' 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

5. Lease Serial No

	WELL COMP	LETION (OR RECOMPL	ETION RE	PORT A	ND LOG
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	WELL COM LETION ON RECOMM ELTION IN AND EGG								MDA 701-98-0013 Tract 1							
la. Type of	Well	Oil V	/ell	X Gas	Dry	Other			ZW7 ,	IIN 20						
	Type of Completion. New Work Over Deepen Plug Back Diff. Resvr.									Jicarilla Apache Tribe						
			Other	_						RECEI	/: - 7,	Unit or C	A Agreem	ent Name	and No	
2. Name of	Operator				× 2				070					12.5.7		
	•	Jille G	ae Da	cource l	nc (do Mika l	Dinnin	1100	اللک (Acent)		8.	7 5 3	me and W		U.A	
Black Hills Gas Resources, Inc. c/o Mike Pippin LLC (Agent) 3. Address Ja. Phone No. (mchude area code)										<u> </u>		,,	-02-30	#1 		
		Collina	F.		NINE 07404					•	9	API Well				
				irmington, l			nuramar		327-457	3		3	30-039-	27246		
4. LACATION	OI WEII (NE	рон юси	iions cie	ariy ana in acc	or dance with	i i euerui rei	jui enten	143)			10.	Field and	Pool, or I	Explorator	ý	
At surface			6	40' FNL & :	2165' FEL	_ Unit B	Sec. 3	30, T29	N, R2V	V				on Terti		
											1			Block and		
At top prod	. ınterval re	ported bel	ow									Survey o		B 30 29	N 2VV 13. State	
A	.41.										12.	_	Arriba		NM	
At total dep			15	Date T.D. R	eached		16 Dat	te Comple	eted		17.			ß, RT, G		
	09/25/0	12			9/30/02			D&A	X Rea	dy to Prod.	7048' GL					
10 = 15			07001				00001		/18/07	20 5 4	<u> </u>	mi c.				
18. Total D	Depth: MI TV		3720'	119. P	lug Back T.D	D.: MD TVD	3669'			20. Depth	Bridge	Plug Set	:			
21 Type E			anical L	ogs Run (Subr	nit copy of ea				22. Was	well cored	X	No 🔲	Yes (Sub	mit copy)		
	TION, Tri					•			Was	DST run?	(X)	No 🔲	Yes (Sub	mit copy)		
									Dire	ectional Sur	vey? 🏻	No	Yes (Submit co	py)	
23 Casing	and Liner I	Record (R	eport al	ll strings set in	well)											
Hole Size	Size/Grade	Wt. (#/	(ft.)	Top (MD)	Bottom (M	11771	ementer		f Sks &	Slurry V		Cement Top*		Amou	nt Pulled	
						De	pth		f Cement	(BBL)		0' - Circ.			0	
12-1/4" 7-7/8"	8-5/8" 5-1/2"	24# 15.5		0' 0'	266' 3712'				7 III Pr Lite			0' - CBL		0		
7-110	0-112	10.5	#	<u> </u>	3/12			1170,	FILITE	le V-GBL 0				<u> </u>		
		<u> </u>			<u> </u>						\dashv					
24. Tubing	Record				······································											
Size	Depth Se	et (MD)	Packer	r Depth (MD)	Size	Depth S	et (MD)	Packer D	epth (MD	Sız	æ	Dept	h Set (ME) Pack	er Set (MD)	
2-3/8"	22	16'														
	1		<u> </u>							<u> </u>		<u> </u>				
25. Produc								Record		·				D 6 6:		
Formation To					Bottom 3262'			ted Interval Size ' & 1210'-12' 0.34"		Size	No. Holes		-	Perf. Status		
<u>A)</u>	Tertiar	у		0'	3202	1240	-40 &	1210-	12	J.34	ļ	10	+	oper	l	
B) C)				······································	<u> </u>								-			
	racture, Tre	eatment. C	ement S	Squeeze, Etc.	<u> </u>						1		ROVD.	JUL 2 '0	7	
	Depth Inter			, , , , , , , , , , , , , , , , , , , ,				Amount	and type o	f Material			OIL CO	NS. DI	V.	
	1246'-4			300 gal 7-1									P.T.	ST. 3		
	1210'-1	2'	3	300 gal 7-1	/2% HCL	acid							H. F.	Ji. J		
20 72 1																
28. Produc	Test	A Hours	Test	Oil	Gas	Water	Oıl Grav	.nts:	Gas		Product	on Metho	A			
Produced	Date	Tested	Product			BBL	Corr Al	-	Gravity		Production Method					
Ready	06/14/07	6		>	23								Swab	bing		
Choke Size	Tbg Press	Csg	24 Hr.	Oil		Water	Gas Or	il	Well Statu	s						
1/4"	Flwg PSI	Press 46 psi	Rate	BBL	MCF 90	BBL 2 bwph	Ratio					Pump	ina			
28a. Produ	L				1 30 1	2 DWPII	J		1			i ump	y			
Date First	Test	Hours	Test	Oil		Water	Oil Grav	vity	Gas	·	Product	ion/Medic	EPTE	FOR	RECORD	
Produced	Date	Tested	Producti	ion BBL	MCF	BBL	Corr Al	PI	Gravity				3-		- 	
Choke	Tbg Press	Csg	24 Нг	Oil	Gas	Water	Gas Oi	1	Well Statu	<u> </u>	L		HIN	2 9 20 6	17	
Size	Flwg.	Press	Rate	BBL		BBL	Ratio	•		~						
	SI	<u> </u>		<u> </u>			<u> </u>		L			FAR	MINGTO	NFIELL	OFFICE	
(See metrue	atrone and a	for	addet	al data on	I-V							av		1/4		

