Form 3160-4 (September 2001)

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

WELL	COMPL	ETION (	OD DEC	OMDI	ETION	RFPORT	ANDI	$\Omega G$
VV I- I I	COMPL	EHUNG	UR REG	UNNE	PIRON	REPURI	ANIJ I	·UU

FORM APPROVED OMB NO. 1004-0137 Expires: January 31, 2004 5. Lease Serial No. MDA 701-98-0013 6. If Indian, Allottee or Tribe Name

• •	of Well of Complet				ias Well L Well □ 1	௶ Dry O Vork Over	ther Deen	.n. []] Plı	ua Back	☐ Diff	Recur	1		nan, Anotte ache Tribe	c or into	e Harric
о. туре с	n Complet	ion.			Well	VOIR OVEI	Бесре		ng Dack		I ICCS VI				ement N	ime and No.
2. Name o	f Onerator		Oti	her									287			
	•												8. Lease	Name and	l Well No	
Black Hills Exploration & Production dba Mallon Oil Company  3. Address  3a. Phone No (include area) code)										<b></b>	-Jicarilla 29-02-08 No. 3					
350 Indiana St., Suite 400 Golden, CO 80401 720-210-1308											9. API Well-No.					
											30-039-26664 - 26863 10. Field and Pool, or Exploratory					
4. Locatio	nor wen	Kepori	iocuno	n cienn	y ana in acc	orumee win	i i ettertii r	equirements	st f	FEB 20	<b>'</b>	60.23				atory
At sur	face 705'	FNL a	nd 1780	FEL (	NW/NE) Un	it B		E	$C_{ij}$		Uq	( (1)		Pictured Cli		
A 4 4	بدوسة الدسسا	1		.1 7	0515511 . 1	17001 FFT ()	MATES II	nit B (の				- 25 I	1. Sec.,	T., R., M.	, on Bloc	k and Survey
Attop	prou. inter	rvai rep	ortea be	210W /1	US FNL and	1780' FEL (N	NW/NE) U	ULB CO		187 E	مع الما أل	<i>S</i> ]	2.0	rea Sec. 8, T	29N-R02V	Chaha
At total depth 705' FNL and 1780' FEL (NW/NE) Unit B										4.0	<			ty or Parish		State
								Rio Arriba  16. Date Complete C 7 1 17. Elevations (DF, RK					NM DVD D7	<del></del> -		
14. Date Spudded   15. Date T.D. Reached   16. Date Con										Ready	Prod	<u>,</u> '	/. Elevi	mons (Dr,	KKB, KI	, GL)
5/30/2003 6/6/2003 7-29-03										<b>4</b> 1	66' GL, 7	7379' KB				
18. Total	Depth: M	1D			19. P	lug Back T.	D.: MD			20. Dept	h Brid	ge Plug Se		D		
		VD 38					TVD						TVD			
21. Type E	Electric & C	Other M	1echanic	al Logs	s Run (Subm	it copy of eac	ch)			22. Was			Mo No	=	(Submit	• .
						2					DST		No	_=	(Submit	
					Spaced Neu rings set in w					Dire	ctiona	Survey?	<b>☑</b> No	Yes	(Submit	copy)
							Stage	e Cementer	No.	of Sks. &	Sh	rry Vol.	Carr	ant Tor*		ount Dullad
Hole Size							of Cement (BBL)			Cement Top* Amoun		ount Pulled				
12 1/4	8 5/8	В	23lbs		273.65							10				
7 7/8	5 1/2	2	15.5 lb	s		3858.17				900		237.4				
											<u> </u>					
24. Tubing																
Size	Depth	Set (N	(D) Pa	acker D	epth (MD)	Size	Deptl	Set (MD)	Packer	Depth (MD	<u> </u>	Size	Dept	h Set (MD)	Packer	Depth (MD)
2 7/8		3552'	ŀ	35	53'											
25. Produc	Ing Interva					<b>.</b>	26. 1	Perforation			<u></u>	T			D 0.0:	
4) 5:		11		TOP		Bottom		Perforated Interval		Size		<del></del>	No. Holes		Perf. Status	
A) Pictured B)	Cliffs				678'	3695'	3	678'-3688'; 36	90'-3695' 4 jspf				0			
C)																
D)							+					<del>-</del>		***** ***	0	
27. Acid, 1	Fracture To	reatme	nt Ceme	ent Sau	eeze Etc	·									<del>~~</del>	
<del></del>	Depth Inter		III, COIII	one oqu	0020, Etc.			Aı	mount a	nd Type of	Materia	.]		1.4	8	
3678'-3695'				Frac w/	65 quality foar	n, 375,100 scf	of N2, 40,88							4 mg 44	1	
						, , , , , , , , , , , , , , , , , , , ,				-, <b>pp</b>				 		
					5.00 · · · · · · ·		······································	······································						<u> </u>		
					į											* -
	ction - Inter													FIL	4.4	
Date First Produced	Test Date	Hours Tested	Tes Pro	t duction	Oil BBL	Gas MCF	Water BBL	Oil Grav Corr. AP		Gas Gravity		Production 1	Method	# 7/2	<del>~</del>	
8/1/03	7/29/03	24		П	0	119	12		N/A	N/A	,    -	lowing		41.7 year 44.4 °	400.0	CORD
Choke	Tbg. Press.	Csg.	24		Oil	Gas	Water	Gas: Oil		Well Statu					-08	KE
Size	Flgw. SI	Press	Rate	,   	BBL	MCF	BBL	Ratio						-n <sup>4</sup>	LED FO.	4000
3/8" 28a. Produ	20	tval B		Ц_	L	I	<u></u>			Producin	g			- KCCFA	·	RECORD NO.
Date First	Test	Hours	Tes	it	Oil	Gas	Water	Oil Gravi	itv	Gas		Production M	dethod	•	<del>- 6EB</del> -	
Produced	Date	Tested		duction	BBL	MCF	BBL	Corr. API		Gravity	]				-	
4.35	The b	Call		Ц_	07		11/-4	0.0		-   <u>-</u>	1					
Chake Size	Tbg. Press.	Call Press	24 f Rat		Oil BBL	Gas MCF	Water BBI.	Gas: Oil Ratio		Well Stat	us					
	SI			П		ļ										
10 1						*				,				······································		e e van e e e e e e e e e e e e e e e e e e e

