(September 2001)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED

OMB	NO.	1004	-01	37
Expires:	Janu	lary	31,	2004

In Type of Completion:   ON with   One wit											/			1118 43 A				
2. Name of Operator    Black Hills Cast Resources, Inc.	la. Type o	f Well	Oi	l Well							_ /		6.	If Indi	ian, Allo	ottee or	Tribe Name	
2. Name of Operator    Black Hills Cast Resources, Inc.	b. Type of Completion: New Well Work Over Deepen Place Deepen Diff. Resyl 12										2 Pian	Jicarilla Apache Tribe						
She kellis Gas Raccurces, Inc.   State Hills Gas Raccurces, Inc.   State				0	ther Hon	zontal							」 ′′	Unit	if ua a	Breeme	iii Name and	NO.
Sheck Hills Cole Resources, Inc	2. Name (	of Operator	r										. 8.	Lease	Name	and We	Il No.	
3. Address   3a. Phones No. (Include area code)   50. Phones No. (Include area code											138 I 13 M	1 1 1 m						
4. Location of Well (Report location clearly and in accordance with Federal requirements)*  At surface 1150 FSL & 1151 FEL SE SE  At top prod. interval reported below 742* FSL & 1321* FWL Sec. 10, T30N, R03W  At total depth 742* FSL & 1321* FWL Sec. 10, T30N, R03W  14. Date Spudded 15. Date T.D. Rached 15. Date T.D. Rached 15. Date T.D. Rached 15. Date T.D. Rached 16. Date Completed 17. Date Spudded 15. Date T.D. Rached 17. Date Spudded 15. Date T.D. Rached 17. Date Spudded 17.	3. Address 3a. Phone No. (include area code)																	
At surface   150 PSL & 191 PEL SE SE  At top prod. interval reported below   742 PSL & 1321 PWL   Sec. 10, T30N, R03W   11. Date   742 PSL & 1321 PWL   Sec. 10, T30N, R03W   12. County or Partish   13. State   13. State   14. Date   15. Date   71. D. Rensched   15. Date   71. D. Rensched   16. Date   Completed   17. Date   71. D	A Tracking CNL 11 (Providence London and Incomplete Colombia Control C											30-0						
At top prod. interval reported below 742 FSL & 1321* FWL Sec. 10, T30N, R03W   11. County or Parish   13. State   14. Date Spudded   15. Date T.D. Reached   15. Date T.D. Reached   15. Date T.D. Reached   16. Date Completed   17. Elevations (DF, RKB, RT, GL)*   17. Elevations (DF	la companya di Santa di Caratteria di Caratteria di Caratteria di Caratteria di Caratteria di Caratteria di Car																	
At total depth. 742 FSL & 1321 FWL. Sec. 10, T30N, R03W  At total depth. 742 FSL & 1321 FWL. Sec. 10, T30N, R03W  14. Data Spudded  15. Date T.D. Reached  16. Date Completed  17. Elevations (DF, RKB, RT, GL)*  17. Elevations (DF, RKB, RT, GL)*  18. Total Depth: MD 6551*  19. Phys Back T.D.: MD  10. Depth Bridge Play Set: MD  17. Phys Electric & Other Mechanical Loga Run (Submit copy of each)  12. Was well cored?  Was DST run?  Directions Streyt?  23. Cassing and Liner Record (Report all strings set in well)  12. Was well cored?  Was DST run?  Directions Streyt?  24. Total Depth: Stree (Grade Wt. (#/R.))  Top (MD)  Bottom (MD)  Stage Commenter No. of Sts. & Shurry Vol. (BBL)  Type of Comment Top*  Amount Pulled series  12. 144*  8.56*  24 Ab 0 555*  300 as.  Stree Grade Wt. (#/R.)  Top (MD)  Stage Commenter No. of Sts. & Shurry Vol. (BBL)  Type of Comment Top*  Amount Pulled series  12. 144*  8.56*  12. 145*  12. 140*  12.	At sur	face 1150	0' FSL 8	£ 1191	'FEL SI	SE												
At total depth   742 FSL & 1321 FWL   Sec. 10, 736N, 803W   12. County or Parkish   13. State   13. County or Parkish   13. County or Parkish   13. State   13. County or Parkish   13. County or Pa	At ton	prod. inte	rval rep	orted b	elow 74	12' FSL &	1321' FWL S	ec. 10. T3	ON. RO3W				11	. Sec., or A		•		urvey
At total depth 742 FSL & 1321 FWL. Sec. 10, T30N, R03W    14. Date Spudded	11 wp prod. and the reported out to 122 1 to 122 1 to 120. 10, 13011, 100311											12						
D&A   Reday to Prod.   Section   Secti	At total depth 742' FSL & 1321' FWL Sec. 10, T30N, R03W													•	NM			
12.1   19. Plug Back T.D.: MD   19. Plug Bac	14. Date	Spudded			15. Date	T.D. Reac	hed						17	17. Elevations (DF, RKB, RT, GL)*				
18. Total Depth: MD 6351	770/00				016100				l n d	&A (				OI 7020) WD 7020)				
TVD  TVD  TVD  TVD  TVD  TVD  TVD  TVD		Denth: M	(ID 635	<u>_</u>	8/0/98	19.1	Plug Back T.I	D · MD	<u> </u>									
Wat DST reat   No   Yes (Submit report)   Yes (Submit copy)   Yes (Submit co												Dirego 1						
Directional Survey?   No   Yes (Submit copy)	21. Type F	electric & C	Other M	echani	cal Logs	Run (Subr	nit copy of eac	(h)							_	•	•	s)
23. Casing and Liner Record (Report all strings set in well)  Role Size Size/Grade WL (WfL) Top (MD) Bottom (MD) Stage Cementer Depth Type of Cement (BBL) Cement Top* Amount Pulled Type of Cement													=	=	_	-		
Hole Sizz Size/Grade Wt. (#/ft.) Top (MD) Bottom (MD) Stage Comenter Type of Cement Top* (BBL) 12-1/4* B-5/8* 24 lb 0 545* 300 ex circ 50 ex circ 68 ex ci	23. Casing	and Line	T Recor	d /Ron	ort all et	ings cet in	well)				ווע	ectional Su	uvey?	NO.	<u> </u>	ı eş (Su	omit copy)	
Role Size   Size/Gride   Wt. (#/H.)   Top (MID)   Bottom (MID)   Depth   Type of Cement (BBL)   Statistical							Stage Cementer No. of Si					f Sks. & Slurry Vol		Cama	ent Ton*		Amount Dul	
24. Tubing Record  Size Depth Set (MD) Packer Depth (MD) Size Depth (MD) Size Depth Set (MD) Size Depth (MD) Size Depth Se	Hole Size	Size/Gr	rade	Wt. (#/	ft.) T	op (MD)	Bottom (M	D)		Туре				Coment Top			Amount rui	iou
7-7/8" 5-1/2" 15.5 0 3994' 560 ax surface  24. Tubing Record  24. Tubing Record  25. Production   Packer Depth (MD)   Size   Depth Set (MD)   (MD)   Size   Size	12-1/4"	8-5/8	3"	24 lt		0	545'			3	300 sx			surface				
7-7/8* 5-1/2* 15.5 0 3994 560 ax surface circ 68 ax to surface cir		<del> </del>			_		·			<u> </u>		╂	<del></del>				-	
24. Tubing Record  Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Size Depth Se	- 2 2/08	6.1/2		16.6	$-\!\!+\!\!\!-$		2004			<del> </del>								
24. Tubing Record   Size   Depth Set (MD)   Packer Depth (MD)   Size   Depth Set (MD)   Packer Depth (MD	1-1/8"	3-1/2	-	15.5	_		3994'			260 8X		<del>                                     </del>						
24. Tubing Record  Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD)  2.7/8" 6005		<del> </del>					<del> </del>			<del>                                     </del>								
25. Producing Intervals  Formation  TOP  Bottom  Perforated Interval  Size  No. Holes  Perf. Status  Open Hole  Perf. Status  Open Hole  Depth Interval  Amount and Type of Material  28. Production - Interval A  Date First Test Produced Date  Test BBL  Size  Test BBL  Gas B	24. Tubing	Record				***	<del></del>					· <del>·</del>						
