Form 3160-4 (August 1999)

2-7/8

Size

Flwg.

Depth Set (MD)

6626'

Packer Depth (MD)

Size

2-3/8'

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED OMB NO. 1004-0137

BUREAU OF LAND MANAGEMENT										Expires: November 30, 2000			
	WEL	L COMPLI	5. Lease Serial No.										
								1		Jicarilla Co	ntract 46	32	
la. Type of	Well [Oil Well	☒ Gas	Dry Ot	ner				6. If Inc	lian, Allottee or	Tribe Name	}	
b. Type of Completion: Work Over Deepen Copping Back Diff. Resvir.										Jicarilla Ap	ache Tri	be	
		Oth	er <u>"Blao</u>	K Hills F	ermit Cl	Ban-ly	Pro	gnam"	7. Unit	or CA Agreeme	nt Name an	1 No.	
2. Name of	-		8. Lease Name and Well No.										
BlackHills Gas Resources, Inc. c/o Mike Pippin LLC (Agent)										Jicarilla 462-23 No.12			
3. Address					3a. Pho	one No. (inc	hude area	code)	9. API	Well No.			
			Farmington, N				27-457	3	30-039-29322				
4. Location	of Well <i>(Repo</i>	ert locations cl	early and in accord	lance with Federa	al requirements)*	1.1			10. Field	d and Pool, or E	xploratory		
At surface			505' FNL & 1	nit C				East Blanco Pictured Cliffs					
						JUN 2		- 53.		, T., R., M., or E			
At top prod.	interval repor	ted below	505' FNL & 1	740' FWL U	nit C 🔯	PECE	15 M	- 3	Survey or Area C.23, T30N, R31				
			00415511 0 5				. 190		12. Cou	nty or Parish		13. State	
At total dept			931' FNL & 7			Verilla Control			Rio Arriba NM				
14. Date Spudded 15. Date T.D. Reached 16 Date Completed 16. Date Completed 16. Date Completed 17. D&A 18. Ready to Pro								ty to Prod.	17. Elevations (DF, RKB, RT, GL)* 7233' GL				
	04/23/0		<u> </u>	4/26/05	<u> Vi</u>		02/05				GL		
18. Total D	TV	D 38	16'	ug Back T.D.:	MD TVD	~~. <u>\$</u>	·	20. Depth E		TVD			
			ogs Run (Submit o	opy of each)		[3			No No	_ `	omit copy)		
INDUCTION & DENSITY/NEUTRON Was DST run? Directional Surve									Ø No v? □		omit copy) (Submit cop	w.r)	
							Direc	Alonai Surve	yr L	140 174 189	(Subint co)	·y)	
23. Casing	and Liner Rec	xord (Report a	ll strings set in well I	1	Stage Compensar	No. of	Clea Pe	Slurry Vo	. 1		,		
Hole Size	Size/Grade	Wt. (#/fL)	Top (MD)	Bottom (MD)	Stage Cementer Depth	Type of		(BBL)	i. C	ement Top*	Amou	ınt Pulled	
12-1/4"	8-5/8"	24#	0,	256'		200	SX	42		to surface		0'	
7-7/8"	5-1/2"	15.5#	0'	3816'		650 sx		209		full returns /		0'	
								ļ	-0 b	bls to surf			
	لــــــــــــــــــــــــــــــــــــــ		<u> </u>	<u> </u>	<u> </u>	<u> </u>		<u> </u>			<u> </u>		
24. Tubing	Record												

25. Producing Intervals		<u> </u>	26. Perforation Record							
Formation	Тор	Bottom	Perforated Interval	Size	No. Holes	Perf. Status				
A) PICTURED CLIFFS	3662	6626				Open Hole				
B)										
Ci		<u> </u>		<u> </u>						
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.										
Depth Interval		Amount and type of Material								

3554'

Depth Set (MD) Packer Depth (MD)

28. Production - Interval A Date First Ċil Water hi Gravity Gas Production Method Test Hours Test Gas Produced BBL MCF BBL Corr. API Gravity Date Tested Production **Not Producing** 0 READY 12/01/05 24 Choke Csg. 24 Hr Gas Water Gas Oil Well Status ંત્રો Tbg Press BBL BBL MCF Ratio Size Flwg. Press Rate Shut-in PSI 28a. Production - Interval B Production Method Date First Test Water hl Gravity Gas Hours Test ાં Gas ACCEPTED FOR RECORD BBL Produced Date Tested Production BBL MCF Corr. API Gravity Well Status Choke 24 Hr Water Tbg Press Csg. Cul Gas Gas Cil JUN 1 9 2006

Ratio

(See instructions and spaces for additional data on reverse side)

Rate

BBL

MCF

BBL

FARMINGTON FIELD OFFICE

Depth Set (MD)

Size

Packer Set (MD)

28b. Prod	luction - Interv	al C			· · · · · · · · · · · · · · · · · · ·								
Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas Gravity	Production Method				
Produced	Date	Tested	Production	BBL	MCF	BBL	Сопт. АРІ						
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											
Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas Gravity	Production Method				
Produced	Date	Tested	Production	BBL	MCF	BBL	Сопт. АРІ						
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas: Oil	Well Status					
Size	Flwg. SI	Press.	Rate	BBL	MCF	BBL	Ratio						
-	sition of Gas (Sold, used f	or fuel, vent	ed, etc.)									
Vent	nary of Porous	Zones (Incl	ude Amifer	-)-				21 Formation	(Log) Markers				
Show tests,	all important a	zones of por	osity and con	itents thereo	of: Cored intervitool open, flowing			31. Tomation	(Dog) Market				
Fo	rmation	Тор	Bottom		Descriptions, Contents, etc.				Name				
								San Jose					
								Nacimient	:O	2054'			
								Ojo Alamo	o	3167'			
								Kirtland		3397'			
								Fruitland		3519'			
								Pictured C	Cliffs	3663'			
32. Addi	tional remarks	(include plu	igging proce	dure):									
JICA	ARILLA 46:	2-23 #1	2 PC										
22 Ci1	a anotona 1 -4-	ohmont		·······									
33. Circle enclosed attachments: 1. Flortrigal Machanian Lagra (1 fall act and 1) 2. Carlonia Paract 3. DET Report 4. Directional Surgery													
1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Survey 5. Sundry Notice for plugging and cement verification 5. Core Analysis 7. Other:													
36. I here	by certify that	the foregoin	g and attach	ed informat	ion is complete	and correct as d	etermined from all	available records (s	ee attached instructions)*				
Name (please print) Mike Pippin 505-327-4573				Title	Petroleun	Petroleum Engineer (Agent)							
Signature Moto Viggin						Date	May 16, 2	2006					
Title 18	U.S.C. Section	1001 and T	itle 43 U.S.	C. Section 1	212, make it a	crime for any pe	rson knowingly a	nd willfully to make	to any department or agenc	y of the United			

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