

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.  
MDA 701-98-0013 Tract 41a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry Otherb. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.

Other

2004 OCT 7 PM 3 43

2. Name of Operator

Mallon Oil Co., an indirect wholly-owned subsidiary of Black Hills E &amp; 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 1740' FSL &amp; 2140' FEL (NWSW) Unit J

At top prod. interval reported below 1740' FSL &amp; 2140' FEL (NWSW) Unit J

At total depth 1740' FSL &amp; 2140' FEL (NWSW) Unit J

14. Date Spudded

3/15/2004

15. Date T.D. Reached

3/22/2004

16. Date Completed

☐ D & A☒ Ready to Prod.

7/30/2004

18. Total Depth: MD

TVD 3820'

19. Plug Back T.D.: MD

TVD

20. Depth Bridge Plug Set: MD

TVD 3244'

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

GR/CCL/CBL, LSS, SDL/DSN, HRI

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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12 1/4	8 5/8	24	0	245'		175 & III		surface;	
								circ 13bbl	
								to surface	
7 7/8	5 1/2	15.5	0	3820'		900 sxs		surface;	
								circ 90bbl	
								to surface	

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	2375'							

25. Producing Intervals

Formation	TOP	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Ojo Alamo	3296'	3357'	3296-98,3305-9,13-18,28-31,45-47	.53-.57; 4		Abandoned
B) Nacimiento	2446'	3008'	2446-60,2556-68,2570-76,2976-86	3002-.08; 2		Producing
C) San Jose	1364'	1423'	1364-1368,1374-1376,1419-1423	2		Producing
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
1364'-1423	60Q green lightning-18. 60% Mitchell qual. Foam. 25,980lbs. of 20/40 brady sand& 4,000 lbs. of flexsand is at 1-6 ppg stages. 99.1 mscf N2.
2446'-3008'	50Q N2 Foam/Ambomax 1015.50% mitchell qual foam w/60,040lbs of 20/40 brady sand at 1-3lb stg. 30,040 lbs of super LC sand at 3-4 stg. 391.3N2
3296'-3357'	50Q Foam/Ambomax 1015.50% mitchell qual. 59,100lbs of 20/40 brady sand & 17,020 lbs. of super LC at 1-4 ppg stages. 163.1 mscf N2.

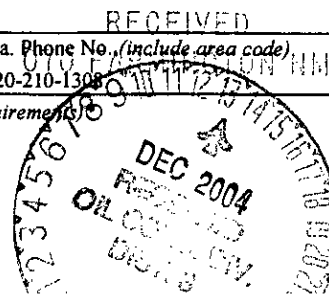
28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
8/18/04	8/26/04	24	<input type="checkbox"/>		147.7				Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			<input type="checkbox"/>					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
			<input type="checkbox"/>						
Choke Size	Tbg. Press. Flwg. SI	Call Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			<input type="checkbox"/>						

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

ACCEPTED FOR RECORD  
DEC 9 2004

## 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
			<input type="checkbox"/>						
Choke Size	Tbg Press Flwg. SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			<input type="checkbox"/>						

## 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
			<input type="checkbox"/>						
Choke Size	Tbg Press Flwg. SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			<input type="checkbox"/>						

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

Sold

## 30. Summary of Porous Zones (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
				Nacimiento	2161'
				Ojo Alamo	3367'
				Kirtland	3474'
				Fruitland Coal	3648'
				Pictured Cliffs	3712'
				Lewis	3801'

## 32. Additional remarks (include plugging procedure):

## 33. Circle enclosed attachments:

- 1 Electrical/Mechanical Logs (1 full set req'd.)    2 Geologic Report    3 DST Report    4 Directional Survey  
 5 Sundry 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 8/31/2004

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.