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file sendry of well work

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28b Proc	luction - Inter	val C								
Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas Gravity	Production Method	
Produced	Date	Tested	Production	BBL	MCF	BBL	Согт. АРІ	ļ		
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas . Oil	Well Status		
Size	Flug	Press	Rate	BBL	MCF	BBL	Ratio			
	SI	<u></u>		<u> </u>						
	luction - Inter		17	To:	IC	Water	Oil Gravity	Gas Gravity	Production Method	
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	BBL	Corr API	Cas Gravity	1 Todacdon Ivicatou	
			\rightarrow							
Choke	Tbg Press.	Csg	24 Hr.	Oil	Gas	Water	Gas Oil	Well Status		
Size	Flwg. SI	Press.	Rate	BBL	MCF	BBL	Ratio			
29 Dispo	sition of Gas	(Sold. use	d for fuel, ve	nted, etc.)		L				
Vente	ed									
30 Sumn	nary of Porou	s Zones (Ir	nclude Aquit	ers)				31. Formatio	n (Log) Markers	
tests,	all important including depectories.	zones of poth interval	orosity and tested, cush	contents the	ereof Cored ime tool open	I intervals and i, flowing and :	all drill-stem shut-in pressures			
For	matton	Тор	Bottom		Descrij	ptions, Conten	ts, etc.		Name	Top Meas Depth
Tertiar	У	0'	3262'	GAS				San Jose		Surface
								Nacimien	to	1861'
								Ojo Alam	0	2842'
								Cretaceo		3262'
								Fruitland		3386'
								Pictured (Cliffs	3426'
								Lewis		3542'
	tional remark ARILLA 29		. 55 51	,	Add Work	over				
	e enclosed att		os (1 full set	rea'd)	2	Geologic Re	port 3 D	ST Report	4 Directional Survey	
	andry Notice	-				. Core Analys			. Discononia ourvey	S
36 I here	by certify that	t the forego	oing and atta	ched inforr	nation is com	plete and corr	ect as determined	from all available	records (see attached ins	tructions)*
Name	(please prini)	Mike P	ippin !	505-327-4	1 573	Title _	Petroleur	n Engineer (Agen	t)
Signa		10	life	Vippe	un		Date	June 19,		
Title 181	IISC Section	n 1001 and	Tatle 42 II	C Contin	n 1212 males	it a amma far	any parcon language	naturand wallfully	to make to any departme	nt or occanov of the 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 Un States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction