Form 3160-4 (September 2001)

(See instructions and passes for additional data as part page)

UNITED STATES DEPARTMENT OF THE INTERIOR

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FORM APPROV	ED
OMB NO. 1004-0	
Expires: January 31	200

BUREAU OF LAND MANAGEMENT											OMB NO. 1004-0137 Expires: January 31, 2004 5. Lease Serial No. Jic 459						
WELL COMPLETION OR RECOMPLETION REPORT AND LOG																	
la. Type of Well Oil Well Gas Well Dry Other												6. If Indian, Allottee or Tribe Name					
b. Type of Completion: New Well Work Over Deepen Plug Back Diff. Resvr.											Jicarilla Apache						
o. Type of Completion. I frew well (A) work Over (I) Deepen (I) Plug Back (I) Diff. Resvr.										-	7. Unit or CA Agreement Name and No.						
Other												- N/A					
2. Name of Operator											<u> </u>	8. Lease Name and Well No.					
Mallon Oil Company, an indirect wholly-owned subsidiary of Black Hills Exploration and Production, I										'		la 459 #4	u 11 011	110.			
3. Addre			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,							clude area	code)			Vell No.			
350 Inc	liana Street	, Suite	400, Go	olden, Co	O 80401				10-1300			` , '					
		`				ccordance w	ith Federal				-		30-039				
		, <i>I</i>						2	(D =	APRO	500			and Pool,	-		у
At su	face 790	FNL a	nd 185	0' FEL (NWNW) L	Init B		1	4	,	• •			Ilanco; Pic			
									,			1	1. Sec.,	T., R., M	., on E	slock a	nd Surve
At to	prod. inte	rval rep	ortea b	elow 7	90' FNL an	d 1850 FEL	(NWNW) (Unit B	 					rea 19, T30			
									gar Barting			, 1	12. County or Parish 13. State				te
At tot	al depth									<u> </u>			Rio Arriba NM				
14. Date	Spudded			15. Date	T.D. Rea	ched		16. Date C				1	7. Eleva	tions (DF	RKB,	, RT, G	L)*
									&A [Ready t	o Prod.						
10/28				11/:	2/88			<u> </u>		r			7143'	GL			
18. Total			55'		19.	Plug Back T				20. Dept	h Bridge l	Plug Se					
		CVD					TVD						T\				
21. Type I	Electric & (Other M	1echani	cal Logs	Run (Sub	mit copy of e	ach)			22. Was			☑ No	=		mit ana	• .
Existi	ng									Į	DST run		☐ No			mit repo	
										Dire	ctional Su	ırvey?	☑ No	Ŭ Ye	s (Subi	mit cop	y)
23. Casing	g and Line	r Reco	rd (Rep	ort all st	rings set in	well)			,								
Hole Size	Size/G	rade	Wt. (#/	ft.)	Гор (MD)	Bottom (MD) Sta	ge Cementer Depth		of Sks. & of Cement	Slurry (BB		Cement Top*		1	Amount	Pulled
Existing		1															
	1																
·																	***************************************
24. Tubing	Record																
Size		Set (N	(D) I p	acker D	epth (MD)	Size	Den	th Set (MD)	Packer	Depth (MD)	Si	7e	Denti	Set (MD)	Pa	cker De	pth (MD)
2-3/8"	1 200	3084'	/ ·		85'	5.20	- 50	001 (1.12)	T WORKET	ovput (b)	, D1		Dop.	. Bot (MB	/ 1 "	- De	pen (1412)
25. Produc	ing Interv			30	0.5	<u> </u>	26	Perforation	Record								
23. 1 Todac	Formatic			1 -	COD	Bottom	- 20.				Cimo	No. I	Talaa		Do-f	Ctatus	
A \ 50				TOP				Perforated Interval		Size		No. I	toles	Perf. Status			
A) Pictured	Cliffs			3	750'	3840'			2					<i>y</i>			
B)				ļ													
C)				<u> </u>													
D)				<u> </u>													
27. Acid,	Fracture, T	reatmer	nt, Cem	ent Squ	eeze, Etc.												
]	Depth Inter	val		<u> </u>				A	mount ar	nd Type of I	Material						
				İ													
28 Produ	ction - Inte	rval A		J	·	 		<u> </u>									
Date First	Test	Hours	Te	st	Oil	Gas	Water	Oil Grav	itv	Gas	Pro	duction 1	Method				
Produced	Date	Tested	Pro	oduction	BBL	MCF	BBL	Corr. AF		Gravity							
1/24/89	6/5/03	6			0	826	9					ving					
Choke	Tbg. Press.			Hr.	Oil	Gas	Water	Gas: Oil		Well Statu	s					-	08
Size	Flgw. SI	Press	Ra	[C]	BBL	MCF	BBL	Ratio		1						_	BECO.
				Ш	<u> </u>					Producin	g		···			$-\epsilon_{O_S}$	<u> </u>
28a. Produ					T						· · · · · · · · · · · · · · · · · · ·				1792	<u>n</u>	8 700
Date First Produced	Test Date	Hours Tested	Te	st oduction	Oil BBL	Gas MCF	Water BBL	Oil Grav Corr. AP		Gas Gravity	Proc	luction N	lethod	· PC	ÇV.		8 .700
			' ' '			1		. 3011. 711	•					*		, DR	
Choke	Tbg. Press.	Call	24	Hr.	Oil	Gas	Water	Gas: Oil		Well Stati	ıs					77	
Size	Flwg.	Press	Ra		BBL	MCF	Water BBL	Ratio		1							
	SI	1	1		1	1	1	1		1							

28b. Produ	ction - Inte	rval C											
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	4.			
Choke Size	Tbg Press Flwg. Sl	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	Well Status				
28c. Produ	ction - Inte												
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	Thg Press Flwg. SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status					
29. Dispos	ition of Ga	s (Sold use	d for fuel, v	ented, etc	:.)								
Show tests,	all import	ant zones	Include Aquof porosity a al tested, cu	nd conte	nts thereof: (d, time tool o	Cored interva	als and all drill-stem and shut-in pressure	1 .	ion (Log) Markers				
Form	ation	Тор	Bottom		Desci	iptions, Cont	ents, etc.		Name				
Ojo A	Ojo Alamo 3182 343					water			Ojo Alamo	3182			
Kirt	land	3431	3700			water			Kirtland	3431			
Fruitlar	Fruitland Coal 3700				n	atural gas & v	vater	İ	Fruitland 3700				
Picture	d Cliffs	3748	4165	ocedure):		natural gas	•		Pictured Cliffs	3748			
1 Ele 5 Sun	ndry Notice	hanical Lo	gs (1 full set	t verifica	tion 6 (Geologic Repo Core Analysis complete and c	7 Other:		Directional Survey able records (see attached in	structions)*			
Name	(please prin	nt) Allison 1	Newcomb			1	Title Engineeri	ing Technician					
Signat	ure <u>U</u>	llw	Du -	1 Je	WW	mb	Date 2/11/04						
Title 18 U.	S.C. Section	n 1001 and	Title 43 U	S.C. Sect	tion 1212 ma	ke it a crime	for any person know	vingly and will	fully to make to any departs	ment or agency of the United			

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.