

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

1820'FSL, 810'FWL, Sec.21, T-26-N, R-9-W, NMPM

5. Lease Number

SF-078060A

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

Huerfano Unit

8. Well Name & Number

Huerfano Unit #136E

9. API Well No.

30-045-26241

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

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment

Type of Action

☒ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☐ Other -

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut off

☐ Conversion to Injection

13. Describe Proposed or Completed Operations

It is intended to plug and abandon the subject well according to the attached procedure and wellbore diagram.

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

Signed [Signature] (ROS1) Title Regulatory Affairs

(This space for Federal or State Office use)

APPROVED BY _____ Title _____

CONDITION OF APPROVAL, if any:

APPROVED
AS AMENDED

Date NOV 21 1994

DISTRICT MANAGER

PERTINENT DATA SHEET

WELLNAME: Huerfano Unit #136E	DP NUMBER: 53959A PROP. NUMBER: 007970900																																
WELL TYPE: Basin Dakota	ELEVATION: GL: 6413' KB: 6427'																																
LOCATION: 1820' FSL 810' FWL SW Sec. 21, T26N, R9W San Juan County, New Mexico	INITIAL POTENTIAL: AOF 1.500 SICP: March, 1988 700 PSIG																																
OWNERSHIP: GWI: 61.8659% NRI: 46.8529%	DRILLING: SPUD DATE: 06-05-85 COMPLETED: 07-25-85 TOTAL DEPTH: 6607' PBTD: 6582' COTD: 6582'																																
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>24.0#</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# & 11.6#</td> <td>K-55</td> <td>6607'</td> <td>Stg Tool @ 2250' Stg Tool @ 4870' Float Collar @ 6585'</td> <td>1020 cf (630 sx) 583 cf (360 sx) 370 cf (270 sx) <u>Total 1260 sx</u></td> <td>surface 2951'(75%) 5389'(75%)</td> </tr> <tr> <td>Tubing</td> <td>2-3/8" EUE</td> <td>4.7#</td> <td>J-55</td> <td>6465'</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p style="text-align: center;">Saw tooth collar @ 6465', 1 jt 2-3/8", F Nipple @ 6419', 202 jts, 2-3/8" EUE, 4.7#, J-55 tbg set @ 6465'.</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"	24.0#	K-55	233'	-	189cf (160 sx)	surface	7-7/8"	4-1/2"	10.5# & 11.6#	K-55	6607'	Stg Tool @ 2250' Stg Tool @ 4870' Float Collar @ 6585'	1020 cf (630 sx) 583 cf (360 sx) 370 cf (270 sx) <u>Total 1260 sx</u>	surface 2951'(75%) 5389'(75%)	Tubing	2-3/8" EUE	4.7#	J-55	6465'			
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PERFORATIONS 6413', 6415', 6417', 6419', 6421', 6423', 6425', 6445', 6447', 6449', 6451', 6504', 6506', 6508', 6510', 6512', 6514', 6516', 6518', 6520', w/1 SPZ, Total 20 holes.																																	
STIMULATION: Fraced w/36,000# 40/60 sand and 46,580 gal. water. Flushed w/4,200 gal. water.																																	
WORKOVER HISTORY: 12-22-93 to 1-3-94: TOOHH w/tbg. Tag fill @ 6554'. CO 6554' - 82'. Ran DCL. Perf Dakota @ 6566' - 76'. Set pkr @ 6546'. BD w/2500 gal. 15% acid. Load hole w/2% KCL water. Start frac w/foam & gel. SD for communication up backside. Pkr hung up. Cut tbg @ 6480'. Ran guage ring to top of fish @ 6480'. Jar loose, could not go past 6466'. Mill on pkr @ 6486'. Tag collapse csg @ 6512'. Work swedge. Ran CBL. Did not find TOC. TOOHH. Ran 2-3/8" tbg landed @ 6465'.																																	
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PLUG & ABANDONMENT PROCEDURE

Huerfano Unit #136E
Basin Dakota
SW Section 21, T-26-N, R-9-W
San Juan Co., New Mexico
November 11, 1994

