

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  
990'FNL, 890'FWL Sec.28, T-26-N, R-9-W, NMPM

5. Lease Number  
SF-078060A  
6. If Indian, All. or  
Tribe Name  
7. Unit Agreement Name  
Huerfano Unit  
8. Well Name & Number  
Huerfano Unit #182  
9. API Well No.  
10. Field and Pool  
Basin Ft Coal  
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	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<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	<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 -	

13. Describe Proposed or Completed Operations

It is planned to stop a gas flow at the bradenhead valve per the attached procedure.

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DIST. 3

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

Signed [Signature] (MP) Title Regulatory Affairs Date 7/21/93

(This space for Federal or State Office use)

APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_

CONDITION OF APPROVAL, if any:

APPROVED  
Date 29 1993

DISTRICT MANAGER

HUERFANO UNIT #182 FRTC  
Repair Procedure  
D 28 26 9  
San Juan County, New Mexico

1. Comply to all NMOCD, BLM, & MOI, rules & regulations. Test rig anchors & MI blow pit. MOL and RU completion rig. Blow well down. Only if necessary, kill well w/2% KCL water. DO NOT OPEN BRADENHEAD VALVE. NU adapter flange & 6" 900 series BOP with flow tee and stripping head. Test operation of rams. NU blooie line and 2-7/8" relief line.
2. Set blanking plug in S.N. @ 1983' & pressure test tbg to 2500 psi. TOH w/2-3/8" tbg.
3. MI wireline truck. Set 4-1/2" retrievable BP @ 1800' & top w/ 2 sx sand. Load hole & w/2% KCL water & pressure test csg to 1000 psi.
4. Open bradenhead valve & allow well to flow gas & water to pit. Run Audio Profile log to locate source of water & gas entry behind 4-1/2" csg. (Top of Ojo Alamo is 1140' & top of cmt behind 4-1/2" is 1520'). Note: From point of entry, gas is in communication w/bradenhead valve. Pipe Inspection Log 4-89 indicated poor csg 1206'-42'.
5. Perf 2 sq holes in 4-1/2" csg just below point of gas entry. Rabbit & run 4-1/2" pkr on 2-3/8" tbg & set 300' above sq perfs. If circ can be est w/bradenhead valve, circ cmt out bradenhead valve. When cmt circ out bradenhead valve, close valve. Cmt w/class "B" w/0.6% F.L. additive and 2% CaCl. Max pressure is 1000 psi. Flush cmt w/water to below pkr, PU & reverse out, reset pkr, & repressure.
6. TIH w/3-7/8" bit on 2-3/8" tbg. Drill out cmt w/water to below perfs & pressure test to 500 psi. Resq if necessary. When pressure test holds, TOH. TIH w/retrieving tool on 2-3/8" tbg, circ sand off BP @ 1800', roll hole w/2% KCL water, unload hole to 1500', & retrieve BP. TOH. TIH w/ 3-7/8" bit on 2-3/8" tbg & C.O. to PBTD 2079' w/air/mist. TOH.
7. TIH w/2-3/8" production tbg open ended w/S.N. one jt from bottom. Land tbg @ 1980'.
8. Release rig & resume FRTC production.

