

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 20045. Lease Serial No.
Jicarilla Contract 4581a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Otherb. Type of Completion: ☐ New Well ☒ Work Over ☐ Deepen ☐ Plug Back ☒ Diff. Resv. 10 3
Other Horizontal

2. Name of Operator

Mallon Oil Co., an indirect wholly-owned subsidiary of Black Hills E & P, Inc.

3. Address

350 Indiana Street, Suite 400 Golden, CO 80401

3a. Phone No. (include area code)

720-210-1308

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface 1640' FNL & 790' FEL (SENE) Unit H

At top prod. interval reported below 1640' FNL & 790' FEL (SENE) Unit H

At total depth 660' FNL & 660' FWL

14. Date Spudded

2/8/2000

15. Date T.D. Reached

2/15/2000

16. Date Completed

☐ D & A ☒ Ready to Prod.

10/22/2004

18. Total Depth: MD 6771'
TVD 4000'19. Plug Back T.D.: MD
TVD20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

GR-HRI, GR-SDL-DSN

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8"	24	0	278'		140 sx III			
7-7/8"	5-1/2"	15.5	0	4175'		1550 sxs			
						50/50 poz			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-3/8"	4078'							

25. Producing Intervals

Formation	TOP	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Pictured Cliffs	3901'	6771'				
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
6/22/04	6/22/04	24	☐		1458	60			Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
3/64		890	☐					Producing	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			☐						
Choke Size	Tbg. Press. Flwg. SI	Call Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			☐						

(See instructions and spaces for additional data on next page)

NMOCD

RECEIVED
070 FARMINGTON N.M.OCT 2004
RECEIVED
OIL & GAS DIV.
LST. 3OCT 20 2004
RECEIVED
BLM
ALBUQUERQUE, N.M.

ACCEPTED FOR RECORD

OCT 12 2004

FARMINGTON FIELD OFFICE
BY

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			☐						
Choke Size	Tbg Press Flwg. SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			☐						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			☐						
Choke Size	Tbg Press Flwg. SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			☐						

29. Disposition of Gas (Sold used for fuel, vented, etc.)

Sold

30. Summary of Porous Media (Include Aquifers)

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				San Jose	1689
				Nacimiento	2361
				Ojo Alamo	3344
				Kirtland	3560
				Fruitland	3851
				Pictured Cliffs	3926
				Lower Pictured Cliffs	4022

32. Additional remarks (include plugging procedure):

Whipstock set at 3902'.

33. Circle enclosed attachments:

1 Electrical/Mechanical Logs (1 full set req'd.)

2 Geologic Report

3 DST Report

4 Directional Survey

5 Mundry Notice for plugging and cement verification

6 Core Analysis

7 Other

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Allison Newcomb

Title Engineering Technician

Signature

Allison Newcomb

Date 9/16/04

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212 make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false fictitious or fraudulent statements or representations as to any matter within its jurisdiction.