

submitted in lieu of Form 3160-5

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
BLM

Sundry Notices and Reports on Wells

95 JUN 27 PM 2:14

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  
1180' FNL, 1010' FWL, Sec. 4, T-30-N, R-9-W, NMPM

5. Lease Number  
SF-081098  
6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name

8. Well Name & Number  
Riddle E #2

9. API Well No.  
30-045-26425

10. Field and Pool  
Blanco Pictured Cliffs

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"/> 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 checked="" type="checkbox"/> Other - Workover

13. Describe Proposed or Completed Operations

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

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

Signed [Signature] (LWD5) Title Regulatory Affairs Date 6/27/95

(This space for Federal or State Office use)

APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_

CONDITION OF APPROVAL, if any:

Date **APPROVED**

JUN 29 1995

[Signature]  
DISTRICT MANAGER

NMOCOD

**WORKOVER PROCEDURE -- CLEAN OUT**

**Riddle E #2  
Blanco Pictured Cliffs  
NW/4 Sec. 4, T30N, R9W  
San Juan Co., New Mexico**

1. Strip location for workover rig. Test location rig anchors and repair if necessary.
2. MOL and RU coil tubing unit. Set flow-back tank and frac tank, and NU relief line to flow back tank. Fill frac tank as needed with 1% KCL water.
3. Comply to all NMOCD, BLM, and MOI regulations. Conduct safety meeting for all personnel on location.
4. Test coil tubing BOP's and all surface equipment.
5. Gauge ring ran 11/94 and tagged fill @ 3185'.
6. TIH with Baker Inflatable Hole Hunter (2 7/8", 6.5#) and set @ 2970'. PT casing to 500# psi. (Notify Operations Engineer with test results). Isolate and squeeze any leaks. POH with Hole Hunter.
7. RU Nitrogen unit and test surface lines. TIH with high velocity wash tool to the top of sand and clean out to PBTD (3137') with Nitrogen Foam wash.
8. Pull up hole to 2974' and allow well to flow 2 hours. Go back to bottom to check for fill.
9. If no fill is present and well is flowing, POOH and rig down coil tubing unit.
10. Release coil tubing unit.

Recommended: \_\_\_\_\_  
Operations Engineer

Approval: \_\_\_\_\_  
Production Superintendent

Contacts:                      Operations Engineer                      Larry Dillon                      326-9714