Approve: \_\_\_\_\_  
J. A. Howieson

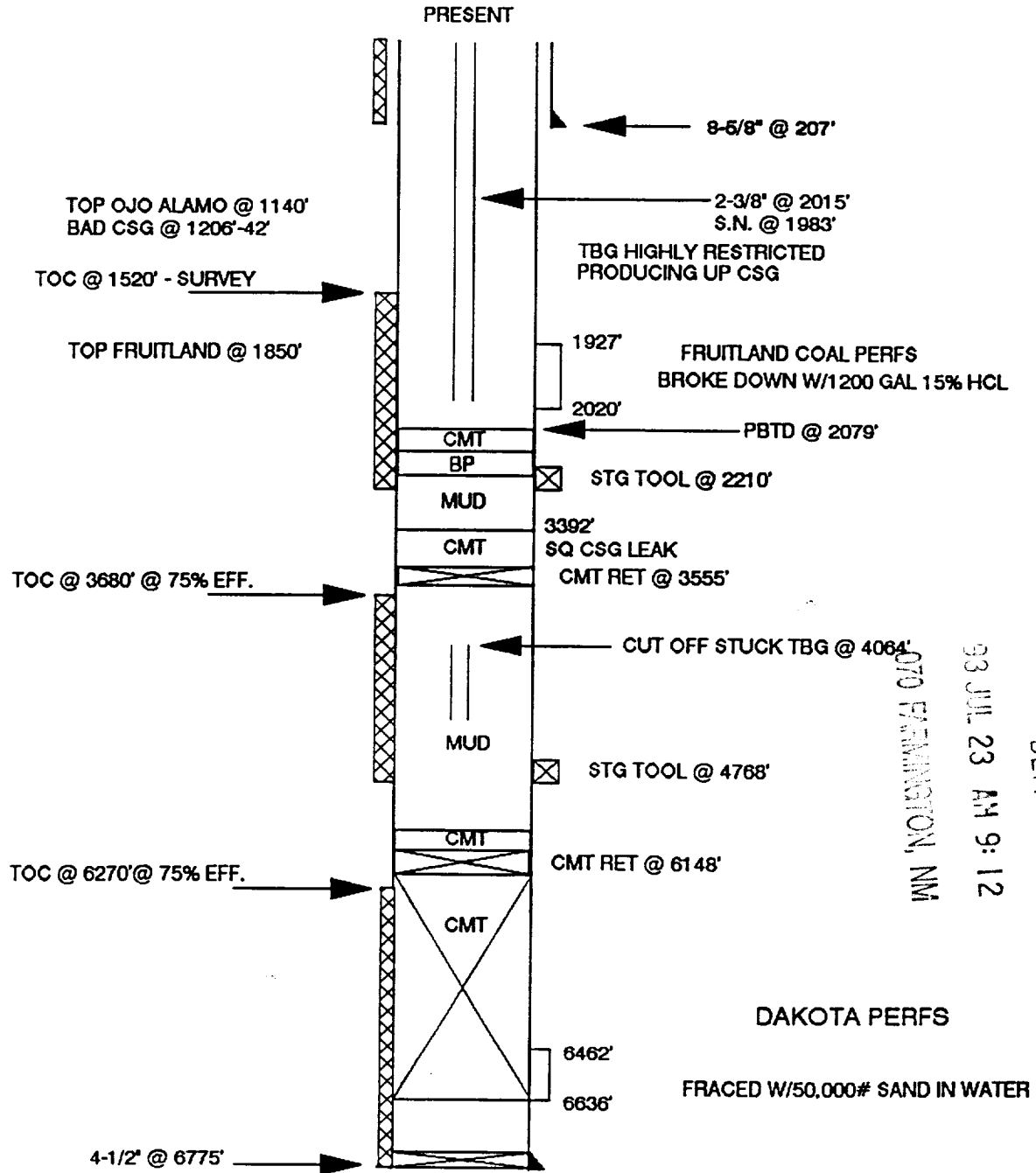
VENDORS:

Wireline:	Blue Jet	325-5584
Cement:	Howco	325-3575

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# HUERFANO UNIT #182 FRTC

UNIT D SECTION 28 T26N R9W  
SAN JUAN COUNTY, NEW MEXICO



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Pertinent Data Sheet - HUERFANO UNIT #182

Location: 990' FNL 890' FWL SEC. 28 T26N R09W, SAN JUAN COUNTY, N.M.

Field: Basin Fruitland Coal

Elevation: 6492'

TD: 6775'

10' KB

PBTD: 2079'

DP#: 51751B

GWI: 49.65%

NRI: 36.63%

Completed: 7-16-68

Recompleted: 4-24-89

Initial Potential:

Pitot Gauge = 204 MCF/D (FRTC)

Casing Record:

Hole Size	Csq. 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	6775'	130 sx	6270' @ 75% Eff.
		Stage Tool @	4768'	280 sx	3680' @ 75% Eff.
		Stage Tool @	2210'	165 sx	1520' Survey

Tubing Record: 2-3/8" 4.7# J-55 2015'  
S.N. @ 1983'

Formation Tops:

Ojo Alamo	1140'
Kirtland	1290'
Fruitland	1850'
Pictured Cliffs	2022'

Logging Record: Induction Log, Density Log, Pipe Inspection, Cased Neutron

Stimulation: Perf DK @ 6462'-77', 6564'-79', 6626'-36' & fraced w/50,000# sand in water.

Workover History: 11-20-75: Set pkr @ 6523'. 8-23-83: Set cmt ret on tbg @ 6148'. Swabbed DK many times. 4-89: Pump 28 sx cmt below ret @ 6148'. Place 8 sx cmt on top ret. Circ hole w/mud to 5000'. Cut off stuck tbg @ 4064'. Set cmt ret @ 3555'. Ran csg inspection log. W/pkr @ 3142', sq csg leak w/210 sx cmt. TOC @ 3392'. Spot mud to 2140'. Set BP @ 2190'. Spot 8 sx cmt 2190'-2079'. Spot acid & perf FRTC @ 1927'-35', 1946'-48', 1963'-65', 1971'-81', 2010'-20' & broke down w/28 bbl 15% HCL acid & 56 perf balls. Pressured out @ 2020#.

Production History: DK Cumulative= 567 MMCF & 12,336 BO. FRTC 1st delivery = 11-1-89. FRTC cumulative = 537 MMCF. FRTC capacity = 560 MCF/D. Bradenhead = 50 psi & flows steady gas. Tbg pressure = 90 psi. Csg pressure = 58 psi. Wellhead compressor on csg valve. Line Pressure = 350 psi. FRTC BHP = 263 PSI @ 2015'.

Pipeline: EPNG

PMP

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