

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
1000'FSL, 890'FEL, Sec.19, T-26-N, R-10-W, NMPM

5. Lease Number
SF-080425

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name
Huerfano Unit

8. Well Name & Number
Huerfano Unit #244

9. API Well No.
30-045-21249

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 checked="" 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 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 plug and abandon the subject well according to the attached procedure and wellbore diagram.

RECEIVED
OCT 07 1994
BUREAU OF LAND MANAGEMENT
DISTRICT MANAGER

070 FARMINGTON, NM
24 OCT - 3 AM 7:33

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

Signed [Signature] (ROS3) Title Regulatory Affairs Date 9/30/94

(This space for Federal or State Office use)

APPROVED BY _____ Title _____
CONDITION OF APPROVAL, if any:

Date

APPROVED
AS AMENDED

OCT 05 1994

DISTRICT MANAGER

PERTINENT DATA SHEET

WELLNAME: Huerfano Unit #244	DP NUMBER: 44892A PROP. NUMBER: 007970900																																																
WELL TYPE: Basin Dakota	ELEVATION: GL: 6460' KB: 6471'																																																
LOCATION: 1000' FSL 890' FEL SE Sec. 19, T26N, R10W San Juan County, New Mexico	INITIAL POTENTIAL: AOF 4,197 SICP: May, 1990 455 PSIG																																																
OWNERSHIP: GWI: 61.8659% NRI: 46.8529%	DRILLING: SPUD DATE: 03-27-73 COMPLETED: 05-14-73 TOTAL DEPTH: 6558' PBTD: 6540' COTD: 6540'																																																
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>24.0#</td> <td>K-55</td> <td>233'</td> <td>-</td> <td>189cf (160 sx)</td> <td>surface</td> </tr> <tr> <td>7-7/8"</td> <td>4-1/2"</td> <td>10.5#</td> <td>K-55</td> <td>6558'</td> <td>Stg Tool @ 2010'</td> <td>349 cf (137 sx)</td> <td>1500'(TS)</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Stg Tool @ 4609'</td> <td>647 cf (253 sx)</td> <td>2479'(75%)</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Float Collar @ 6540'</td> <td>344 cf (152 sx)</td> <td>5350'(80%)</td> </tr> <tr> <td>Tubing</td> <td>2-3/8" EUE</td> <td>4.7#</td> <td>J-55</td> <td>6490'</td> <td></td> <td>Total 542 sx</td> <td></td> </tr> </tbody> </table> <p style="margin-top: 10px;">Ran 1 jt 2-3/8" tbg, Harbison Fischer Seating Nipple @ 6457', 208 jts. 2-3/8" EUE. 4.7#, J-55 tbg set @ 6490'.</p>		HOLE SIZE	SIZE	WEIGHT	GRADE	DEPTH	EQUIP.	CEMENT	TOC	12-1/4"	8-5/8"	24.0#	K-55	233'	-	189cf (160 sx)	surface	7-7/8"	4-1/2"	10.5#	K-55	6558'	Stg Tool @ 2010'	349 cf (137 sx)	1500'(TS)						Stg Tool @ 4609'	647 cf (253 sx)	2479'(75%)						Float Collar @ 6540'	344 cf (152 sx)	5350'(80%)	Tubing	2-3/8" EUE	4.7#	J-55	6490'		Total 542 sx	
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LOGGING: IE, CDL, Gamma-Collar Perf, Temp. Survey																																																	
PERFORATIONS 6352' - 58', 6390' - 6400', 6410' - 20', 6454' -58', 6492' - 96', Total 80 holes																																																	
STIMULATION: Fraced w/48,000# 40/60 sand and 49,686 gal. treated water. Dropped 4 sets of 16 balls each. Flushed w/4,368 gal. water.																																																	
WORKOVER HISTORY: None																																																	
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PLUG & ABANDONMENT PROCEDURE

Huerfano Unit #244
Basin Dakota
SE Section 19, T-26-N, R-10-W
San Juan Co., New Mexico

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures.

