Form 3160-4 (September 2001)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 200

5. Lease Serial No.

WELL	COMPL	FTION	OR	RECOMPL	FTION	REPORT	AND I	bo
**	COMMIT E		\mathbf{v}	IVECOIAL F		IVE! OIV!		Ψ·

													MD	A 701-	98-0013		
la. Type o	of Well		il Well	$\overline{\mathbf{M}}$	Gas Well	Dry Oth	er						6	. If Inc	lian, Allot	tee (or Tribe Name
b. Type of Completion: New Well Work Over Deepen Plug Back Diff. Resvr.									Jicarilla Apache Tribe								
Other									7	7. Unit or CA Agreement Name and No.							
2. Name o	of Operator												242				
Mallon Oil Company, an indirect wholly-owned subsidiary of Black Hills Exploration & Production										[]	8. Lease Name and Well No.						
3. Address 3a. Phone No. (include area code)												Jicarilla 29-02-33 No. 1					
350 Indiana Street, Suite 400, Golden, CO 80401 720-210-1308											1	9. API Well No.					
4. Location of Well (Report location clearly and in accordance with Federal requirements)*											30-039-26105						
											10. Field and Pool, or Exploratory East Blanco, Pictured Cliffs Ext.						
At surface 752' FNL & 1792' FEL (NE/NW) Unit B																	
At top prod. interval reported below 752' FNL & 1792' FEL (NE/NW) Unit B										1	11. Sec., T., R., M., on Block and Survey or Area Sec. 33, T29N-R02W						
At top prod. Interval reported below 732 FINE & 1792 FED (INE/INW) UNIT B										12	12. County or Parish 13. State						
₹ At tot	al depth 7	52' FNI	L & 179	2' FEL	(NE/NW)	Unit B							i	Arriba	•		NM
	Spudded	 			ite T.D. Rea			16. Dat	e Co	mpleted			1.			RI	
. T. Date	Spauded		Ì	. J. Da		vvu			D&	ta 🔽	Ready to	Prod	1	17. Elevations (DF, RKB, RT, GL)*			
9/28/2001				0/9/20	001					11_	-18-	0/2	724	5' GL,	7257' KB		
18. Total	Depth: M				19.	Plug Back T.D				7.7	20. Dept	n Bridge	Plug Set		1D		
21 5			925' KB					D 3878' KE							VD T	<u> </u>	
21. Type E	Electric & ()ther N	1echani	cal Log	gs Run (Sub	mit copy of eacl	1)					well co		A N			Submit analysis)
Telefa t 91	o Dongit	A	Induce! -	n CD//	Gamma D							DST ru		У У по			Submit report) Submit copy)
					Gamma Ray strings set in					i	Dire	- HOHAL S	out vey!	1/1	<u>' 1 </u>	-3 (3	ruomin copy)
							Si	lage Cemen	ter	No. o	f Sks. &	Sluri	y Vol.	Com	ant Ton*	Т	Amount Pulled
Hole Size	ole Size Size/Grade Wt. (#/		Wt. (#/	ft.) Top (MD) Bottom (MD)		Depth		Type o	f Cement		(BBL)		Cement Top*		Amount Funeu
12 1/4	8 5/8	B	24	0		273.57				140) & III	29	bbls	surface;			
														ci	rc 5bbls	$oldsymbol{ol}}}}}}}}}}}}}}}$	
														to surface		\perp	
7 7/8	5 1/2	2	17		0	3921'				850	£ 50/50			surface;		丄	
	·						_ _			poz	w/Bent			ci	rc 15bbl	\bot	
														to	surface	丄	
24. Tubing																	
Size	Depth	Set (N	MD) P	acker	Depth (MD)	Size	D	epth Set (MI)) [Packer I	Depth (MD)		ize	Dep	th Set (MI))	Packer Depth (MD
2 7/8		3465'		3	3465'	<u> </u>	4		Ц.			<u> </u>		Ш			
25. Produc	ing Interv						- 2	6. Perforat							Γ		0.0
A \	Formatio	n		TOP Bottom 3528' 3548'							Size	No. Holes Perf. Status					
A) Pictured	Cliffs				3528'	3528	3528'-3548'			2 jspf 40							
B) C)				 								+		 			
D)				 							- -		+		-		
	Fracture, T	reatmo	nt Cam	ent So	ueeze Etc	L							L		L	—	
	Depth Inter		in, cem	l sq	uceze, Etc.			·····	An	nount an	d Type of N	(aterial					
3528'-3548'				Frac w	/ 70 Michell o	juality N2/Amborn	nax 101	5 foam 4 193					vn Bradu e	and 1-4	Ih concentre	tion	art froil (into
				· · · · · · · · · · · · · · · · · · ·		d, 1-3 lb stages and					5_0 103. Of ZC	. 10 110	3	1-4	concentra		370 TO
						-, · · · · · · · · · · · · · · · · · · ·									76	- 1,5 -	
	·			T											18	<u> </u>	FEB 2004
28. Produ	ction - Inte	rval A											-				Filtra and the same
Date First Produced	Test Date	Hours				Gas Gravity		oduction N	1ethod	ुँ	7	THE R P. LEWIS CO.					
11000000	Date Tested			roduction BBL				1	. 1201		Gravity	Gravity		owing OF CONS. DIV.			
Choke	11/18/03 24 Tbg. Press. Csg.			Hr. Oil		Gas 177	Water	14 ter Gas: Oil			Well Statu				00 m/ 11 · 30		
Size Figw. Press Ra					Ratio				12 x 20								
3/4	<u> </u>					<u> </u>					Waiting	n Pipel	ine			<u>~</u>	687 1 1 Sup
	ction - Inte		· · · · · · · · · · · · · · · · · · ·		1	1.		····			·						Janes
Date First Produced	Test Date	Hours Tested		st oduction	Oil BBL		Water BBL	Oil Gravity Corr. API			Gas Gravity	Pr	Production Method			-	
							•										
Choke	Tbg. Press	Call Press		Hr.	Oil	Gas	Water	Gas			Well Statu	s L					
Size	Flwg. SI	l ress	Ra	te	BBL	MCF	BBL	Ratio	ı		1						
	L	<u> </u>												,			

