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

VACELL	COMPLETION	I AD DEAGAIN	ETIAN DEDART	ANDIOO
VVELL	CUMPLETION	I UK KELUMPI	ETION REPORT	AND LUG

WELL COMPLETION OR RECOMPLETION REPORT AND LOG										5.	<ol> <li>Lease Serial No.</li> <li>MDA 701-98-0013 Tract 2</li> </ol>					
1 7 6		1	, ,, _ [	<b>A</b> .			<del> </del>					6				
ta Type of Well Oil Well A Gas Dry Other							6. If Indian, Allottee or Tribe Name     Jicarilla Apache Tribe									
b. Type of Completion: Work Over Deepen Plug Back Diff. Resvr. Other "Permit Clean-up program" For Black Hills																
			Other	Per	mit Clea	<u> </u>	ip pr	ogra	al nou	ыаск	HINS"	0"	Comment of	. 1 xE1 coxxxo	iit i vaiito	unu 140.
2. Name of	•				_					RF	DEIVED	8.	Lease Nam	e and Wel	l No.	
Black Hills Gas Resources, Inc. c/o Mike Pippin LLC (Agent)									님 시 <b>Jicarilla 29-02-27 No.</b> 32							
3. Address								3a. Pho	one No! (4	nclude ar	ea code)	9.	API Well N	<b>1</b> 0.		
					, NM 8740			<u> </u>		27-457	3		30	0-039-2	9386	
4. Location	of Well (Re	port locat	ions cle	arly and in a	ccordance w	ith Fe	deral req	uiremen	nts) *			10.	Field and	Pool, or Ex	ploratory	7
At surface 1990' FSL & 2015' FWL Unit K										East Blanco Pictured Cliffs						
												11. Sec., T., R., M., or Block and				
At top prod	interval rep	orted belo	ow									Survey or Area K 27 T29N R2W				
		•										12.	County or			13. State
At total dep 14. Date Sp			116	Date T.D.	Dankad			LC De	o Comple	and .		17		Arriba	D. DT. CI	NM
14. Date of		•		Date LD.				16. Date Completed  D & A X Ready to Prod.			17. Elevations (DF, RKB, RT, GL)* 7265' GL & 7278' KB					
	02/24/0				03/02/06				03	/24/06					2/8 K	
18. Total D	epth: MI TV		3750'	19.	Plug Back T	.D.:	MD TVD	3550'			20. Depth	Bridg	ge Plug Set:	MD TVD		
21. Type E			anical I	ogs Run (Su	bmit copy of	each)				22. Was	well cored	DCI	No 🔲		it conv)	
	ION, DE				om vop) or	••••				2	DST run?		No 🔲			
										Dire	ctional Sur	vey? I	□ No !	Yes (S	ubmit co	py)
23. Casing	and Liner R	ecord (R	eport al	l strings set	in well)				·	L			=		<del> </del>	
	Size/Grade			Top (MD)	Bottom (	MD)	Stage C	ementer		Sks. &	Slurry V	ol.	Cement T	on*	Amou	nt Pulled
		`					De	Depth		f Cement (BBL)		-	1			
12-1/4" 7-7/8"	8-5/8" 5-1/2"	24# J- 15.5# 、		<u>0'</u>	318 375		ļ	·		x STD 5/35 PO	51 156	$\dashv$	0' CII			<u>0,</u>
1-110	J-1/Z	13.5# .	-39	<u> </u>	3/3/		<del> </del>			0/50 PO		+	0 011	<del>`</del> +		<u> </u>
<del> </del>			-+	·····			<u> </u>		100 37 0	0,0010.		十			<del></del>	
24. Tubing	Record	L							<u> </u>		<u> </u>			<u>t</u>		
Size	Depth Se	t (MD)	Packe	r Depth (MD	) Size	;	Depth S	et (MD)	Packer D	epth (MD	Siz	е	Depth	Set (MD)	Pack	ter Set (MD)
2-3/8"	136	66'														
	<u> </u>		<u> </u>		<u></u>		ļ				<u></u>		<u>l</u>			
25. Produc	ing Interval			T	J D-#-				Record		Ci		in Italaa	,	Dare Sta	
Formation				Top				Perforated Interval 3010' - 3014'			Size .40"		io. Holes	Perf. Status 6 SPF		
A) Pictured Cliffs 3611'								010 -	10 - 30 14					2000,200		
B) C)		·	_	<del></del>			<b>-</b>				<del></del>	_		K	434A	<del>~~~~</del>
	racture, Tre	atment, C	ement	Squeeze, Etc			<u> </u>					L		<b>1</b>	) <del></del>	Z3/r
	Depth Inter								Amount	and type	of Material			KV.	All	G 2008
3	010' - 30	)14'		Breakdov	vn with 29	6 KC	L water	er						186	7	<u> </u>
							<del></del>							- 53 - 53 - 53		CHE DIM
28 Produc	tion - Interv	n A														1007. O
Date First	Test	Hours	Test	Oil	Gas	Wat	ет	Oil Gra	vitv	Gas		Produ	ction Method	<u> </u>	<u> </u>	
Produced	Date	Tested	Product		MCF	BBI		Corr. A	-	Gravity				15	Pn.	2011015
	03/13/06			<u> </u>							···	<u> </u>		Flowin	ng we wo	1,81,61,000
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Wat BBI		Gas : O Ratio	il	Well Statu	IS					
1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,								ZA (	CIBE	over PC	@ 355	0'				
	ction - Inter	val B														
Date First Produced	Test Date	Hours Tested	Test Product	Oil tion BBL	Gas MCF	Wat BBI		Oil Gra Corr. A	-	Gas Pro Gravity			ection Method			
, rounceu	L'att	T COUCH	-100000	POR IDDI	IVICE	DDL	_	Con. A	4.1	Gravity						
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Wat		Gas: O	il	Well Statu	IS		Aure		: : : : : : : : : : : : : : : : : : :	= कारता हिन
Size	Flwg. SI	Press.	Rate	BBL	MCF	BBI	L	Ratio								
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(See instructions and spaces for additional data on reverse side)