26. Perforation Record  Formation  TOP  Bottom  Perforated Interval  Size  No. Holes  Perf. Status  Open Hole  Open Hole  Open Hole  Amount and Type of Material  28. Production - Interval A  Date First  Produced Date  Trest  Rate  BBL  Gas  Water  Gas: Oil Gravity  Flowing  MAR 2006  Flowing  MAR 2006  Flowing  Production Method  Flowing  MAR 2006  Flowing  Production - Interval BBL  MCF  BBL  Gas  Ratio  Flowing  Production Method  Flowing  MAR 2006  Flowing  Production - Interval BBL  MAR 2006  Flowing  Production Method  Flowing  MAR 2006  Flowing  Production Method  Flowing  Production Method  Flowing  MAR 2006  Flowing  Production Method  Flowing  MAR 2006  Ratio  Choke  Tog. Press.  Call  Za Hr.  Gas:  Flowing  Production Method  Flowing  Production Method  Ratio  Choke  Tog. Press.  Call  Za Hr.  Gas:  Flowing  Production Method  Ratio  Ratio  Ratio  Choke  Tog. Press.  Call  Za Hr.  Gas:  Gas  Gravity  Flowing  Production Method  Ratio  Choke  Tog. Press.  Call  Za Hr.  Gas:  Gas:  Gravity  Flowing  Production Method  Gravity  Production Method  Gravity  Production Method  Ratio  Choke  Tog. Press.  Call  Za Hr.  Gas:  Gas:  Gas:  Gas:  Gas:  Gravity  Production Method  Ratio  Choke  Tog. Press.  Call  Za Hr.  Gas:  Gas:	Size	Depth	Set (M	<b>P</b> ) <b>F</b>	acker De	pth (MD)	Size	Dept	th Set (MD)	Packer	Depth (MD	) Si	ze	Dept	h Set (M	(D) P	acker Depth	(MD)
Formation TOP Bottom Perforated Interval Size No. Holes Perf. Status  A)  A)  B)  C)  D)  27. Acid, Fracture, Treatment, Cement Squeeze, Etc.  Depth Interval  Amount and Type of Material  28. Production - Interval A  Bate First Test Produced Date Tested Production BBL MCF BBL Corr. API Gravity Producin Method Producing  BBL MCF BBL Gas. Water Gas: Oil Ratio  BBL MCF BBL Gas. Well Status  Flowing  28a. Production - Interval B  BBL MCF BBL Corr. API Gravity Gas Gravity Production Method Producing  BBL MCF BBL Gas. Oil Well Status  Flowing  Choke Tested Production Date Tested Production BBL MCF BBL Corr. API Gravity Gas Gravity Production Method Flowing  BBL MCF BBL Corr. API Gravity Gas Gravity Production Method Gravity Gas Gravity Production Method Date Tested Production BBL MCF BBL Corr. API Gravity Gas Gravity Production Method Date Tested Production BBL MCF BBL Ratio Water BBL Ratio Well Status  Choke Tbg. Press. Call Test BBL ACF BBL Ratio Water BBL Ratio Well Status  Choke Tbg. Press. Call Status Flowing Production Method Gravity Gas Gravity Production Method Gravity Gravity Gas Gravity Production Method Gravity Gravity Gravity Production Method Gravity																		
A) Open Hole  B) C) D)  27. Acid, Fracture, Treatment, Cement Squeeze, Etc.  Depth Interval A  Date First   Test	25. Produc				7			26.			7	<u> </u>					A =:	
B) C) D) 27. Acid, Fracture, Treatment, Cement Squeeze, Etc.  Depth Interval  Amount and Type of Material  28. Production - Interval A  Date First   Test   Hours   Test   Production   BBL   MCF   BBL   Gas   Water   BBL   Gas   Corr. API   Gravity   Producting   Pr	<u> </u>	rormano	n		T	TOP Bottom			Perforated Interval Si			Size	Size No. rioles					
