Form 3160-4 (September 2001)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED OMB NO. 1004-0137 Expires: January 31, 2004

	₩	LL U		·	1011 0	/IX IXE				. •	A110						8-0013	0.		
a. Type o	f Well		il Well	<u> </u>	Gas Wo	:11 🗆	Dry O	ther	iÜ	JU 6U	L I3	Till	1	17	6.	If Indi	an, Allot	tee or	Tribe Name	
	f Completi	on:		Nev	w Well		ork Over	☐ Dee	pen	Plu;	g Back	Diff.	Res	vr.			ache Tribe			
			c	Other _							REC	ETVED			7	Unit o	r CA Agı	reeme	nt Name and No).
2. Name o	f Operator									070	FARN	HNGTO	N	4.4	┧—。	Y	Name an	J W/-	11 Nr.	
Black Hills	Gas Resou	ırces, l	Inc															-	II No.	
3. Addres	ss				-				38	a. Phone	No. (inc	clude area	code	·)			-03-27 No Vell No.). 14		
	PO Box 2						<u>-</u>			<u>05-634-11</u>		17614			1	39-292				
1. Location of Well (Report location clearly and in accordance with Federal requirements)														10. Field and Pool, or Exploratory						
													East	East Blanco, Pictured Cliffs						
													11	. Sec.,	T., R., M	[., on	Block and Surv	/ey		
At top prod. interval reported below 355' FNL & 875' FEL (NENE) Unit A															or A	rea Sec. 27	, T30N	I, R03W		
A 4 4 - 4	ıl depth 35	KS' ENI	T & 97	s eei	NENE	\ I Init .	A.			(၉၁	() وده» ماره که	105	ĝ	그			y or Paris	h	13. State	
		75 114.							117	Process Co.	ريان ما ماران ما	1. 5 456	•	<u>(3)</u>		Arriba			NM_	
14. Date	Spudded			15. D	Date T.D.	Reach	ed		100	i. Date Co □ \D2		ı ৺ Zi Ready:	o Pr	હ્યું કે	17	. Eleva	tions (DF	, KKI	B, RT, GL)*	
0/11/2004				10/13/	/04					- 15	Ž٨,	12:23		104	GL '	7108	KB 7122			
8. Total	Depth: M					19. Pl	ug Back T					.20. Dop			ug Set			•	7	
		VD 3						TVI								_	/D			
21. Type E	lectric & C)ther N	Mechan	ucai L	ogs Run	(Subm	it copy of ea	ch)				22. Was		ll cored T run?	3	No No			bmit analysis) bmit report)	
														run? nal Sur		Z No	_	•	bmit copy)	
23. Casing	and Line	r Reco	ord (Re	port al	l strings	set in w	eli)								• • •			(_
Hole Size	Size/Gr		Wt. (#		Top (l		Bottom (N	(D) St		ementer		of Sks. &	1	Slurry V		Ceme	ent Top*		Amount Pulled	
			<u> </u>		· `		` '		Depth Type		of Cement		(BBL	'			╁	<u>-</u> .	_	
12-1/4"	8-5/8	*	24 1	ib	0		283'_				I	75 sx	╁	_			ırface	╁		
v	╫┈┈							+					╫		\dashv		c 1 bbi surface	╁╴		_
	1	\dashv		_									1				surrace	+	·····	
7-7/8*	5-1/2		15.5	lb ·	0		3682'				6	00 sxs	T			SI	ırface	1		_
		Ì															c 2 bbl			
4. Tubing	Record						-										<u> </u>			
Size	Depth	Set (1	MD)	Packer	r Depth (MD)	Size	De	pth Se	t (MD)	Packer 1	Depth (MD)	Size		Dept	h Set (MI)) P	acker Depth (M	D)
2-3/8"		3533'							-				上				,			
5. Produc	ing Interva Formation			1		Т.		1 20	-	foration			۵.							_
1) n:		<u> </u>		TOP			Bottom 3618'		Perforated Interval 3608-3618, 3548-356					Size No. H					f. Status	
Pictured	CHIS			+	3548'	\dashv	3018		3008-3018, 3348-3300		.44			112		Open				
C)				+		\neg								_						
))				†	···					···					-					
27. Acid, I	racture, Ti	reatme	nt, Cer	nent S	queeze,	Etc.				· · · · · · · · · · · · · · · · · · ·										
I	epth Inter	val								Aı	mount a	nd Type of	Mate	erial						
548'-3618'				Frac'	d w/ 990.4	MSCF	N2, 111 LBM	20/40 Br	ady Pro	opant				_						
				-	<u>-</u>															
20 D	tion - Inte	A						•												
Date First	Test	Hours		est	Oil		Gas	Water		Oil Gravi	ity	Gas		Produ	ction N	lethod				
Produced	Date	Tested	i P	roductio	on BBI	•	MCF	BBL		Corr. AP		Gravity								
3/12/05 Chaka	12/23/04 The Press	C00	_	4 175	0:1		1253	Water		C 03		Wall Cont		Flow	ing					
Choke Tbg. Press. Csg. Flgw. Press			4 Hr. Oil BBL			Gas Water MCF BBL			Gas: Oil Ratio		Well Status			, AC		CCEPTED FOR RECORD				
	SI						<u> </u>	<u></u>		<u></u>		Produci	ng					_		
	tion - Inte	_						T.m.										1	4 2005	
Date First Produced	Test Date	Hours Tested		est roducti	on BBI		Gas MCF	Water BBL		Oil Gravi Corr. API		Gas Gravity		Produ	ction M	ethod				
										1							FAHMIN	id i Ui	TIELU OFFIC	E
Choke Size	Tbg. Press.	Call Press		4 Hr.	Oil BBI		Gas MCF	Water BBL		Gas: Oil Ratio		Well Sta	lus				DV-dr		NonoGU	
	Flwg. SI		"		""	-						-								

28b. Produc	ction - Inter	val C											
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	Tbg Press Fiwg. SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status					
28c. Produc	ction - Inter	rval D											
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Cort. API	Gas Gravity					
Choke Size Thg Press Csg. Press Size SI				Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status					
29. Disposi	ition of Gas	s (Sold use	d for fuel, v	vented, etc.)									
Show tests,	all import	ant zones	Include Aquof porosity al tested, cu	and content	31. Formation (Log) Markers								
Forma	ation	Тор	Bottom		Descriptions, Contents, etc.				Name				
	ACTO II	ТОР	Dottom			phone, come				Meas. Depth			
32. Additi	onal remar	cs (include	plugging p	rocedure):									
32. Additional remarks (include plugging procedure):													
1 Ele	33. Circle enclosed attachments: 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 6 Core Analysis 7 Other:												
34. I herel	34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*												
Name	(please pri	nt) Agatha	Snell		ative Tech.		····						
Signat	Signature Ugatha Sill Date 7/15/2005												

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.