Form \$150-4 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0137 Expires: July 31, 2010

	W	ELL CO	OMPLE	TION OR F	RECOMPLE	TION RE	PORT	WND TO			5. Lease Se	rial No. 1 008122	6
la. Type of	F Wall	LOI	Well	Gas Well	X Dry	Other	11 47					, Allottee or T	
b. Type of	f Completion	i: 🔯 Nev	w Well	Work Over	Deepen [Plug Back	☐ Dif	f Q€√ ., 3	0 200	17	7 Unit or C	'A Agreement	Name and No.
		Oth		<u> </u>			- Bure	au of Lar	d Manag	ement	·		
2 Name of	f Operator	BOLAC	K MIN	ERALS CO	OMPANY			armingtor			8. Lease Na THOMA	me and Well I S F. BO	LACK #1 WELL
3. Address	loomfi	~1d H	i chus	v Formir	acton M	4 87401	a Phone	No. (include)5–325-)	9 AFI Wel 30045	1 No. 32583	
4 Location	of Well (R	eport loca	tion clear	y and in accord	ngton, M lance with Feder	al requireme	ents)*	<u> </u>	42/5		10 Field an	d Pool or Exp	loratory
Ateurfa	1935'	FSI.	and 8	७७७ ३ ० ६' हरा	Section	n 3. T-	-30 - N	R-16-	-W W 1	мрм	WILDC	AT McCR	ACKEN ock and SE 4, Section
At Surra	1000	LOD	and y	JOO LEE	, 5000110	5, 1	50 11,	, 1(10	149 1441	11.T . 11.	Survey	or Area To	wnship 30 Nort
At top pr	od interval r	reported be	elow S	Same				•		•	12. County	or Parish	13. State
4	lauth Ce										San J	uan	New Mexico
At total c	nudded	ame	15. Da	ite T.D. Reache			Date Comp				17. Elevation	ons (DF, RKB	, RT, GL)*
NOVEI	nber 8. Depth: MD	9329) J8	nuary 1	7, 2007 ig Back T.D.:		XID&A 5		ly to Prod Depth Bri	dge Plug Se		14' KB	
	TV)	D		Run (Submit co		TVD		22.	·		TVD	Yes (Submit a	analysis)
ει. Iype b				y submit				22.	Was DST	run?	IX No □	Yes (Submit r	eport)
23. Casing				rings set in wel					Direction	al Survey?	□No ☑	Yes (Submit	сору)
Hole Size	Size/Gra		t. (#/ft.)	Top (MD)	Bottom (MD		ementer opth	No. of Type of		Slurry Vo (BBL)	Оепт	ent Top*	Amount Pulled
12岁"	9 5/8	3"	36# 3	Surface	521'		/A	275 5x		57.8	Sur	face	
8 3/4' 6½''	7''			Surface	5386'	34	40	1125 5	-	_360.0	l l	face	
6岁"	4½"	1:	1.6#	5182 '	8938	N	/A	640 5x	: ''C''	_244.(518	2'	
											-		
24 Tubing Size	Record Denth S	Set (MD)	Packer	Depth (MD)	Size	Depth Se	et (MD)	Packer Dep	th (MD)	Size	Dent	h Set (MD)	Packer Depth (MD)
N/A										<u> </u>		a der (ma)	Tuoke. Depth (HID)
25. Produc	ing Intervals Formation			Тор	Bottom		rforation I forated In		Si	ze	No. Holes	I	Perf. Status
⁴⁾]	Leadvi		86	550'	8879 '		' to			38"	76		1 Citi Otatus
3)						8668	' to	8672 '					
C) O)						8765	' to	8 775'					
	racture, Trea	itment, Ce	ment Sque	eze, etc.								L	
	Depth Interv							mount and	Type of Ma	terial			
				-29 - 07 -31 - 07	Set CIE Set CIE							RCUD	DEC 6 '07
				-8-07	Cap CIE			C @ 85	85'				<u></u>
					Oup Cir	z wy Oili		<u> </u>					CONS. DIV.