28b. Production - Interval C														
Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas Gravity	Production Method					
Produced	Date	Tested		BBL	MCF	BBL	Corr. API							
Choke	Tbg. Press.	Csg.	24 Нг.	Oil	Gas	Water	Gas: Oil	Well Status						
Size	Flwg. SI	Press.	Rate	BBL	MCF	BBL	Ratio							
28c. Production - Interval D														
Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas Gravity	Production Method					
Produced	Date	Tested	Production	BBL	MCF	BBL	Corr, API							
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas: Oil	Well Status	Well Status					
Size	Flwg. SI	Press.	Rate	BBL MCF BBL Ratio										
29. Disposition of Gas (Sold, used for fuel, vented, etc.)  Vented														
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.														
For	mation	Тор	Bottom		Descripti	ions, Content	s, etc.		Name Top Meas. Deptl					
San Jose 0' 1869'			1869'	GAS				San Jose	San Jose					
Nacimiento 1869' 308'			3087'	GAS				Nacimient	Nacimiento					
Ojo Ala	Ojo Alamo 3087' 3500'			GAS				Ojo Alamo	Ojo Alamo					
Picture	Pictured Cliffs 3611'			GAS				Fruitland	Fruitland					
								Pictured (	Cliffs	3611'				
32. Addit	tional remark	s (include p	lugging pro	cedure):										
JICARILLA 29-02-27 #32 PC CIBP over PC @ 3550'														
33 Circle	e enclosed att	achments	<del></del>		<del></del>		<del></del>							
<ol> <li>Circle enclosed attachments:</li> <li>Electrical/Mechanical Logs (1 full set req'd.)</li> <li>Geologic Report</li> <li>DST Report</li> <li>Directional Survey</li> <li>Sundry Notice for plugging and cement verification</li> <li>Core Analysis</li> <li>Other:</li> </ol>														
36. 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) Mike Pippin 505-327-4573 Title Petroleum Engineer (Agent)														
Signature Mike Leppin Date July 24, 2006														

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 Un States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.