Form 3 i%0-4 • (September 2001)

D

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

	FORM APPROVED											
	OMB NO. 1004-0137											
	Expires: January 31, 2004 5. Lease Serial No.											
	<i>,</i>	Jic 4		I NO.	•							
+				1	_	- 1	Tribe Name					
,			illa Ap		e 0	er i	ribe Name					
	- 7				em	en	t Name and	No.				
_<	0		/A	0								
٠	8	Leas	e Name	and	W	ell	No.					
'N	M.											
	9. API Well No.											
		30-0	39-2430	19								
\	10). Field	and Po	ol, o	гĒ	Exp	oloratory					
		East	Blanco;	Pict	ıre	d C	Cliffs					
3	1	I. Sec.	, T., R.	, M.,	10	n E	Block and S	urve				
		or Area 31, 30N-3W										
	12	2. Coun	ty or Pa	rish	13. State							
		Rio A	Arriba		NM							
	1	7. Elev	ations (DF,	RK	B,	RT, GL)*					
1	Set		G' GL ID									
Ing	, 50		VD									
d?		□ N					mit analysis	()				
		□и	, <u> </u>				mit report)					
rve	y?	☐ No	<u> </u>	Yes	(S	ubi	mit copy)					
Vo: L)	l.	Cem	ent Top	,*		1	Amount Pull	ed				
	_											
e		Dep	th Set (1	Ī	Pa	cker Depth	(MD					
					\perp							
N	o. F	Ioles		Perf. Status								

												21335		Jic 4	64		
la. Type	of Well	Oil	Well [√ Gas	Well [Dry C	Other		· · · · · · · · · · · · · · · · · · ·		ñ	M	7	6. If In	dian, Allotte	e or T	ribe Name
b. Type	of Complet	ion:				Work Over		eepen	🔲 Plu	ig Back	Diff	f. Resvr.	/ L		rilla Apache		
			Othe	r (***		. '			04 F	ĒB 20	AH I	n: 🕽	7. Unit	or CA Agre	ement	Name and No.
2. Name	of Operato	r				Tana a								, N	I/A		
	-		ect whol	lv-owned	l subsidi	arv of Black	Hills Ex	kplorat	ion. Inc.	016 V	LBUQU	ERQU	E. N.	8. Leas	e Name and		No.
3. Address 3a. Phone to Vinclude area code)												[·	Jicarilla 404 No. 5				
350 Indiana Street, Suite 400, Golden, CO 80401													9. API Well No.				
4. Location of Well (Report location clearly and in accordance with Federal requirements)* APB												<u>a</u> -	30-039-24309 10. Field and Pool, or Exploratory				
4. Location of Well (Report location clearly and in accordance with Federal require periods)* APR 2004 At surface 1059' FNI and 1444' FFI (NWNF) Unit B												East Blanco; Pictured Cliffs					
At surface 1059' FNL and 1444' FEL (NWNE) Unit B													11 Sec	TRM	on B	lock and Surve	
At surface 1059' FNL and 1444' FEL (NWNE) Unit B At top prod. interval reported below 1059' FNL and 1444' FEL (NWNE) Unit B												31	or Area 31, 30N-3W				
									//0		. 0	. A	ÿ [12. Cour	nty or Parish		13. State
At to	tal depth 1	059' FNL	and 144	44' FEL (NWNE)	Unit B			46	100				Rio Arriba NM			NM
14. Date	Spudded		15	. Date T.	D. Reac	hed		1	6. Date C		_ (:[))	The state of the s		17. Elev	ations (DF,	RKB,	RT, GL)*
12/3	ΩQ								Ŭ D	&A 🚡	Ready	to Prod.		707	5' GL		
	Depth: N	4D			19. F	lug Back T	.D.: M	D 40	17'		20. Der	oth Bridg	e Plug S		AD		
		TVD				ing Duvit 1		/D			20. Dep	,,,, D,,,Q,	• 1 10 <u>5</u> 5		VD		
21. Type 1	Electric & (Other Me	chanical	Logs Ru	n (Subn	it copy of ea	ach)				22. Wa	s well c	ored?	И			mit analysis)
										ŀ		s DST n		И			nit report)
22 Casin	a and I in a	- Dagged	(D	-11 -4							Dir	rectional	Survey?	U N	o L Yes	(Subn	nit copy)
23. Casiii	g and Line						Ts	Stage (Cementer	No. o	of Sks. & Sturry Vo					<u> </u>	
Hole Size	Hole Size Size/Grade Wt. (#/ft.) To			Top	(MD)	Bottom (N	VD)					of Cement (BBI		Cement Top*		A	Amount Pulled
								1									
						ļ	_					ļ		ļ		<u> </u>	
•						ļ <u> </u>						 				<u> </u>	
				_											·		
24. Tubin	g Record					1				I		Ц		ــــــــــــــــــــــــــــــــــــــ		L	
Size		1 Set (MD) Pac	ker Deptl	(MD)	Size		Denth S	et (MD)	Packer I	Depth (MI	2)]	Size	Den	oth Set (MD)	Pac	ker Depth (MD)
2-3/8"		3092'	/	3098'	. (2)		_	op.ii s	(LVLD)	A GONOL E	opin (ivi	7	5120	Dep	in bet (inb)	1 40	Ker Depth (MD)
	ing Interv							26. Pe	rforation	Record		_1					
	Formatio	n		TOP		Bottom			Perforated Interval			Size N		No. Holes		Perf.	Status
A) Picture	d Cliffs			3729		3998'			3729-32', 3736-46', 3751-84'			,					
B)								3787-8	9', 3792-38	11',	l',						
<u>C)</u>								3816-	-20', 3955-60', 3969-76',								
D)								3	3979 -82 ', 39	92-98'	L		<u> </u>		<u> </u>		
	Fracture, T Depth Inter		Cemen	t Squeeze	, Etc.						17	23.6.4.1.1					
-	Depth Titler								Al	nount an	d Type of	Materia					
																	