1. Install and test location rig anchors. Prepare blow pit. Comply to all NMOCD, BLM, and MOI regulations.
2. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line. Blow down well and kill with water as necessary. ND wellhead and NU BOP. Test BOP.
3. POH and tally 2-3/8" tubing (209 jts @ 6490'), visually inspect. If necessary then LD and PU 2" workstring.
4. **Plug #1 (Dakota Perfs):** RIH with open ended tubing to 6546'; pump 20 bbls water down tubing. Mix 37 sxs Class B cement and spot balanced plug over Dakota perfs from 6540' - 6300'. POH to 4500' and WOC. RIH and tag cement. Pull above top of cement. Load well with water and circulate clean. Pressure test casing to 500#. POH to 5403'.
5. **Plug #2 (Gallup top):** Mix 12 sxs Class B cement and spot balanced plug from 5403' to 5303'. POH to 3553'.
6. **Plug #3 (Mesaverde top):** Mix 12 sxs Class B cement and spot balanced plug from 3553' to 3453'. POH to 1865'.
7. **Plug #4 (Pictured Cliffs and Fruitland tops):** Mix 30 sxs Class B cement and spot balanced plug from 1865' to 1522'. POH to 985'.
8. **Plug #5 (Kirtland and Ojo Alamo tops):** Perforate 2 holes at 985'. PU 4-1/2 cement retainer and set at 935'. Establish a rate into perforations with water. Mix 110 sxs Class B cement and squeeze 89 sx outside pipe below retainer from 985' to 756', squeeze 4 sx inside pipe below retainer from 985' to 935', then spot 17 sx inside pipe above retainer from 935' to 756'. POH above cement and spot water to 283'. POH with setting tool and LD tubing.
9. **Plug #6 (Surface):** Perforate 2 squeeze holes at 283'. Establish circulation out bradenhead valve. Mix approximately 80 sxs Class B cement and pump down 4-1/2" casing, circulate good cement out bradenhead valve. Shut in well and WOC.

10. ND BOP and cut off wellhead below surface casing. Install P&A marker to comply with regulations. RD, MOL, cut off anchors, and restore location.

Recommended: _____
Operations Engineer

Approval: _____
Production Superintendent

Huerfano Unit #244

CURRENT

Basin Dakota

SE Section 19, T-26-N, R-10-W, San Juan County, NM

Today's Date: 9/22/94

Spud: 3/27/73

Completed: 5/14/73

Nacimiento @
Surface

12-1/4" hole

8-5/8" 24.0#, K-55 Csg set @ 233'
Cmt w/189 cu f (160sx) (Circulated to Surface)

Ojo Alamo @ 806'

Kirtland @ 935'

Fruitland @ 1577'

Pictured Cliffs @ 1815'

Lewis @ 2088'

Chacra @ 2696'

Mesa Verde @ 3503'

Gallup @ 5353'

Dakota @ 6388'

Top of cement @ 1500' (T.S.)

DV Tool @ 2010'
Cmt 3rd stg w/349 cf (137 sx)

Top of cement @ 2479' (Calc, 75%)

DV Tool @ 4609'
Cmt 2nd stg w/647 cf (253 sx)

Top of cement @ 5350' (Calc, 80%)

Ran 209 jts 2-3/8" 4.7#, J-55 tubing set @ 6490'
w/SN 1 jt off bottom @ 6457'

Perforations: 6352' - 6496' (80 holes)

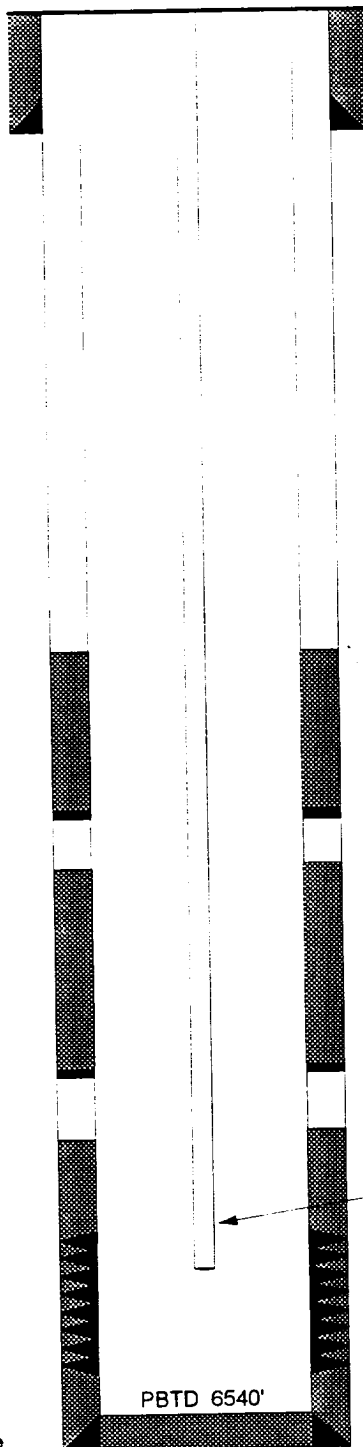
FC @ 6540'

4-1/2", 10.5#, K-55 Csg set @ 6558'
Cmt 1st stg w/344 cf (152 sx)

7-7/8" hole

PBTD 6540'

TD 6558'



Huerfano Unit #244

PROPOSED

Basin Dakota

SE Section 19, T-26-N, R-10-W, San Juan County, NM

Today's Date: 9/22/94
Spud: 3/27/73
Completed: 5/14/73

