

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

- | | |
|--|---|
| <p>1. Type of Well
GAS</p> <p>2. Name of Operator
MERIDIAN OIL</p> <p>3. Address & Phone No. of Operator
PO Box 4289, Farmington, NM 87499 (505) 326-9700</p> <p>4. Location of Well, Footage, Sec., T, R, M
1750'FNL, 1650'FWL, Sec.14, T-26-N, R-10-W, NMPM</p> | <p>5. Lease Number
SF-077806</p> <p>6. If Indian, All. or
Tribe Name</p> <p>7. Unit Agreement Name
Huerfano Unit</p> <p>8. Well Name & Number
Huerfano Unit #179</p> <p>9. API Well No.
30-045-20256</p> <p>10. Field and Pool
Basin Dakota</p> <p>11. County and State
San Juan Co, NM</p> |
|--|---|

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 repair the casing for the subject well according to the attached procedure and wellbore diagram.

RECEIVED
SEP 29 1994
OIL CON. DIV.
DIST. 3

070 FARMINGTON, NM
01 SEP 21 AM 9:19

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

Signed [Signature] (ROS1) Title Regulatory Affairs Date 9/20/94

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____

CONDITION OF APPROVAL, if any:

APPROVED
SEP 22 1994
District Manager

**Huerfano Unit #179
Dakota
Section 14, 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 1% KCL water only if necessary. Have Christmas tree serviced at A-1 Machine.
3. TOH with 2-3/8" 4.7# J-55 tbg and packer. Release Guiberson Mark VI packer by finding neutral point and picking up string weight, turn 1/4 turn to the right at the tool. Hold right hand torque and pick up about a foot. Visually inspect tbg for corrosion. TIH with 4-1/2" casing scraper on 2-3/8" tbg to PBTD at 6957'. TOH.
4. TIH with 4-1/2" RBP and 4-1/2" retrievable packer on 2-3/8" tbg and set RBP at approx. 6664' (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. If circulation is established out of bradenhead, mix cement with fluid loss additive and Cal Seal. 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. Hold pressure for 4 hrs. and check for flowback. TOH with packer.
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 with 2-3/8" tbg with an expendable check valve on bottom and a seating nipple one jt off bottom and CO to PBTD at 6957'. Take and record gauges.
9. Land tbg near bottom perforation at 6836'. ND BOP and NU wellhead. Pump off expendable check valve and record final gauges. Return well to production.

Recommended: RO Stanfield Jr.

Approved: PJB

PERTINENT DATA SHEET

WELLNAME: Huerfano Unit #179	DP NUMBER: 51715A PROP. NUMBER: 0-079709-00																																																								
WELL TYPE: Basin Dakota	ELEVATION: GL: 6660' KB: 6672'																																																								
LOCATION: 1750' FNL 1650' FWL Section 14, T-26-N, R-10-W San Juan County, New Mexico	INITIAL POTENTIAL: AOF 4,608 MCF/D SICP: June, 1992 619 PSIG																																																								
OWNERSHIP: GWI: 61.8659% NRI: 46.8469%	DRILLING: SPUD DATE: 04-08-68 COMPLETED: 04-20-68 TOTAL DEPTH: 6964' PBDT: 6957' COTD: 6957'																																																								
CASING RECORD: <table style="width: 100%; border-collapse: collapse;"> <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>J-55</td> <td>217'</td> <td>-</td> <td>170 sks</td> <td>surface</td> </tr> <tr> <td>7-7/8"</td> <td>4-1/2"</td> <td>10.5#</td> <td>J-55</td> <td>6964'</td> <td>Stg Tool @ 2527'</td> <td>Stg 3 - 185 sks</td> <td>1500'(TS)</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Stg Tool @ 5022'</td> <td>Stg 2 - 220 sks</td> <td>3809'(75%)</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Float Collar @ 6958'</td> <td>Stg 1 - 270 sks</td> <td>5802'(75%)</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Total 675 sks</td> <td></td> </tr> <tr> <td>Tubing</td> <td>2-3/8"</td> <td>4.7#</td> <td>J-55</td> <td>6732'</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>Otis type x seating nipple & Baker expendable check valve on bottom. Ran 6 jts tail pipe, Guiberson Mark VI packer set with Baker on-off tool set @ 6587', 211 jts 2-3/8 tubing set @ approximately 6732'.</p>		HOLE SIZE	SIZE	WEIGHT	GRADE	DEPTH	EQUIP.	CEMENT	TOC	12-1/4"	8-5/8"	24#	J-55	217'	-	170 sks	surface	7-7/8"	4-1/2"	10.5#	J-55	6964'	Stg Tool @ 2527'	Stg 3 - 185 sks	1500'(TS)						Stg Tool @ 5022'	Stg 2 - 220 sks	3809'(75%)						Float Collar @ 6958'	Stg 1 - 270 sks	5802'(75%)							Total 675 sks		Tubing	2-3/8"	4.7#	J-55	6732'			
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PERFORATIONS: 6678' - 86', 6702' - 06', 6720' - 24', 6770' - 86', 6824' - 36' w/16 SPZ																																																									
STIMULATION: Frac w/65,000# 40/60 sand, 66,020 gal. water. Max. pr. 4000#, BDP 1000#, tr. pr. 3300-3700-4000#. I.R. 38 BPM. Dropped 4 set of 16 balls each, flushed w/5100 gal. water. ISIP 1200#, 5 Min. 850#, 15 Min. 600#, 30 Min. 475#.																																																									
WORKOVER HISTORY: 1/21/75 - 1/22/75 Set packer to isolate casing failure. Ran casing gauge to bottom. Ran 6 jts tail pipe, Guiberson Mark VI packer with Baker on-off set @ 6587'. Added 4 jts of tubing to string. Swabbing heavy mud.																																																									
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Huerfano Unit #179

CURRENT

Dakota

Section 14, T-26-N, R-10-W, San Juan County, NM

Today's Date: 7/21/94

Spud: 4/8/68

Completed : 4/20/68

Ojo Alamo @ 1375'

Kirtland @ 1404'

Fruitland @ 1995'

Pictured Cliffs @ 2200'

Chacra @ 3080'

Mesa Verde @ 3132'

Point Lookout @ 4664'

Gallup @ 5700'

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