# PERTINENT DATA SHEET

4/17/95

<b>WELLNAME:</b> Riddle E #2	<b>DP NUMBER:</b> 54089A <b>PROP. NUMBER:</b> 012563300																								
<b>WELL TYPE:</b> Blanco Pictured Cliffs	<b>ELEVATION:</b> GL: 6246' KB: 6258'																								
<b>LOCATION:</b> 1180' FNL, 1010' FWL Sec. 4, T-30-N, R-09-W San Juan County, New Mexico	<b>INITIAL POTENTIAL:</b> AOF 605  <b>INITIAL SICP:</b> 748 psig 7/17/85 <b>CURRENT SICP:</b> 241 psig 3/15/93																								
<b>OWNERSHIP:</b> GWI: 100.0000% NRI: 83.5000% SJBT: 0.0000%	<b>DRILLING:</b> SPUD DATE: 6/16/85 COMPLETED: 7/17/85 TOTAL DEPTH: 3152' PBTD: 3140' COTD: 3137'																								
<b>CASING RECORD:</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <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>K55</td> <td>219'</td> <td></td> <td>177 cf</td> <td>Circ to surf.</td> </tr> <tr> <td>7 7/8"</td> <td>2 7/8"</td> <td>6.5#</td> <td>J55</td> <td>3150'</td> <td>8 Rd.</td> <td>565 cf</td> <td>(TS) 1400'</td> </tr> </tbody> </table>		HOLE SIZE	SIZE	WEIGHT	GRADE	DEPTH	EQUIP.	CEMENT	TOC	12 1/4"	8 5/8"	24#	K55	219'		177 cf	Circ to surf.	7 7/8"	2 7/8"	6.5#	J55	3150'	8 Rd.	565 cf	(TS) 1400'
HOLE SIZE	SIZE	WEIGHT	GRADE	DEPTH	EQUIP.	CEMENT	TOC																		
12 1/4"	8 5/8"	24#	K55	219'		177 cf	Circ to surf.																		
7 7/8"	2 7/8"	6.5#	J55	3150'	8 Rd.	565 cf	(TS) 1400'																		
<b>FORMATION TOPS:</b> <table style="width: 100%; margin-top: 10px;"> <tr> <td style="width: 50%;">Ojo Alamo</td> <td style="width: 20%;">1710'</td> <td style="width: 30%;">Cliff House</td> </tr> <tr> <td>Kirtland</td> <td>1835'</td> <td>Menefee</td> </tr> <tr> <td>Fruitland</td> <td>2690'</td> <td>Point Lookout</td> </tr> <tr> <td>Pictured Cliffs</td> <td>3012'</td> <td>Mesa Verde</td> </tr> <tr> <td>Lewis</td> <td></td> <td>Gallup</td> </tr> <tr> <td>Huerfanito Bentonite</td> <td></td> <td>Graneros</td> </tr> <tr> <td>Chacra</td> <td></td> <td>Dakota</td> </tr> </table>		Ojo Alamo	1710'	Cliff House	Kirtland	1835'	Menefee	Fruitland	2690'	Point Lookout	Pictured Cliffs	3012'	Mesa Verde	Lewis		Gallup	Huerfanito Bentonite		Graneros	Chacra		Dakota			
Ojo Alamo	1710'	Cliff House																							
Kirtland	1835'	Menefee																							
Fruitland	2690'	Point Lookout																							
Pictured Cliffs	3012'	Mesa Verde																							
Lewis		Gallup																							
Huerfanito Bentonite		Graneros																							
Chacra		Dakota																							
<b>LOGGING:</b> GR-CCL; Ind. Log; Density Dual Spaced Neutron Log; TS																									
<b>PERFORATIONS</b> 3024', 3032', 3038', 3044', 3050', 3059', 3067', 3075', 3096', 3118. (Total of 10 holes)																									
<b>STIMULATION:</b> 65,000# 10/20 sand, 74,810 gal. water																									
<b>WORKOVER HISTORY:</b> None.																									
<table style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <b>PRODUCTION HISTORY:</b> <table style="width: 100%; margin-top: 5px;"> <tr> <td style="width: 30%;"></td> <td style="width: 10%; text-align: center;"><u>Gas</u></td> <td style="width: 10%; text-align: center;"><u>Oil</u></td> </tr> <tr> <td>Cumulative as of 1995:</td> <td style="text-align: center;">459.MMcft</td> <td style="text-align: center;">0 bo</td> </tr> <tr> <td>Current:</td> <td style="text-align: center;">31 Mcf/m</td> <td style="text-align: center;">0 bo</td> </tr> </table> </td> <td style="width: 50%; vertical-align: top;"> <b>DATE OF LAST PRODUCTION:</b> <table style="width: 100%; margin-top: 5px;"> <tr> <td style="width: 30%;"></td> <td style="width: 10%; text-align: center;"><u>Gas</u></td> <td style="width: 10%; text-align: center;"><u>Oil</u></td> </tr> <tr> <td>1- 95</td> <td style="text-align: center;">31 Mcf</td> <td style="text-align: center;">0 bo</td> </tr> </table> </td> </tr> </table>		<b>PRODUCTION HISTORY:</b> <table style="width: 100%; margin-top: 5px;"> <tr> <td style="width: 30%;"></td> <td style="width: 10%; text-align: center;"><u>Gas</u></td> <td style="width: 10%; text-align: center;"><u>Oil</u></td> </tr> <tr> <td>Cumulative as of 1995:</td> <td style="text-align: center;">459.MMcft</td> <td style="text-align: center;">0 bo</td> </tr> <tr> <td>Current:</td> <td style="text-align: center;">31 Mcf/m</td> <td style="text-align: center;">0 bo</td> </tr> </table>		<u>Gas</u>	<u>Oil</u>	Cumulative as of 1995:	459.MMcft	0 bo	Current:	31 Mcf/m	0 bo	<b>DATE OF LAST PRODUCTION:</b> <table style="width: 100%; margin-top: 5px;"> <tr> <td style="width: 30%;"></td> <td style="width: 10%; text-align: center;"><u>Gas</u></td> <td style="width: 10%; text-align: center;"><u>Oil</u></td> </tr> <tr> <td>1- 95</td> <td style="text-align: center;">31 Mcf</td> <td style="text-align: center;">0 bo</td> </tr> </table>		<u>Gas</u>	<u>Oil</u>	1- 95	31 Mcf	0 bo							
<b>PRODUCTION HISTORY:</b> <table style="width: 100%; margin-top: 5px;"> <tr> <td style="width: 30%;"></td> <td style="width: 10%; text-align: center;"><u>Gas</u></td> <td style="width: 10%; text-align: center;"><u>Oil</u></td> </tr> <tr> <td>Cumulative as of 1995:</td> <td style="text-align: center;">459.MMcft</td> <td style="text-align: center;">0 bo</td> </tr> <tr> <td>Current:</td> <td style="text-align: center;">31 Mcf/m</td> <td style="text-align: center;">0 bo</td> </tr> </table>		<u>Gas</u>	<u>Oil</u>	Cumulative as of 1995:	459.MMcft	0 bo	Current:	31 Mcf/m	0 bo	<b>DATE OF LAST PRODUCTION:</b> <table style="width: 100%; margin-top: 5px;"> <tr> <td style="width: 30%;"></td> <td style="width: 10%; text-align: center;"><u>Gas</u></td> <td style="width: 10%; text-align: center;"><u>Oil</u></td> </tr> <tr> <td>1- 95</td> <td style="text-align: center;">31 Mcf</td> <td style="text-align: center;">0 bo</td> </tr> </table>		<u>Gas</u>	<u>Oil</u>	1- 95	31 Mcf	0 bo									
	<u>Gas</u>	<u>Oil</u>																							
Cumulative as of 1995:	459.MMcft	0 bo																							
Current:	31 Mcf/m	0 bo																							
	<u>Gas</u>	<u>Oil</u>																							
1- 95	31 Mcf	0 bo																							
<b>PIPELINE:</b> EPNG																									