C) D) 27. Acid, Fracture, Treatment, Cement Squeeze, Etc.  Depth Interval  Amount and Type of Material  28. Production - Interval A  Date First Produced Date Production  BBL Gas Water BBL Gas: Oil Gravity Gravity Production Method Production BBL MCF BBL Gas: Oil Well Status  MAR 2006  Size Figst Press Cag. Press Rate BBL MCF BBL Gas: Oil Gravity Gas Gravity Production Method Production BBL MCF BBL Gas: Oil Well Status  MAR 2006  The Press Cag. Press Rate BBL MCF BBL Gas: Oil Gravity Gas Gas: Oil Well Status  MAR 2006  The Production - Interval B  Date First Test Production BBL Gas Water BBL Gas: Oil Gravity Gas Gravity Flowing  28a. Production - Interval B  Choke Tbg. Press Call BBL MCF BBL Gas Water BBL Gas: Oil Gravity Gas Gravity Production Method Gravity Gas Gravity Gas Gravity Gas Gravity Production Method Gravity Gas Gravity Gas Gravity Froduction Method Gravity Gas Gravity G																Ор	n Hole	
D)  27. Acid, Fracture, Treatment, Cement Squeeze, Etc.  Depth Interval  Amount and Type of Material  28. Production - Interval A  Date First Test Produced Date Test Production BBL Gas Water BBL Gas: Oil Gravity Gravity Producting  8/31/05 8/3/05 24					<del>                                     </del>			-			<del>-  </del> -			-				
28. Production - Interval A  28. Production - Interval A  Date First Test Hours Production  8/31/05 8/3/05 24	D)			***			<del></del>								<u></u>			
28. Production - Interval A  Date First Test Hours Test Production BBL Gas MCF BBL Corr. API Gravity Gravity  Choke Tog. Press. Size Flgw. Size Tested Date Tested BBL MCF BBL Gas Water BBL Gas: Oil Ratio  Date First Test Hours Production Date Tested BBL MCF BBL Gas Water BBL Gas: Oil Ratio  Date First Test Test Hours Production Date Tested Production BBL MCF BBL Gas: Oil Gravity Production Method Tog. Press. Call Date Tested Production Date First Test BBL MCF BBL Gas: Oil Gravity Gas: Oil Gravity Flowing  28a. Production - Interval B  Date First Test Test Hours Production BBL MCF BBL Corr. API Gravity Production Method Gravity Gas: Oil BBL Gas: Oi	27. Acid, l	Fracture, T	reatmen	t, Cen	ent Sque	eze, Etc.												
Date First Produced Date Date Test Production BBL Gas MCF BBL Oil Gravity Corr. API Gas Gravity Production Method Production Method Production Method Gravity Production Method Production Method Production Method Production Method Production Method Gravity Production Method Production Method Production Method Production Method Production Method Production Method MCF BBL Gas: Oil Ratio Well Status Flowing  28a. Production - Interval B  Date First Test Date Hours Test Production BBL Gas MCF BBL Gas Gravity Corr. API Gas Gravity Production Method Well Status Production Method Gas Gravity Production Method Gas Gas: Oil Ratio Well Status Gas: Oil Ratio Well Status	1	Depth Inter	val						A	mount a	nd Type of	Material						
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R/31/05 8/3/05 24		tion - Inte	rval A															
R/31/05 8/3/05 24	Date First Produced					Oil BBL	Gas MCF					Proc	duction M	ethod		27111	2343	1
Choke Size   Tog. Press   Csg.   Production   Corr.   Press   Csg.   Production   Production   Production   Production   Production   Production   Production   Production   Production   Press   Csg.   Production   Production   Production   Production   Production   Production   Press					П		1 1	, -				Pm	ducing			100	50	0'3
28a. Production - Interval B  Date First Produced Date Hours Test Date Production BBL Gas MCF BBL Corr. API Gravity Gas Gravity  Choke Size Flwg. Size Flwg. Size Flwg. Size Size Flwg. Size Flwg. Size Size Flwg. Size BBL Gas MCF BBL Gas MCF BBL Gas: Oil Ratio Well Status  (See instructions and spaces for additional data on next page)	Choke	Tbg. Press.	Csg.	24	Hr.		Gas				Well Stat				100	M	AR 200R	O
