIH w/4-1/2" cmt ret on tested 2-3/8" tbg & set @ 6602'.
4. Establish rate & sq Dakota perfs w/ 15 sx cmt. This will fill perfs & 4-1/2" csg to 6602' w/100% excess cmt.
5. Sting out of cmt ret & spot 4 sx cmt on top ret. Spot hole w/ 15 bbl mud: 15# sodium bentonite w/non-fermenting polymer, 8.4# gal weight, & 40 qs vis or greater.
6. With tbg @ 5695' (50' below top of Gallup) spot 12 sx cmt. This will fill csg from 5695' to 5595' (50' above top of Gallup) w/50% excess cmt.
7. Spot hole w/ 32 bbl mud: 15# sodium bentonite w/non-fermenting polymer, 8.4# gal weight, & 40 qs vis or greater. TOH.
8. Perf 2 sq holes @ 3600' (50' below top Mesaverde). Run 4-1/2" cmt ret on 2-3/8" tbg, set @ 3590'. Est rate into sq holes & sq w/40 sx Cl "B" cmt. This will fill behind csg from 3600' to 3500' (50' above top Mesaverde) w/100% excess cmt. Sting out of ret & spot 12 sx cmt. This will fill inside csg from 3600' to 3500' w/50% excess cmt.
9. Spot hole w/ 21 bbl mud: 15# sodium bentonite w/non-fermenting polymer, 8.4# gal weight, & 40 qs vis or greater.
10. With tbg @ 2199' (50' below top Pictured Cliffs), spot 41 sx cmt. This will fill csg from 2199' to 1840' (50' above top Fruitland) w/50% excess cmt.
11. Spot hole w/ 8 bbl mud: 15# sodium bentonite w/non-fermenting polymer, 8.4# gal weight, & 40 qs vis or greater.
12. With tbg @ 1371' (50' below top of Kirtland) spot 32 sx cmt. This will fill csg from 1371' to 1102' (50' above top of Fruitland) w/50% excess cmt.
13. Spot hole w/ 12 bbl mud: 15# sodium bentonite w/non-fermenting polymer, 8.4# gal weight, & 40 qs vis or greater. TOH.
14. Perf 2 holes @ 372' (50' below surface csg shoe). Est rate & circ cmt down csg & out bradenhead valve (about 100 sx).

