Form 3160-4 (September 2001)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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

	AAE	ELL U	,UIVIP	'LC II	ON OR F	KECUMPL	E HO	IN KE	PURI	AND	/LU	J G				e Serial No Intract 462).	
la. Type	of Well	П)il Wel		Gas Well	Dry O	ther					·····					ee or Tribe Na	nme
	of Complet					Work Over		eenen	☐ Plu	Back		Diff	Resvr.	l i		ache Tribe		٠,
			_)ther						.B 254.							ement Name	and No.
2. Name	of Operato	r									۸	IVE			0.7			
Black Hill	s Gas Reso	urces, l	nc						شكير	(\$) \ \	. •	T 3 6					i Well No.	
3. Addre								3	a. Ptione	No. (in	clyd	e area e	ode)	\ ⊢		2-22 No. 22 Well No.	<u>'</u>	
	a Street, St				olden, CO 8			7.	3a. Pthone 20/210-1.	3 0 0 , 1	<i>. "!</i>	1/2 W	ى .	A	9. AFI -039-278			1
4. Location	n of Well	(Report	t locati	on clea	rly and in ac	ccordance wit	h Feder	rai regi	uitements) • X ()	in Fe	000	-	4			or Explorator	
At sn	rface 107	S' ENI	& 205	o emi	(SENW) Ur	ait E					10	وزي ا		4		o, Pictured (-	,
11.02.	197	JIND	ac 203	OIWL	(SEITH) OI	ant r			150		•	0,	্ই	₹ —	1. Sec.	T., R., M.	on Block ar	id Survey
At to	prod. inte	rval rej	orted 1	below	1975' FNL &	2050' FWL (SENW) Unit I		5 ₂₅	-		(0)	' <u> </u>	or A	rea Sec. 22,	T30N-R03W	-
At tot	al depth I	975' FN	NL & 2	050' FW	VL (SENW)	Unit F			×		2.61	مللم إلى	3/2		2. Coun Arriba	ty or Parish	13. Stat	e
14. Date	Spudded			15. Da	te T.D. Read	ched		16	6. Date Co	mplete	d						RKB, RT, G	L)*
	•								□ D4	&A (Ø,	Ready to	Prod.					-
7/8/2004	Depth: M	FD 20		7/11/20		bl bb. T	D . M	D 2262			11	18/0				7222' DF, 7	209' GL	
18. 10121		VD—			19.	Plug Back T.		/D-37€			20.		- Briage	Plug Se		۸D		
21. Type F	electric & (Other M	[echan	ical Log	gs Run (Subi	mit copy of ea	ch)				22	. Was	well co	red?	☑ No	Yes	s (Submit ana	lysis)
													DST ru		☑ No		s (Submit repo	
HRI, LSS,			1 (5									Direc	ctional	Survey?	☑ No	Yes	(Submit copy	<u>')</u>
23. Casing	g and Line	r Keco	ra (Kej	ort all s	strings set in	well)	T (Stage C	ementer	No.	of SI	ks. &	Stor	ry Vol			T	D. U. A
Hole Size	Size/G	rade	Wt. (#	/ft.)	Top (MD)	Bottom (MD)			pth			ement	Slurry Vol. (BBL)		Cem	ent Top*	Amount Pulled	
12 1/4"	8 5/8		24		O'	264'					175 sz	x			SI	rface;		
<u>.</u>	ļ			_												c 7bbls		
				_										-	 	surface	<u> </u>	<u>. </u>
7 7/8"	5 1/2	<u> </u>	15.5	·	0'	3810	-+			7	750 sz	×			1	rface; c 16bbl	 	
							+								 	surface	<u> </u>	 -
24. Tubing	Record				•													
Size		n Set (N	/ID) I	Packer I	Depth (MD)	Size	I	Depth Se	et (MD)	Packer	Dept	th (MD)		Size	Dept	h Set (MD)	Packer De	pth (MD)
2 3/8*	3	3606.7'																
25. Produc	ing Interv	als						26. Per	foration	Record	<u> </u>							
	Formatio	n			TOP	Bottom	_		rforated I				Size	No.	Holes		Perf. Status	
A) Pictured	Cliffs			ļ	3700	3760	-	370	00-3710, 37	50-3760		 	4	4	10			
B)				1										 				
C) D)				 								+		+		 		
27. Acid, I	Fracture T	reatme	nt Cerr	ent Sai	neeze Etc.							J		<u></u>				
	Depth Inter		,		,				Aı	nount a	nd T	ype of M	Laterial			··· · · · · · · · · · · · · · · · · ·	. <u> </u>	
3700-3760 Acidize w/1000 gals of 3% HCl. Frac w/70Q									OQ N2 FOAM/WF120, 70% QUALITY FOAM. 120,136 LBS. OF 20/40 ARIZON SAND AT 1.0 TO 4.0 PPG									
				STAGE	ES. 657,000 S	CF NITROGEN												
				ļ														
29 Brodu	ction - Inte	mint A		<u> </u>														
Date First	Test	Hours	Te	st	Oil BBL	Gas	Water		Oil Gravi	ity	10	Gas	P	roduction	Method			
Produced	Date	Tested	Pr	oduction	BBL	MCF	BBL		Corr. AP	Ī	19	Gravity						
Choke	10/7/04 Tbg. Press.	Csg.	24	Hr.	Oil	92 Gas	Water	36	Gas: Oil		-	Well Status		owing				
Size	Flgw.	Press	Ŕ	ite	BBL	MCF	BBL		Ratio		'	TOTE DIRECTION	•					
3/8"	12	<u> </u>			<u> </u>	<u> </u>	L		<u> </u>		<u> v</u>	Vaiting o	n Pipel				 .	
28a. Produ Date First	ction - Inte Test	rval B Hours	Te	et	Oil	l Gan	Water		00.0	tiv	17	300	I n	oduction N	dathar		مرق	-
Produced	Date	Tested		oduction		Gas MCF	BBL		Oil Gravi Corr. API			Gas Gravity		OGUCTION N	POI 131v		KECON	
		<u> </u>			1						丄					2,0K	do.	
Choke Size	Tbg. Press. Flwg. Sl	Call Press		Hr. ate	Oil BBL	Gas MCF	Water BBL		Gas: Oil Ratio		ľ	Vell Statu	S			100	2 2015	
	SI	l	- 1			1	l		ŀ		- [~~	NAR		

