

State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division

Sundry Notices and Reports on Wells

1. Type of Well GAS	API # (assigned by OCD) 30-045-20416
2. Name of Operator MERIDIAN OIL	5. Lease Number
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	6. State Oil&Gas Lease Fee
4. Location of Well, Footage, Sec., T, R, M 800' FSL, 1150' FWL Sec.21, T-26-N, R-10-W, NMPM, San Juan County	7. Lease Name/Unit Name Huerfano Unit
	8. Well No. 196
	9. Pool Name or Wildcat Basin Dakota
	10. Elevation:

Type of Submission

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment

Type of Action

<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<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 Injectio
<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 8 1994
OIL CONSERVATION DIVISION

SIGNATURE *Reggie Bradfield* (ROS1) Regulatory Affairs July 7, 1994

(This space for State Use)

Approved by *Charles Shollen*

DEPUTY OIL & GAS INSPECTOR, DIST. #3
Title _____

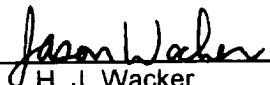
Date JUL - 8 1994

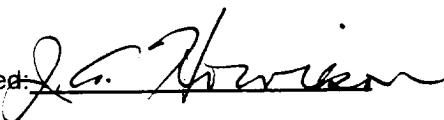
**Huerfano Unit # 196
Sec. 21, T26N, R10W
800' FSL, 1150' FWL
San Juan County, New Mexico
Workover Procedure**

!! NOTIFY NMOCD AND BLM 24 HOURS PRIOR TO WORKING ON THIS WELL !!

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. Place fire and safety equipment in strategic locations and hold safety meeting with all contractors involved.
3. 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.
4. TOH w/ 209 jts 2-3/8", J55, EUE tbg. **Visually inspect tbg for corrosion.** PU and RIH w/ 4-1/2" csg scraper to app. 6720'.
5. PU and TIH w/ 4-1/2" RBP and 4-1/2" retrievable packer. Set RBP @ app. 6400' (100' above perfs). Pressure test RBP to 750 psig. Isolate csg failure.
6. If leak is in upper portion of hole, attempt to establish rate into hole with water. Make sure bradenhead valve is open. If flow out the bradenhead valve is established, calculate cement volume needed (100 % excess). Set packer 250' above csg leak and squeeze below packer with Class "B" + 2% Calcium Chloride (cement properties: 15.6 ppg, 1.18 cf/sk, 5.2 gal wtr/sk). Circulate cement to surface, shut in bradenhead valve and squeeze. Proceed to step 8.
7. If leak is not in upper portion of hole set packer 250' above csg leak and squeeze w/ sufficient amount of cement below packer. Proceed to step 8.
8. Displace cement 2 bbls below packer prior to performing hesitation squeeze. Once squeezed, pull up hole, reverse circulate, and reapply squeeze pressure. TOH w/ packer after 4 hours.
9. TIH w/ 3-7/8" bit and drill cement. Pressure test csg to 750 psig. PU and RIH w/ 4-1/2" csg scraper to below squeeze. TOH.
10. TIH w/ retrieving head and retrieve RBP @ 6400'. TOH w/ RBP.
11. TIH w/ 2-3/8" tbg, w/ expandable check valve on bottom jt. Land tbg @ app. 6608'.
12. RD rig. NU wellhead. Return well to production.

Recommended: 
K. F. Tyler

Recommended: 
H. J. Wacker

Approved: 