HUERFANO UNIT #145 DK - P & A

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

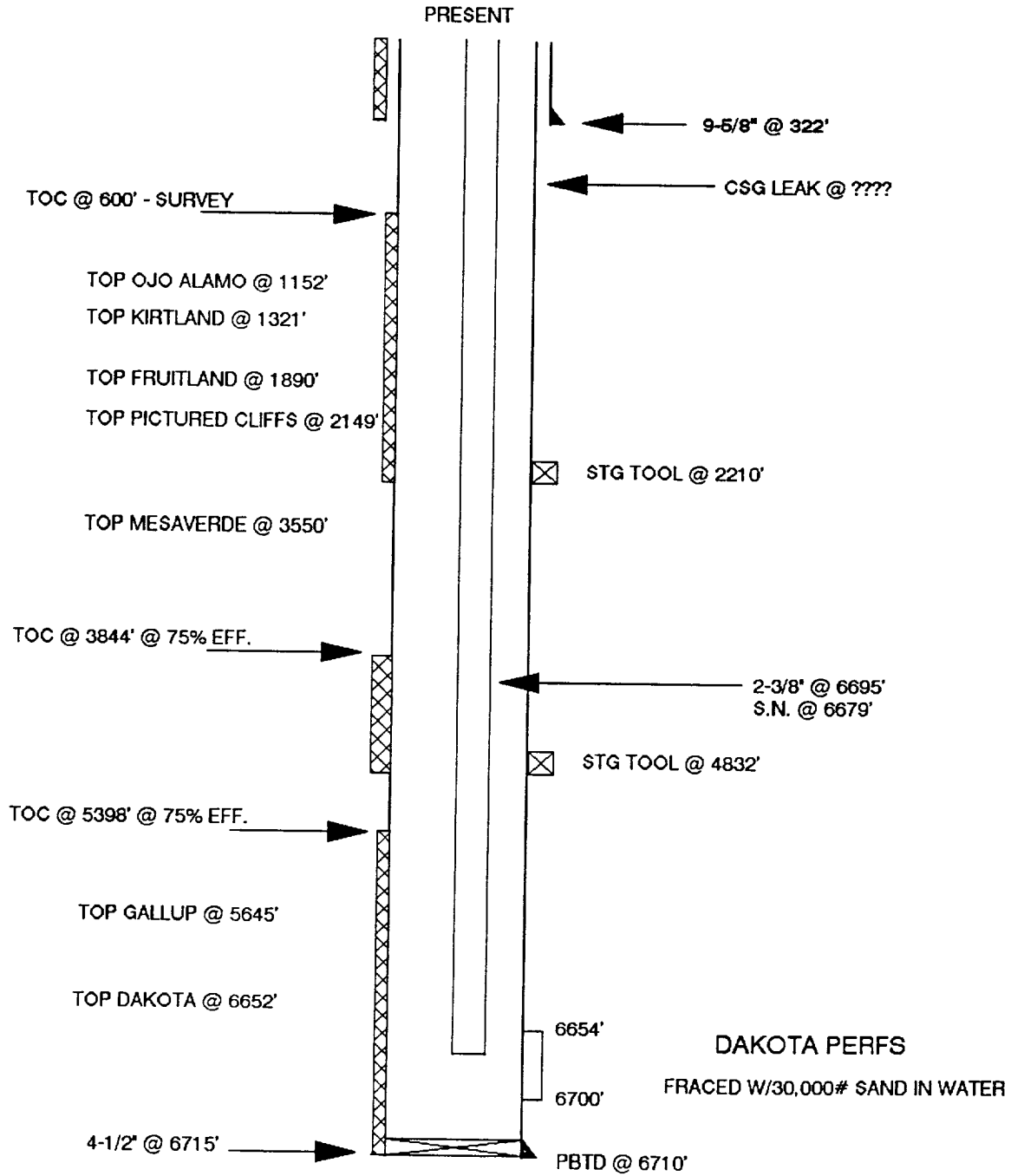
Approve: _____
K. F. Raybon

W. I. Huntington

PMP

HUERFANO UNIT #145 DK

UNIT O SECTION 35 T26N R10W
SAN JUAN COUNTY, NEW MEXICO



Pertinent Data Sheet - HUERFANO UNIT #145 DK

Location: 850' FSL 1550' FEL SEC. 35 T26N R10W, SAN JUAN COUNTY, N.M.

Field: Basin Dakota

Elevation: 6715' TD: 6715'
11' KB PBTD: 6710'

LEASE: Federal SF 078002-A

DP#: 51553A

GWI: 61.75%

NRI: 46.31%

Completed: 1-18-66

Initial Potential:

AOF=4384 MCF/D, Q=3727 MCF/D, SICP= 812 psi

Casing Record:

Hole Size	Csg. Size	Wt. & Grade	Depth Set	Cement	Top/Cmt
13-3/4"	9-5/8"	32.2# H-40	322'	300 sx	Circ Cmt
7-7/8"	4-1/2"	10.5# K-55	6715'	400 cf	5398' @ 75% Eff.
		Stage Tool @	4832'	300 sx	3844' @ 75% Eff.
		Stage Tool @	2210'	400 sx	600' Survey

Tubing Record: 2-3/8" 4.7# J-55 6695' 212 Jts
S.N. @ 6679'

Formation Tops:

Ojo Alamo	1152'
Kirtland	1321'
Fruitland	1890'
Pictured Cliffs	2149'
Cliffhouse	3550'
Point Lookout	4512'
Gallup	5645'
Dakota	6652'

Logging Record: Induction Log, Density Log.

Stimulation: Perf DK 6654'-62', 6672'-80', 6692'-6700' w/2 spz. Fraced w/30,000# sand in water.

Workover History: 1-30-86: Swabbed well in.

Production History: First Delivery = 2-1-66. Cumulative= 1,558 MMCF & 17,029 BO. Capacity = 0 MCF/D. Bradenhead = 11 psi. Tbg pressure = 3 psi. Csg pressure = 154 psi. Line Pressure = 202 psi.

Pipeline: EPNG

PMP

IN REPLY REFER TO:
(07337)

UNITED STATES DEPARTMENT OF THE INTERIOR

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

Attachment to Notice of

Re: Permanent Abandonment

Intention to Abandon

Well: 145 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.) Spot a cement plug from 4100' to 4000' inside the casing plus 50% excess. (Mesavende Top-4050')
- 2.) Perforating @ 3600' and placing a plug from 3600' to 3500' is Not Necessary.

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