				-													
28. Produ	ction - Inte	rval A						***									
Date First Produced	Test Date	Hours Tested	Test Produc	otion Bi	l 3L	Gas MCF	Water BBL		Oil Gravi Corr. AP	ity	Gas Gravity	P	roduction	Method			
12/12/97	11/15/03	24	1	7 7	0	207		0	Con. Ai	•	Giavily	١,	Flowing				-20
Choke	Tbg. Press.	Csg.	24 Hr			Gas	Water		Gas: Oil		Well Stat		lowing			-02	RECORD
Size	Flgw. SI	Press	Rate		3L	MCF	BBL						Flowing ACCEPTED FOR REF			. 01	
20. 0. 1	<u> </u>	660				<u> </u>	<u>L</u>		1		Producing			- 1	VCCC.	- :	2002
Date First	ction - Inte	rval B Hours	Test	Oi	1	Gas	Water		Oil Gravi	tv	Gas		raductio-	Math - d	0.0	R.	\$2.
Produced	Date	Tested	Produ		iL.	MCF	BBL		Corr. API		Gas Gravity		roduction	метпод	1801	• -	
-0.	771	0.0				<u></u>	<u> </u>		<u> </u>								-
Choke Size	Tbg. Press. Flwg.	Call Press	24 Hr. Rate	. O	l BL	Gas MCF	Water BBL		Gas: Oil Ratio		Well Sta	tus					
	SI		1 _	7													
1900 innte	untions and	1 000000	or addit	fianal dat		of page			·								

28b. Produ	ction - Inte	rvar 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 Flwg. SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status							
28c. Produ	ction - Inter	rval D		<u> </u>	<u> </u>										
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	Well Status						
29. Dispos	ition of Gas	(Sold use	d for fuel, v	ented, etc	.)		· · · · · · · · · · · · · · · · · · ·								
30. Summa	ary of Poro	us Zones (1	include Aqu	ifers):	31. Format	tion (Log) Markers									
Show tests,	all import	ant zones o	of porosity a al tested, cu	and conte	, j										
Form	ation	Тор	Bottom		Desc	riptions, Cont	ents, etc.		Name						
Ojo A	lamo	3202	3402			water			Ojo Alamo	3202					
Kirt	land	3402	3662			water			Kirtland	3402					
Fruitlar	nd Coal	3662	3725		,	water, natural	gas		Fruitland Coal	3662					
Picture	d Cliffs	3725	4110			natural ga	s		Pictured Cliffs 3725						
32. Addition	onal remark	ss (include	plugging pr	ocedure):											

1 Ele		hanical Lo	gs (1 full set			Geologic Rep Core Analysis		-	Directional Survey						
34. I hereb	y certify th	at the fore	going and at	tached int	ormation is o	complete and	correct as determined	from all avail	lable records (see attached insti	ructions)*					
Name	Name (please print) Allison Newcomb Title Engineering Technician														
Signat	ure <u>(</u>	US	m	Nei	U(M	b_	Date 2/18/04								

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.