PERTINENT DATA SHEET

7/6/94

WELLNAME: Huerfano Unit 196	DP NUMBER: 51806A																																																
WELL TYPE: Basin Dakota	ELEVATION: GL: 6590' KB: 6600'																																																
LOCATION: 800' FSL 1150' FWL Sec. 21, T26N, R10W San Juan County, New Mexico	INITIAL POTENTIAL: AOF 8,517 MCF/D SICP: June, 1988 456 psig																																																
OWNERSHIP: GWI: 61.8659% NRI: 46.8469%	DRILLING: SPUD DATE: 02-25-69 COMPLETED: 05-22-69 TOTAL DEPTH: 6738' PBTD: 6696'																																																
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>221'</td> <td>-</td> <td>125 sx</td> <td>surface</td> </tr> <tr> <td>7 7/8"</td> <td>4 1/2"</td> <td>10.5#</td> <td>K55</td> <td>6738'</td> <td>Float Collar @ 6724'</td> <td>Stg 1 -- 125 sx</td> <td>5652'</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>DV Tool @ 4819'</td> <td>Stg 2 -- 215 sx</td> <td>3412'</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>DV Tool @ 2298'</td> <td>Stg 3 -- 215 sx</td> <td>TS 1500'</td> </tr> <tr> <td>Tubing</td> <td>2-3/8"</td> <td>4.7#</td> <td>J55</td> <td>6608'</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p style="margin-top: 10px;">Seating nipple one jt off bottom @ appx 6576', Baker expendible check valve on bottom @ 6608', 209 jts. 2 3/8" tubing set @ 6608'</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	221'	-	125 sx	surface	7 7/8"	4 1/2"	10.5#	K55	6738'	Float Collar @ 6724'	Stg 1 -- 125 sx	5652'						DV Tool @ 4819'	Stg 2 -- 215 sx	3412'						DV Tool @ 2298'	Stg 3 -- 215 sx	TS 1500'	Tubing	2-3/8"	4.7#	J55	6608'			
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PERFORATIONS 6542 - 6612' w/ 18 spz																																																	
STIMULATION: 50,000 gal. water, 50,000 # (40/60) sand, & 250 gal. 7 1/2% acid																																																	
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Huerfano Unit #196

CURRENT

Dakota

SE Section 21, T-26-N, R-10-W, San Juan County, NM

Completed : 5/22/69

Ojo Alamo @ 1200'

Fruitland @ 1820'

Pictured Cliffs @ 2018'

Lewis @ 2310'

Cliff House @ 3815'

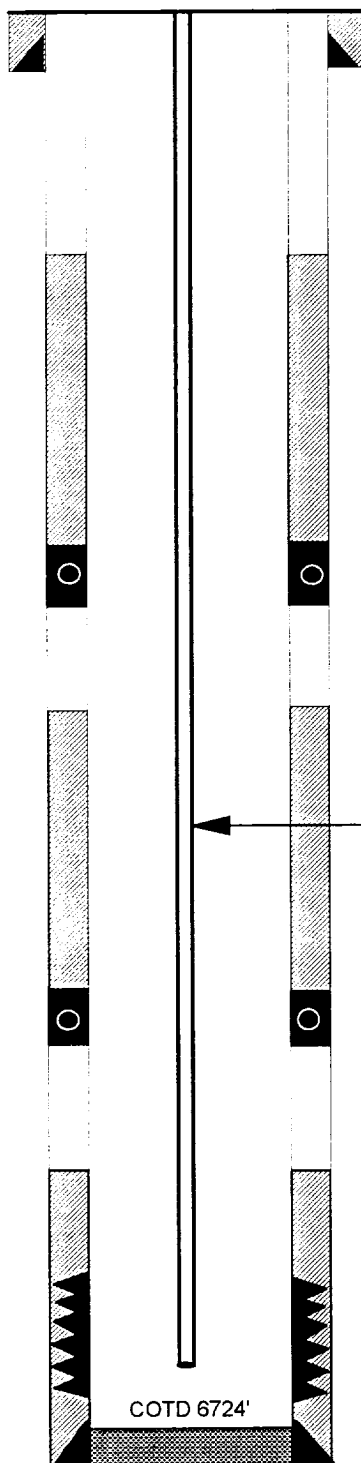
Point Lookout @ 4525'

Gallup @ 5595'

Greenhorn @ 6420'

Graneros @ 6458'

Dakota @ 6577'



8-5/8" 26.4# J-55 Csg set @ 221'
Circulated Cmt to Surface

Top of Cmt @ 1500' (TS)

DV tool @ 2298'
Cmt 3 rd stage w/215 sx

Top of Cmt @ 3412' (calc @ 75% efficiency)

209 jts 2-3/8", 4.7#, J-55, EUE, tbg set @ 6608'
(SN @ 6575')

DV tool @ 4819'
Cmt 2 nd stage w/215 sx

Top of Cmt @ 5652' (calc @ 75% efficiency)

Perforations 6542'–6612'
Total of 54 holes

4-1/2" 10.5# J55 Csg set @ 6738'
Cmt 1st stage w/ 125sx

COTD 6724'

TD 6738'