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 (203 jts @ 6465', F Nipple @ 6419'), visually inspect. PU and RIH with 4-1/2" casing scraper or gauge ring to top perf at 6413' (Note: On 1-3-94 used swedge at 6512'). POH and LD.
4. **Plug #1 (Dakota Perfs):** PU 4-1/2" cement retainer and set at 6385'; pressure test tubing to 1000#. Mix 38 sx Class B cement and squeeze 30 sx below cement retainer from 6582' to 6385', then spot 8 sx above retainer from 6385' to 6335'. Sting out of retainer and pull above of cement. Load well with water and circulate clean. Pressure test casing to 500#. POH to 5510'.
5. **Plug #2 (Gallup top):** Mix 12 sx Class B cement and spot balanced plug from 5510' to 5410'. POH to 3650'.
6. **Plug #3 (Mesaverde top):** Mix 12 sx Class B cement and spot balanced plug from 3650' to 3550'. POH to 2052'.
7. **Plug #4 (Pictured Cliffs, Fruitland, Kirtland, and Ojo Alamo tops):** Mix 74 sx Class B cement and spot balanced plug from 2052' to 1138'. POH to 283'.
8. **Plug #5 (Surface):** Mix approximately 22 sx Class B cement and spot a balance plug from 283' to surface. POH and LD workstring.
9. 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 #136E

CURRENT

Basin Dakota

SW Section 21, T-26-N, R-09-W, San Juan County, NM

Today's Date: 11/8/94

Spud: 6/5/85

Completed: 7/25/85

Nacimiento @
Surface

12-1/4" hole

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

Ojo Alamo @ 1188'

Kirtland @ 1251'

Fruitland @ 1749'

Pictured Cliffs @ 2002'

DV Tool @ 2250'
Cmt 3rd stg w/1020 cf (630 sx)
(Circulated cmt to surface)

Top of cement @ 2951' (Calc, 75%)

Mesa Verde @ 3600'

DV Tool @ 4870'
Cmt 2nd stg w/583 cf (360 sx)

Top of cement @ 5389' (Calc, 75%)

Gallup @ 5460'

Ran 203 jts 2-3/8", 4.7#, J-55, EUE, tubing set @ 6465',
w/saw tooth collar on bottom, FN 1 jt off bottom @ 6419'

Perforations: 6413' - 6520' (20 holes)
6566' - 6576' (12-27-93)

Dakota @ 6500'

PBTD 6582'

BP @ 6582'

7-7/8" hole

FC @ 6585'

TD 6607'

4-1/2", 10.5# & 11.6#, K-55 Csg set @ 6607'
Cmt 1st stg w/370 cf (270 sx)

Huerfano Unit #136E

PROPOSED

Basin Dakota

SW Section 21, T-26-N, R-09-W, San Juan County, NM

Today's Date: 11/8/94
Spud: 6/5/85
Completed: 7/25/85

Nacimiento @
Surface

12-1/4" hole
283'

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

Plug #5: 283' - Surface,
22 sx Class B Cement

1138'

Ojo Alamo @ 1188'
Kirtland @ 1251'

Plug #4: 2052' - 1138',
74 sx Class B Cement

2052'

Fruitland @ 1749'
Pictured Cliffs @ 2002'

DV Tool @ 2250'
Cmt 3rd stg w/1020 cf (630 sx)
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Top of cement @ 2951' (Calc, 75%)

3550'
3650'

Mesa Verde @ 3600'

Plug #3: 3650' - 3550',
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DV Tool @ 4870'
Cmt 2nd stg w/583 cf (360 sx)

Plug #2: 5510' - 5410',
12 sx Class B Cement

Top of cement @ 5389' (Calc, 75%)

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Gallup @ 5460'

Plug #1: 6582' - 6335',
38 sx Class B Cement
Cement Retainer @ 6385'

Dakota @ 6500'

Perforations: 6413' - 6520' (20 holes)
6566' - 6576' (12-27-93)

PBTD 6582'

BP @ 6582'

FC @ 6585'

7-7/8" hole

TD 6607'

4-1/2", 10.5# & 11.6#, K-55 Csg set @ 6607'
Cmt 1st stg w/370 cf (270 sx)