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 OF PECOMPLETION PEDOPT AND LOC

WELL COMPLETION OR RECOMPLETION REPORT AND LOG											5.	5. Lease Serial No. JIC 458							
In Time of V	Vall Г	7 oil W	al1	[X) (300	Dev	Other						6.	If Ind	lian, A	llottee or		ne	
Ia. Type of Well Oil Well Gas Dry Other b. Type of Completion: New Work Over Deepen Plug Back Diff. Resvr.										Resut	Jicarilla Apache Tribe								
Other BLACK HILLS PERMIT CLEANUP PROGRAM																			
2 Name of C	Inerator		O LINES			772-5		9111		CIIVZ	110	DEKHIN							
2. Name of Operator PlackHills Cas Possurous Inc											8. Lease Name and Well No.								
BlackHills Gas Resources, Inc. c/o Mike Pippin LLC (Agent) 3. Address 3. Address 3. Phone No. (include area code)											Jicarilla 458-8 #6								
.											9. API Well No.								
3104. N. Sullivan, Farmington, NM 87401 505-327-4573 4. Location of Well (Report locations clearly and in accordance with Federal requirements) *												30-039-25757							
											10. Field and Pool, or Exploratory								
At surface 1050' FNL and 1700' FWL UNIT C										;					East Blanco; Pictured Cliffs 11. Sec., T., R., M., or Block and				
At top prod. interval reported below SAME												11.	Survey or Area C 8 T30N R03W						
At top prod. interval reported below SAME											12.	2. County or Parish 13. State							
At total depth SAME												Rio Arriba NM							
14. Date Spi	udded		I	5. Da	te T.D. Rea	ched		16. Date Completed				17.	17. Elevations (DF, RKB, RT, GL)*						
	01/15/98	3	- 1		02	2/25/98			D & A X Ready to Prod. 05/10/06				7178' GL						
18. Total Depth: MD 6400' 19. Plug Back T.D.: MD 5900'											20. Depth Bridge Plug Set: MD 5900'								
A	TV						Т	VD							_	TVD			
21. Type Ele Induction			cal Lo	gs Ru	n (Submit co	py of each)					l .	well cored? DST run?		No No		Yes (Sub Yes (Sub			
maacaon	i, SDL-Di) N									ļ .	tional Surve	_		No	Yes			
23 Casina s	and I inor Do	and Pan	ort all	etrino	s sat in wall	·····											` 		
		iner Record (Report all strings set in well) (C. 1 No. (Report all strings set in well) T. (ASD) D. (ASD) Stage Comenter No. of Sks. & Slurr								Shurry Vo	ol.	Cement Top* Amount Pulled			Dullad				
i	Size/Grade Wt. (#/ft.) Top (MD) Bottom (MD)					(U)				f Cement		Cement Top*			Am				
	12-1/4" 8-5/8" 24#				0,	504'			345 sx "B"						0, C			0'	
1-118"	7-7/8" 5-1/2" 17#		-	0' 6400'			_	162			20 sx			0' CIR				U	
			-+										\dashv						
24. Tubing	Record		L				L					<u> </u>		·			L		
Size			ker Depth (MD) Size			1	Depth Set (MD) Packer Depth (MD) S			Siz	e	Depth Set (MD)) Pa	Packer Set (MD)			
2-3/8"	374	8'		37	08'	4-1/2'													
	1		<u> </u>				\dashv			L		<u>i</u>							
25. Produci	ng Intervals Formation		—-т		Тор	Bottom				foration Record Forated Interval Size				No. Holes Perf. Status					
A) PICT		-	3766'	3858		Perforated Interval 3766'- 3851' 7			4		90 🗸				2 SPF				
A) PIC	-+			000			3776-85			0.34"	\vdash			 					
C)				•					3694	-98.							15777	T/47E	
27. Acid, Fi	racture, Trea	tment, Cen	nent Sc	piecze	, Etc.				3809	- 18'.	3 8 2	3-30.	384	3-5	51	Á		(C,0)	
	Depth Inter										and type o	f Material				100		63 (7)	
