Form 3160-4 (August 1999)

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

FORM APPROVED

OMB NO. 1004-0137 Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG												5.	5. Lease Serial No. MDA 701-98-0013 Tract 4				
													<u> </u>				
1a. Type of Well Oil Well Gas Dry Other									6. If Indian, Allottee or Tribe Name								
b. Type of	Completion	:		New Work Over Deepen Plug								Jicarilla Apache Tribe 7. Unit or CA Agreement Name and No.					
			Othe	r	This is	part of th	<u>re P</u>	ermit (<u>Clě</u> án-			or Black	٠.	Unit or C	A Agreei	nent N	ame and No.
2. Name of	Operator									RI	ECEIV	'ED	8.	Lease Na	me and V	Vell No).
Black Hills Gas Resources, Inc. c/o Mike Pippin LLC (Agent) GTONEN											[r]	Jicarilla 29-02-04 No. 21					
3. Address								1	3a. Pho	one No. (i	include a	rea code)	9.	API Well	No.		
3104. N. Sullivan, Farmington, NM 87401 505-327-4573										73	30-039-27674						
4. Location of Well (Report locations clearly and in accordance with Federal requirements) *										10. Field and Pool, or Exploratory							
At surface 1105' FNL & 1085' FWL (NWNW) Unit D											La Jara Canyon Tertiary						
TIOU FINE & TOOU FAAF (MAANAA) CUITED											11.	11. Sec., T., R., M., or Block and					
At top prod. interval reported below 1121' FNL & 1087' FWL (NWNW) Unit D															T29N R02W		
											12.	County			13. State		
At total depth 1675' FNL & 1894' FEL (SWNE) Unit G											<u> </u>		Arriba		NM_		
14. Date Sp			1	15. Dat	te T.D. Re	ached		ļ	16. Date Completed					17. Elevations (DF, RKB, RT, GL)*			
	05/04/0	4	- 1		0	5/14/05			D & A X Ready to Prod. 07/20/05					7712' GL & 7724' KB			
18. Total D	epth: MI TV		620		19. Pl	ug Back T.I) .:	MD TVD	1700'			20. Depth	Bridg	e Plug Se	: MD 17 TVD	700'	
21. Type E			399		Run (Subn	it conv of e	ach)				22. Wa	s well cored	(20)	No 🔲		bmit c	opy)
INDUCT					cuir (outon	ne copy or c	, doi:				l .	s DST run?		No 🗆			
	,	,									Dir	ectional Sur	vey?] No	Yes	(Subm	nit copy)
23. Casing	and Liner R	ecord (R	eport	all strii	ngs set in	well)					L		_				
Hole Size						Bottom (MD) Stage Ce				Sks. &	Slurry V	ol.	Cement	Top*	A	mount Pulled	
								Depth			Cement (BBL)		-			0'	
12-1/4"	8-5/8"	23# K			0'	235'					STD			0' CIR 0' CIR		0'	
7-7/8"	-7/8" 5-1/2" 17# J-55		· <u>25</u>	0'		4494'		1		000) TXI		+	UCIK			<u> </u>
								ļ				 	\dashv			 	
24. Tubing	Record					L	•	L		L		<u></u>					······································
Size	Depth Se	t (MD)	Pack	ker Depth (MD)		Size		Depth Set (MD) Packer		Packer D	epth (MD) Siz		e Depth Se		th Set (M	t (MD) Packer Set (MD)	
2-3/8"																	
25. Produc						T		26. Perforation Rec					T ,, ,,			Prof. Ct.	
Formation				Top		Bottom		Perforated Inter			Size 4'-9 0.36"		No. Holes		4	Perf. Status 4 SPF	
A) San Jose								564'-66', 1589'-91', 1594'- 604'-06', 1612'-14', 1617'						56		4	SFF
B)	11	540'				, 1612-14, 1617. 540' - 1550'		7-2	0.36"		40		4 SPF				
C) 27. Acid, F	San Jos		`emen			1000		1040 1000 0.00				65 70 71 32 32					
	Depth Inter									Amount	and type	of Material			Į,	B 12	
1	564' - 16	21'		Frac	ed w/7	1,000# s	and	d in foa	m						13/1	:	₹ <u></u> ()
															(5)		IN 2008
															60		CEV. (CD
28. Produc			Im	T _c	\ <u>'</u>	lc.	Wate		016		lc.		In., 4.	ction Metho		M C	C. J. OW.
Date First Produced	Test Date	Hours Tested	Test Produ		Dil BBL	Gas MCF	BBL		Oil Grav Corr. Al	•	Gas Gravity		Produc	coon Meuk	Party.		IST. 3
07/20/05	07/18/05	Ì	_	→ [274							\€jôwing				
Choke	Tbg. Press.	Csg.	24 H		Dil.	Gas	Wat		Gas : Oi	i	Well Stat	us			A.C.	28 /	13 8 7 C
Size Flwg. Press. Rate BBL MCF BBL Ratio										a Producing							
28a. Produ	ction - Inter	val B	L			<u></u>	L		L		<u> </u>		A	ULEP	EU F) R R	ECORD
Date First	Test			Gas Wate				· .			Produ	ction Metho	od 4 A	000	8		
Produced Date Tested Pro		Produ	ection BBL MC		MCF	BBL		Corr. API		Gravity	Gravity		JU	N 19	200	b	
Choke	Tbg. Press.	Csg.	24 H		Dil .	Gas	Wat	er	Gas : Oi	il	Well Stat	us	<u> </u>	ARMIN	STON F	ELD	OFFICE
Size	Flwg.	Press.	Rate		BBL	MCF	BBL		Ratio					8Y	A	- 	
	SI			→		1	1		1		1				- 77		

