

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

- |  |  |
|--|--|
| <p>1. <b>Type of Well</b><br/>GAS</p> <hr/> <p>2. <b>Name of Operator</b><br/><b>MERIDIAN OIL</b></p> <hr/> <p>3. <b>Address &amp; Phone No. of Operator</b><br/>PO Box 4289, Farmington, NM 87499 (505) 326-9700</p> <hr/> <p>4. <b>Location of Well, Footage, Sec., T, R, M</b><br/>1650'FSL, 890'FEL, Sec.8, T-26-N, R-10-W, NMPM</p> | <p>5. <b>Lease Number</b><br/>SF 080374</p> <p>6. <b>If Indian, All. or Tribe Name</b></p> <p>7. <b>Unit Agreement Name</b><br/>Huerfano Unit</p> <p>8. <b>Well Name &amp; Number</b><br/>Huerfano Unit #222</p> <p>9. <b>API Well No.</b><br/>30-045-20839</p> <p>10. <b>Field and Pool</b><br/>Basin Dakota</p> <p>11. <b>County and State</b><br/>San Juan Co, NM</p> |
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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 checked="" type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other -	

13. Describe Proposed or Completed Operations

It is intended to perform a casing repair on this well per the attached procedure.

RECEIVED  
JUL 11 1994  
SANDSTONE DIV  
DALLAS

RECEIVED  
JUL 11 1994  
SANDSTONE DIV  
DALLAS

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

Signed *John Madhild* (ROS1) Title Regulatory Affairs Date 7/7/94

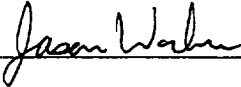
(This space for Federal or State Office use)  
APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

CONDITION OF APPROVAL, if any:

**APPROVED**  
JUL 11 1994  
*Chip Haraden*  
for ACTING MANAGER

**Huerfano #222 (DK)**  
**Section 8, T-26-N, R-10-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 215 jts. of 2-3/8" tbg. Visually inspect tbg for corrosion. TIH with 4-1/2" casing scraper on 2-3/8" tbg to PBDT at 6829'. TOH.
4. TIH with 4-1/2" RBP and 4-1/2" retrievable packer on 2-3/8" tbg and set RBP at approx. 6550' (100' above top of DK perf). Pressure test RBP to 1000 psig. Isolate csg failure.
6. 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.
7. WOC 12 hrs. Clean out to below squeeze with 3-7/8" mill or bit. Pressure test to 750 psig. Re-squeeze as necessary.
8. 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.
9. TIH and CO to PBDT at 6829'. Take and record gauges. TOH with 2-3/8" tbg.
10. 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 6768'. ND BOP and NU wellhead. Pump off expendable check valve and record final gauges. Return well to production.

Recommended: 

Approved: 

HJW 7/5/94

# PERTINENT DATA SHEET

7/6/94

<b>WELLNAME:</b> Huerfano Unit #222	<b>DP NUMBER:</b> 44642A																																																								
<b>WELL TYPE:</b> Basin Dakota	<b>ELEVATION:</b> GL: 6617' KB: 6630'																																																								
<b>LOCATION:</b> 1650' FSL 890' FEL Sec. 8, T26N, R10W San Juan County, New Mexico	<b>INITIAL POTENTIAL:</b> AOF 16,323 MCF/D  <b>SICP:</b> 2/72 1,929																																																								
<b>OWNERSHIP:</b> GWI: 61.8659% NRI: 46.8469%	<b>DRILLING:</b> SPUD DATE: 01-22-72 COMPLETED: 02-15-72 TOTAL DEPTH: 6840' PBD: 6829' COTD: 6829'																																																								
<b>CASING RECORD:</b> <table style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="text-align: left;">HOLE SIZE</th> <th style="text-align: left;">SIZE</th> <th style="text-align: left;">WEIGHT</th> <th style="text-align: left;">GRADE</th> <th style="text-align: left;">DEPTH</th> <th style="text-align: left;">EQUIP.</th> <th style="text-align: left;">CEMENT</th> <th style="text-align: left;">TOC</th> </tr> </thead> <tbody> <tr> <td>12 1/4"</td> <td>8-5/8"</td> <td>24#</td> <td>J55</td> <td>236'</td> <td>-</td> <td>177 cf</td> <td>surface</td> </tr> <tr> <td>7 7/8"</td> <td>4 1/2"</td> <td>10.5#</td> <td>J55</td> <td>6840'</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Stage Tool @ 4919'</td> <td>Stg 1 -- 350 cf</td> <td>est 5688'</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Stage Tool @ 2284'</td> <td>Stg 2 -- 448 cf</td> <td>est 3444'</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Stg 3 -- 384 cf</td> <td>TS 1695'</td> </tr> <tr> <td>Tubing</td> <td>2-3/8"</td> <td>4.7#</td> <td>J55</td> <td>6731'</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p style="margin-top: 5px;">Baker expendable check valve on bottom, 1 jt. tubing, seating nipple @ 6796', total of 215 jts. 2 3/8" tubing set @ 6731'</p>		HOLE SIZE	SIZE	WEIGHT	GRADE	DEPTH	EQUIP.	CEMENT	TOC	12 1/4"	8-5/8"	24#	J55	236'	-	177 cf	surface	7 7/8"	4 1/2"	10.5#	J55	6840'									Stage Tool @ 4919'	Stg 1 -- 350 cf	est 5688'						Stage Tool @ 2284'	Stg 2 -- 448 cf	est 3444'							Stg 3 -- 384 cf	TS 1695'	Tubing	2-3/8"	4.7#	J55	6731'			
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<b>PERFORATIONS</b> 6652' -- 6768' (18 shots per zone)																																																									
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# Huerfano Unit #222

CURRENT

Basin Dakota  
DPNO 44642A

1650' FSL, 890' FEL,  
Section 8, T-26-N, R-10-W, San Juan County, NM

Spud: 1-22-72

Completed : 2-15-72