28a. Production - Interval B  Date First Test Date Hours Tested Production BBL Gas MCF BBL Corr. API Gas Gravity  Choke Size Tbg. Press. Call Press Press Size Flwg. Si Press Size Size Size Size Size Size Size Size	SIZE	rigw. SI	rress	, Ka	<b>"</b>	BBL	MCF	RRL	Katio		Floring				23	Mile (	CEIMEN	<b>(</b>
Date First Produced Date Hours Test Production Dil BBL Gas MCF BBL Oil Gravity Corr. API Gas Gravity  Choke Size Flwg. SI Dil Press SI Call Press SI Call Corr. API Dil BBL Gas MCF BBL Gas MCF BBL Gas Gravity  Choke Size Flwg. SI Dil BBL Gas MCF BBL Gas MCF BBL Gas MCF BBL Gas Oil Ratio Well Status  (See Instructions and spaces for additional data on next page)	28a. Produ	ction - Inte	rval B						<u> </u>		Irrowing	<u> </u>			100 V	DE C	DIVS, IUM	77 -
Choke Size Tbg. Press. Call Press Press Size Size Size Size Size Size Size Size	Date First	Test	Hours			Oil	Gas	Water			Gas	Proc	luction Me	thod	100			10
Size Flwg. Press Rate BBL MCF BBL Ratio  (See instructions and spaces for additional data on next page)	Produced	Date	Tested	Pr	oduction	BBL	MCF	BBL	Corr. AP	I	Gravity	Ĭ			الري الري	<u>ځ.</u>		Golm.
(See instructions and spaces for additional data on next page)		Tbg. Press.				Oil	Gas	Water			Well Sta	tus			1,6	12 Sill 1	6/ DI 11 46	
(See instructions and spaces for additional data on next page)	Size	Flwg.	Press	Ra	ite	BBL	MCF	BBL	Ratio							ر در در در در د	er Of Proper	
Open monactions and spaces for additional data on text base)	/See inst-	udiona ar-	1 000000	. 605 5	dillocal	data en en	w no-c)								1.76	<b>7</b>		
	(จลล เมรณ	เฉนบทร สกัด	spaces	o ror ac	JULIONAL I	uata on ne NRRA:	kr bage)		DE TON		<b>-</b>			2		· · · · ·		

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Size	Tbg Press Flwg. Sl	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status		
28c. Produc									,	
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Size	Thg Press Flwg. SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status		<del></del>
29. Disposi	tion of Gas	(Sold use	d for fuel, v	ented, etc.	)			<u> </u>	Λ.	
tests, i	all imports	ant zones o	of porosity	and conter	nts thereof: C , time tool op	ored intervals en, flowing as	s and all drill-stem nd shut-in pressures	31. Formation	on (Log) Markers	
Forma	tion	Тор	Bottom		Descri	ptions, Conter	nts, etc.	<b></b>	Name	Top Meas. Depth
				, ,	į				San Jose Nacimiento Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis	1535' 2116' 3192' 3428' 3615' 3755' 3853'
32. Additio	onal remark	s (include	plugging pr	ocedure):				<b></b>		.1
	ctrical/Mec	hanical Lo	gs (1 full se			ieologic Repor ore Analysis	t 3 DST Rep 7 Other: _		virectional Survey	
34. I hereby	y certify th	at the fore	going and at	tached inf	ormation is c	omplete and co	orrect as determined	from all avails	ble records (see attached instr	ructions)*
Name (	(please prii	t) Agatha S	Snell				Title Admin. To	ech.		
Signatu	are	· · · · · · · · · · · · · · · · · ·		<del> </del>			Date Date	o-		
Title 18 U.S	S.C. Section	n 1001 and	d Title 43 U	.S.C. Sect	ion 1212 mal presentations	ke it a crime for as to any mate	or any person know ter within its jurisdic	ingly and will	fully to make to any departme	ent or agency of the United

480. Proqueuon - Interval C