	3766'-38	51'				al acetic a					12/06				-···-	- A-C		2008	
	~		-+	Fia	ceu w/14	1,000# 2	U/4U	sano	m roa	כ מט מו	12100		·					SVED_	
28. Product	ion - Interval	A														72		NS. DIM.	
Date First	Test	Hours	Test		ભા	Gas	Water		Oil Grav		Gas		Produ	ction l	lethod	V.C.		ন্ত্র্য . গ্র	
Produced Ready	Date 05/09/06	Tested 5	Produc	tion	BBL	мсғ 365	BBL		Corr. API		Gravity		1			Flox	vina	~ ×)	
Choke	Tbg. Press	Csg.	24 Hr.		Oil	Gas	Water		Gas . Cul	<u> </u>	Well Statu	5	<u> </u>		<u></u>	1 10%	EU 6	0195	
Size	Flwg. 500	Press.	Rate		BBL	MCF	BBL		Ratio				070		3		-30	SONE NE	
3/8"	PSI	1 D		2	L	1,750		···	<u> </u>		<u> </u>		<u> </u>		Shut	<u>-III</u>			
Date First	tion - Interva Test	Hours	Test		ાં	Gas	Water		Oil Grav	itv	Gas			ction 1	√lethod				
Produced	Date			ction	BBL		BBL		Corr. AP		Gravity		(5	_1	ACCEP.	TED FL	MRECORD	
Choke	77. 7	Con	2,171	>	Oil	l Con	TV-t-		Clearing		Well gard		r r						
Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate		Oil BBL	Gas MCF	Water BBL		Gas : Ou Ratio	L	Well Statu	1-		,	I I	JU	N 2 0	2006	
	SI	L		>		<u> </u>			<u> </u>		1		5 C	,		A TO DAY DAY BEAUTY	September 1	or so referen	
isee instruc	tions and sp	aces for a	ddition	ıal dat	a on reverse	e side)								Ī	VP/	P. P. S.	111.39	POPPLE	

•													
28b. Production - Interval C													
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					
Size	Flwg. SI	Press.	Rate	BBL	MCF	BBL	Ratio						
28c. Prod	uction - Interva	d D	<u> </u>	<u></u>	A	-							
Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas Gravity	Gas Gravity Production Method				
Produced	Date	Tested	Production	BBL	MCF	BBL	Согг. АРІ						
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas : Oil	Well Status	<u> </u>				
Size	Flwg.	Press.	Rate	BBL	MCF	BBL	Ratio	Wen blands	•				
29. Disposition of Gas (Sold, used for fuel, vented, etc.)													
	sition of Gas (A	Sold, used fo	or fuel, vente	d, etc.)									
Vent	Verit 30. Summary of Porous Zones (Include Aquifers): 31. Formation (Log) Markers												
JO. SUIMI	Lary of Forous	Zones (meio	юе Аципеіз)	31. Pormanor	51. Formation (Log) Markers								
	all important z												
tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.													
Fo	rmation	Тор	Bottom	1	Descrip	ptions, Conten	ts, etc.	1	Name	Top Meas. Depth			
			 							Meas. Depui			
								Nacimien	ю.	0,			
			1					San Jose		1588'			
San Jose		1588'	1711'	gas				Ojo Alam)	3196'			
Ojo Alamo		3196'	3430'	gas				Kirtland		3430'			
Pictured Cliffs		3766'	3858'					Fruitland		3663'			
rictarea Cims		3700	3030	gas					Ni:ee_				
								Pictured (JIITS	3766'			
								Lewis		3858'			
	1												
				1									
		}	1	1				1		1			
32. Addi	tional remarks	(include plu	gging proced	lure):									
JICA	RILLA 458	3-8 #6 P0	2										
33. Circl	e enclosed atta	chments:				. "							
1. El	ectrical/Mecha	nical Logs (l full set req	'd.)	2.	Geologic Rep	oort 3. D	ST Report	4. Directional Survey				
 Electrical/Mechanical Logs (1 full set req'd.) Geologic Report DST Report Directional Survey Sundry Notice for plugging and cement verification Core Analysis Other: 													
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)													
Signa	ture	1	Mike	tup	era_		Date	May 15, 2	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 United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.