## Riddle E #2

Current -- 3/23/95

DPNO: 54089A  
Blanco Pictured Cliffs

1180' FNL, 1010' FWL  
Sec. 4, T30N, R09W, San Juan Co., NM

Spud: 06-16-85

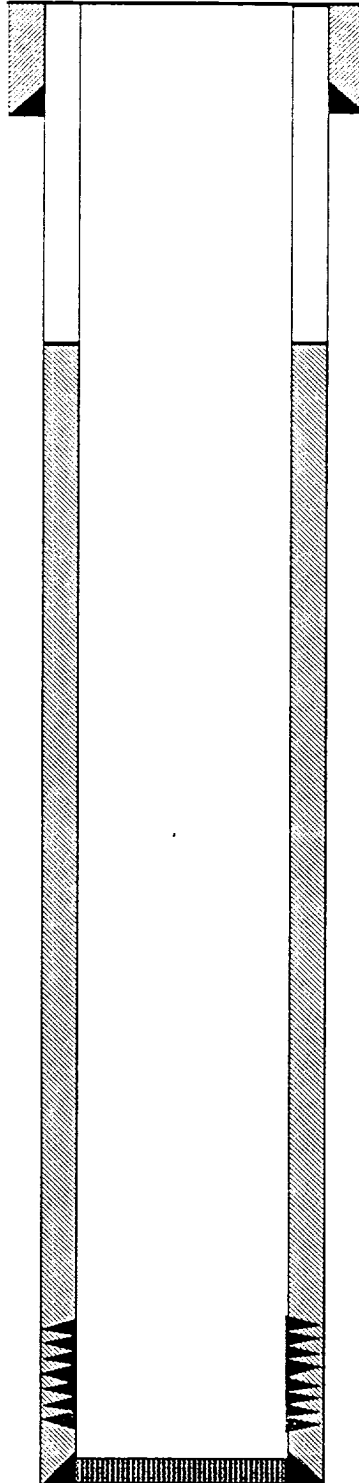
Completed : 07-17-85

RECEIVED  
BL

95 JUN 27 PM 2:14

300 FARMINGTON, NM

8 5/8" 24# J55 Surface Csg. set  
@ 219'. Cmt. w/177 cf cmt.



TOC @ 1400' (TS)

Ojo Alamo @ 1710'

Kirtland @ 1835'

Fruitland @ 2690'

Pictured Cliffs @ 3012'

Perfs @ 3024', 3032', 3038', 3044',  
3050', 3059', 3067', 3075', 3096', 3118'.  
(Total of 10 holes)

2 7/8", 6/5#, J55 8rd csg. set @ 3150'  
Cmt. w/565 cf. TOC @ 1400' (TS).

PBTD @ 3141'

TD @ 3150'