28b. Produ	ction - Inter	val 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. Sl	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status						
28c. Produ	ction - Inter	val D												
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method vity					
Choke Size	Thg Press Flwg. SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status						
=	ition of Gas	(Sold use	ed for fuel, v	ented, etc.)		· · · · · · · · · · · · · · · · · · ·							
Sold 30. Summa	ary of Poro	us Zones (Include Aqu	nifers):				31. Format	tion (Log) Markers					
Show tests,	all import	ant zones	of porosity	and conten	ts thereof: (Cored interval pen, flowing a	s and all drill-ste nd shut-in pressu	em	. 3					
Form	ation	Тор	Bottom		Desc	riptions, Conte	nts etc		Name Top					
			Bottom				, 010.			Meas. Depth				
									San Jose	~surface				
									Nacimiento	2036'				
	İ								Ojo Alamo	3021'				
	:								Creteceous	3434'				
									Fruitland Coal Pictured Cliffs	3492' 3524'				
									Lewis	3642'				
	ļ								Lewis	3042				
32. Additi	onal remari	ss (include	plugging pr	ocedure):										
1 Ele		hanical Lo	: ogs (1 full se ng and ceme			Geologic Repor	rt 3 DST 7 Other	•	Directional Survey					
34 here!	by certify th	at the fore	e has oning	tached info	ormation is	complete and a	orrect as determine		lable records (see attached in					
				.caerieu IIII	Amation IS	complete and C			rapic records (see attached in	Structions)**				
Name	(please pri	Allison		\sim			Title Engine	ering Technician						
Signat	ure		מש	1 Jeu	scon	nb	Date 2/10/20	004						

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.