28b. Produ	ction - Inter	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				
Choke Size	Tbg Press Flwg. Si	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status					
28c. Produ	ction - Inter	rval D		1.,	_1								
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Gas Production Method Gravity				
Choke Size	Thg Press Flwg. S1	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status					
•	tion of Gas	(Sold use	d for fuel, v	ented, etc.)	)								
Sold  30. Summary of Porous Zones (Include Aquifers):									31. Formation (Log) Markers				
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 (EGE) Markets				
Forma	ition	Тор	Bottom		Descr	iptions, Cont	ents, etc.		Name Top Meas. Depth				
									San Jose	surface			
									Nacimiento	2280'			
				1				1	Ojo Alamo	3130'			
									Kirtland	3518'			
				1					Pictured Cliffs	3678'			
				1					Lewis	3787'			
	]			•									
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	1			1									
	ĺ												
				<u> </u>				<u> </u>					
32. Additio	onal remark	s (include	plugging pro	ocedure):									
			·····										
33. Circle 6	enclosed at	tachments:											
			gs (1 full set			eologic Repo		port 4 D	irectional Survey				
5 Sun	dry Notice	for pluggin	g and cemer	it verificati	on 6 C	ore Analysis	7 Other: _		And a distribution of the second of the seco				
34. I hereb	y certify th	at the foreg	going and at	ached info	rmation is co	omplete and	correct as determined	from all availa	ble records (see attached instru	ctions)*			
Name (	(please prii	it) Allison N	Newcomb				Title Engineerin	ng Technician					
<b>6</b> 1	1	00,00	יות ב	n.,.	10 Mm	b							
Signate		n 1001 and	1 Title 43 II	S.C. Secti	on 1212 mg	ke it a crima	Date 9/22/2003		fully to make to any departmen	t or agency of the United			
States any i	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.												

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