

submitted in lieu of Form 3160-5

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
890' FSL, 1450' FWL Sec. 21, T-27-N, R-9-W, NMPM

5. Lease Number
NM 011393

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name
Huerfanito Unit

8. Well Name & Number
Huerfanito Unit 10

9. API Well No.
30-045-06179

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
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment	<input checked="" type="checkbox"/> Plugging Back
	<input checked="" type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other -
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Conversion to Injectio

13. Describe Proposed or Completed Operations

It is intended to perform a casing repair on this well per the attached procedure. Verbal approval was received for this work from S. Mason 07-06-94.

RECEIVED
JUL 15 1994
OIL CON. DIV.
DIST. 3

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

Signed [Signature] (ROS1) Title Regulatory Affairs Date 7/6/94

(This space for Federal or State Office use)
APPROVED BY _____ Title _____ Date _____
CONDITION OF APPROVAL, if any:

NMOCD

APPROVED
[Signature]

Huerfanito #10 (DK)
Section 21, T-27-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 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 6823'. TOH.
4. TIH with 4-1/2" RBP and 4-1/2" retrievable packer on 2-3/8" tbg and set RBP at approx. 6400' (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 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 6823'. Take and record gauges. Contact operations engineer for stimulation recommendation.
9. Land tbg near bottom perforation at ⁶⁶⁸⁵~~6852~~. ND BOP and NU wellhead. Pump off expendable check valve and record final gauges. Return well to production.

Recommended:

Jason Weber
ROS

Approved:

J.G. Downer

PERTINENT DATA SHEET

WELLNAME: Huerfanito #10	DP NUMBER: 28974A																																																
WELL TYPE: Basin Dakota	ELEVATION: GL: 6248' KB: 6262'																																																
LOCATION: 890' FSL 1450' FWL Unit N Sec. 21, T27N, R09W San Juan County, New Mexico	INITIAL POTENTIAL: AOF 79 MCF/D SICP: July, 1985 657 PSIG																																																
OWNERSHIP: GWI: 98.0242% NRI: 82.1446%	DRILLING: SPUD DATE: 2/15/66 COMPLETED: 3/7/66 TOTAL DEPTH: 6852' PBTD: 6823' COTD: 6823'																																																
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PERFORATIONS: 6520' - 6524', 6530' - 6536', 6584' - 6612', 6654' - 6664', - 6668' - 6673', 6679' - 6685' @ 2 jets per foot																																																	
STIMULATION: Spotted 500 gal acid. Frac well with total 1500 gal MCA acid, 60,000# 20/40 sand, 70,000 gal water and 40 tons CO2 at 40 bbl/min and 3,800 psi.																																																	
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Huerfanito #10

CURRENT

Dakota

Section 21, T-27-N, R-09-W, San Juan County, NM

Spud: 2/15/66

Completed : 3/7/66

Ojo Alamo @ 910'

Kirtland @ 1330'

Fruitland @ 1895'

Pictured Cliffs @ 2100'

Cliff House @ 3690'

Menefee @ 3797'

Point Lookout @ 4455'

Mancos @ 4585'

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Greenhorn @ 6418'

Graneros @ 6469'

Dakota @ 6584'

8-5/8" 24# J-55 Csg set @ 337'
Cmt to Surface (250 sx, 75% Calc)

Top of Cmt @ 1564' (75% Calc)

Stg tool @ 2318'
Cmt 3rd stage w/ 150 sx (230 cf)

Top of Cmt @ 4226' (Calc @ 75%)

Stg tool @ 4858'
Cmt 2nd stage w/ 120 sx (192 cf)

Top of Cmt @ 5673' (Calc @ 75%)

2-3/8", 4.7#, J-55, tbg set @ 6517'

Perforations 6520' - 6685'
@ 2 SPF

4-1/2" 10.5# J-55 set @ 6852'
Cmt 1st stage w/ 306 sx (358 cf)

