

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

1150'FNL, 1460'FEL Sec.21, T-26-N, R-9-W, NMPM

5. Lease Number
SF 078060

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name
Huerfano Unit

8. Well Name & Number
Huerfano Unit #191E

9. API Well No.
30-045-26240

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

☐ 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 perform a casing repair on this well per the attached procedure.

RECEIVED
JUL 20 1994
OIL CON. DIV.
DIST. 3

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

Signed [Signature] (ROS1) Title Regulatory Affairs Date 7/7/94

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____

CONDITION OF APPROVAL, if any:

APPROVED

JUL 11 1994

[Signature]
for DISTRICT MANAGER

NMOC

**Huerfano Unit #191E (DK)
Section 21, T-26-N, R-09-W
Recommended Casing Repair Procedure**

1. Comply with all NMOCD, BLM and Meridian safety and environmental regulations. Test rig anchors and build blow pit prior to moving in rig.
2. MOL and RU workover rig. Blow well down. NU 7-1/16" 3000 psi (6" 900 series) BOP with flow tee and stripping head. NU blooie line and 2-7/8" relief lines. Test and record operation of BOP rams. Kill well with water only if necessary. Have Christmas tree serviced at A-1 Machine.
3. TOH with 203 jts. of 2-3/8" 4.7# J-55 tbg. Visually inspect tbg for corrosion. TIH with 4-1/2" casing scraper on 2-3/8" tbg to PBTD at 6571'. TOH.
4. TIH with 4-1/2" RBP and 4-1/2" retrievable packer on 2-3/8" tbg and set RBP at approx. 6300' (100' above top of DK perf). Pressure test RBP to 1000 psig. Isolate csg failure.
5. Establish a rate into hole with water and attempt to circulate to surface. Make sure bradenhead valve is open and a line is laid to the pit. Design squeeze cement job as appropriate. Set 4-1/2" packer 250' above hole and establish a rate into hole with water. Make sure bradenhead valve is open. Mix and pump cement. Maximum pressure is 1000 psig. If cement is circulated to surface, shut in bradenhead valve and squeeze. Displace cement 2 bbls below packer prior to performing hesitation squeeze. Once squeezed, pull up hole, reverse circulate, and reapply pressure. TOH with packer after 4 hours.
6. WOC 12 hrs. Clean out to below squeeze with 3-7/8" mill or bit. Pressure test to 750 psig. Re-squeeze as necessary.
7. TIH with 4-1/2" casing scraper to below squeeze. TOH. TIH with retrieving tool on 2-3/8" tbg blowing down with gas or air. Retrieve RBP and TOH.
8. TIH and CO to PBTD at 6571'. Take and record gauges. Contact operations engineer for stimulation recommendation. TOH with 2-3/8" tbg.
9. Rerun 2-3/8" tbg with an expendable check valve on bottom and a seating nipple one jt off bottom. Land tbg near bottom perforation at 6554'. ND BOP and NU wellhead. Pump off expendable check valve and record final gauges. Return well to production.

Recommended: Jason Walter

Approved: J.G. Morrison

HJW 7/5/94

PERTINENT DATA SHEET

WELLNAME: Huerfano Unit #191E				DP NUMBER: 53963A																																																											
WELL TYPE: Basin Dakota				ELEVATION: GL: 6364' KB: 6377'																																																											
LOCATION: 1150' FNL 1460' FEL Sec. 21, T26N, R09W San Juan County, New Mexico				INITIAL POTENTIAL: AOF 2,367 MCF/D SICP: July, 1985 1423 PSIG																																																											
OWNERSHIP: GWI: 61.8659% NRI: 46.8469%				DRILLING: SPUD DATE: 06-03-85 COMPLETED: 06-14-85 TOTAL DEPTH: 6587' PBTD: 6571' COTD: 6571'																																																											
CASING RECORD: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>HOLE SIZE</u></th> <th style="text-align: left;"><u>SIZE</u></th> <th style="text-align: left;"><u>WEIGHT</u></th> <th style="text-align: left;"><u>GRADE</u></th> <th style="text-align: left;"><u>DEPTH</u></th> <th style="text-align: left;"><u>EQUIP.</u></th> <th style="text-align: left;"><u>CEMENT</u></th> <th style="text-align: left;"><u>TOC</u></th> </tr> </thead> <tbody> <tr> <td>12 1/4"</td> <td>8-5/8"</td> <td>24#</td> <td>K55</td> <td>228'</td> <td>-</td> <td>171 cf</td> <td>surface</td> </tr> <tr> <td>7 7/8"</td> <td>4 1/2"</td> <td>10.5#</td> <td>K55</td> <td>6587'</td> <td>Stg Tool @ 2224'</td> <td>Stg 3 - 1004 cf</td> <td>1000' T.S.</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Stg Tool @ 4875'</td> <td>Stg 2 - 502 cf</td> <td>3222'(75%)</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Float Collar @ 6571'</td> <td>Stg 1 - 416 cf</td> <td>5201'(75%)</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td><u>Total</u> 1922 cf</td> <td></td> </tr> <tr> <td>Tubing</td> <td>2-3/8"</td> <td>4.7#</td> <td>J55</td> <td>6539'</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p style="margin-top: 10px;">Baker expendible check valve on bottom @6539', 202 jts. 2 3/8" tubing set @6539', Seating nipple one jt off bottom @appx 6507'</p>								<u>HOLE SIZE</u>	<u>SIZE</u>	<u>WEIGHT</u>	<u>GRADE</u>	<u>DEPTH</u>	<u>EQUIP.</u>	<u>CEMENT</u>	<u>TOC</u>	12 1/4"	8-5/8"	24#	K55	228'	-	171 cf	surface	7 7/8"	4 1/2"	10.5#	K55	6587'	Stg Tool @ 2224'	Stg 3 - 1004 cf	1000' T.S.						Stg Tool @ 4875'	Stg 2 - 502 cf	3222'(75%)						Float Collar @ 6571'	Stg 1 - 416 cf	5201'(75%)							<u>Total</u> 1922 cf		Tubing	2-3/8"	4.7#	J55	6539'			
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PERFORATIONS 6409 - 6554', Select fire, Total of 20 holes																																																															
STIMULATION: Spotted 100 gal 7-1/2% HCl. Perfed 20 holes. Balled off using 2000 gal of 15% HCl and 40 balls. Ran JB and recovered 38 balls with 18 hits. Frac w/62,790 gal. water, 51,000 # (40/60) sand.																																																															
WORKOVER HISTORY: None																																																															
PRODUCTION HISTORY: Gas Oil Cumulative as of June 94: 319.5 MMcf 5.1 MBbl Current Rate: 0 Mcfd 0 Bopd				DATE OF LAST PRODUCTION: Gas Oil October, 1993 97.4 Mcf/D .6 bbl/D																																																											
PIPELINE: EPNG																																																															

Huerfano Unit #191E

CURRENT

Dakota

Section 21, T-26-N, R-09-W, San Juan County, NM