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	luction - Interv				· · · · · · · · · · · · · · · · · · ·							
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method			
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas : Oil	Well Status				
Size	Flwg. SI	Press.	Rate	BBL	MCF	BBL	Ratio					
28c. Prod	uction - Interv	al D										
		Hours	Test	Oil	Gas	Water	Oil Gravity	Gas Gravity	Production Method			
Produced	Date	Tested	Production	BBL	MCF	BBL	Corr. API					
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status				
	SI											
29. Dispo	sition of Gas (Sold, used fo	r fuel, vente	d, etc.)								
	nary of Porous	Zones (Inclu	ide Aquifers	31. Formation	31. Formation (Log) Markers							
tests, i	all important z including depth coveries.											
Fo	rmation	Тор	Bottom		Descrip	otions, Content	s, etc.		Name			
									· · · · · · · · · · · · · · · · · · ·	Meas. Depth		
]				ı					
								Nacimient	0	2466'		
			<u> </u>					Ojo Alamo		3634'		
								Kirtland		3812'		
								Fruitland		4054'		
								Pictured C	Cliffs	4280'		
		1	1	1				Ì				
32. Addit	ional remarks	(include plus	gging proced	ure):					***************************************			
		` ' '	ω 01						•			
JICA	RILLA 29	-02-04 #2	21 Tertia	ТУ				٠				
22 Cincl	e enclosed atta	ahmente:	·		· · · · · · · · · · · · · · · · · · ·					·		
	e enciosed atta ectrical/Mecha		l fiell cat roa	'd)	า	Geologic Rep	ort 3 D	ST Report	4. Directional Survey			
	indry Notice fo					Core Analysis		-	4. Discussial Survey			
36. I here	by certify that	the foregoing	g and attache	d informat	ion is complete a	and correct as o	letermined from all	available records (s	ee attached instructions)*			
Name	(please print)		Mike P	ippin	505-327-45	573	Title	Petroleun	Petroleum Engineer (Agent)			
Signa	Signature		Mike tippin					May 9, 20	May 9, 2006			
Title 18	U.S.C. Section	1001 and T	itle 43 U.S.C	C. Section 1	212, make it a c	rime for any p	erson knowingly an	d willfully to make	to any department or agenc	y of the United		