28b. Produ	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	
	The Person	2	24 Hr.	0.1	10	Water		Well States	i i i i i i i i i i i i i i i i i i i	
hoke ize	Tbg Press Flwg. SI	Csg. Press	Rate	Oil BBL	Gas MCF	BBL	Gas: Oil Ratio	Well Status		
c. Produc	tion - Inter	val D	<i>,</i>			<u> </u>	·			
ate First roduced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
hoke ze	Thg Press Flwg. SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status		
. Disposi	tion of Gas	(Sold use	d for fuel, v	ented, etc.)	-1	**************************************		!	,	<u> </u>
	ry of Porou	s Zones (Include Aqu	ifers):			7. 7	31. Format	ion (Log) Markers	
tests, i	all importa ncluding de coveries.	nt zones o epth interv	of porosity a ral tested, cu	and content shion used,	s thereof: (time tool o	pen, flowing	als and all drill-ste and shut-in pressur	m ·		
			1 :	.1 .		graphy of the State of the Stat	·			Тор
Forma	tion	Тор	Bottom		Desc	riptions, Cont	ents, etc.		Name	Meas. Depth
					•	`.			San Jose Nacimiento	surface 2085
						· ·			Ojo Aiamo	3191'
	ŀ]		-				Kirtland	3421'
				· [.		-			Fruitland	3601°
] ,			w.		. *	Pictured Cliffs	3700
			}							÷
	·			1			•			•
									-	.•
	1									•
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÷	.			-	-	•	4			
	.					t,	,			-
. Additio	nal remark	(include	plugging pro	ocedure):	-				· · · · · · · · · · · · · · · · · · ·	
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. Circle e	nclosed atta	achments:	•	7					,	
		-	gs (1 full set ng and cemen			ieologic Repo Ore Analysis		=	Directional Survey	
. I hereby	certify the	it the fores	going and att	ached infor	mation is c	omplete and	correct as determin	ed from all availa	able records (see attached instruc	ctions)*
Nt (o Ast:	Januar 1				Tista Enginee	ring Technician		
Name ()	olease prim	Amison N	NEWCOMD			:	1 III Enginee	wik reconnectin		·
0:	. ()	سررا ا	247	111700	mb		Date 2/3/200	•		•
Signatu	<u>تبب</u> ت	ابلاهت		للايبين			Date <u>2/3/2003</u>	· · · · · · · · · · · · · · · · · · ·		

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