		1A 87	765' -	- 8775 ' 0i1	Gas	Water	Oil Grav	itv k	Gas	Producti	on Method	L	SIST. 3
	ion - Interva		Test	ŲΠ		BBL	Corr. AP	- 1	Gravity	, roducti			
Date First Produced	Test Date	Hours Tested	Producti	on BBL	MCF		1		•	1			
Date First Produced 5-25	Test Date 5-25	Hours Tested 16	Producti	on BBL TSTM	0	299	N/A		N/A		SWAB/FLO	WC	
Date First Produced 5-25 Choke	Test Date 5-25 Tbg. Press.	Hours Tested 16	Producti	on BBL	O Gas		1		•		SWAB/FLO	WC	
Date First Produced 5-25 Choke	Test Date 5-25 Tbg. Press.	Hours Tested 16 Csg	Production 24 Hr.	on BBL TSTM Oil	O Gas	299 Vater	N/A Gas/Oil		N/A		SWAB/FLO	OW .	
Date First Produced 5-25 Choke	Test Date 5-25 Tbg. Press. Flwg.	Hours Tested 16 Csg Press. N/A	Production 24 Hr.	OII BBL OII BBL O	O Gas MCF	299 Water BBL	N/A Gas/Oil		N/A		SWAB/FLO	OW	·
Produced 5-25 Choke Cize 2'' 8a. Produced	Test Date 5-25 Tbg. Press. Flwg. SI 310 tion - Interv. Test Date	Hours Tested 16 Csg Press. N/A at B 86 Hours	Production 24 Hr. Rate Test	OII BBL OII BBL O OII BBL OII OII OII OII OII OII OII OII OII OI	Gas O	299 Water BBL 720 Water	N/A Gas/Oil Ratio	ity (N/A Well Status		SWAB/FL	W	
Date First Produced 5-25 Choke Size 2'' 18a. Produc Date First Produced	Test Date 5-25 Tbg. Press. Flwg. SI 310 tion - Interv. Test Date	Hours Tested 16 Csg Press. N/A at B 86 Hours Tested	Production 24 Hr. Rate	TSTM Oil BBL O - 8672' Oil BBL	Gas Control of the Co	299 Water BBL 720 Water BBL	N/A Gas/Oil Ratio Oil Grav Corr AP	ity (N/A Well Status Gas Gravity	Producti	on Method	OW	
Date First Produced 5-25 Choke Size 2'' 08a. Produced Produced 5-30 Choke	Test Date 5-25 Tbg. Press. Flwg. SI 310 tion - Interv. Test Date 5-30 Tbg. Press.	Hours Tested 16 Csg Press. N/A al B 86 Hours Tested 6	24 Hr. Rate Test Production	OII BBL OII BBL O OII BBL OII OII OII OII OII OII OII OII OII OI	Gas MCF O Gas MCF	299 Water BBL 720 Water	N/A Gas/Oil Ratio Oil Grav Corr AP	ity (1	N/A Well Status	Producti SWA	on Method		
Date First Produced 5-25 Choke Size 2'' 18a. Produce Date First Produced 5-30 Choke	Test Date 5-25 Tbg. Press. Flwg. SI 310 tion - Interv. Test Date 5-30 Tbg. Press.	Hours Tested 16 Csg Press. N/A al B 86 Hours Tested 6	24 Hr. Rate Test Production	on BBL TSTM Oil BBL O - 8672 Oil BBL O - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0	Gas MCF Gas MCF Gas MCF Gas MCF Gas	299 Water 3BL 720 Water 3BL 75	N/A Gas/Oil Ratio Oil Grav Corr AP N/ Gas/Oil Ratio	ity (1	N/A Well Status Gas Gravity N/A	Producti SWA	on Method		

28h Prod	uction - Inte	rval C				<u>::</u>	· · · · · · · · · · · · · · · · · · ·			
Date First	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method	
Produced		Tested	Production	BBL	MCF	BBL	Corr. API	Gravity		
			-							
Choke	Tbg. Piess		24 Hı	Oil	Gas	Water	Gas/Oil	Well Status		
Size ."	1. 3	Press.	Rate	BBL	MCF	BBL	Ratio			
	SI		-							
28c Prod	uction - Inte	rval D		. I	L		,			
Date First		Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method	
Produced		Tested	Production	BBL	MCF	BBL	Corr API	Gravity		
							0.15.1		<u> </u>	
Choke Size	Tbg Press Flwg.	Csg. Piess.	24 Hı. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oıl Ratio	Well Status		
Size	SI	1,000								
		L <u>.</u>		L			<u> </u>			
29. Dispo			ed for fuel, ve							
					le compl	etion op	perations			
30. Sumn	nary of Poro	us Zones (Include Aqui	fers)				31 Formation	on (Log) Markers	
Show a	ıll ıniportant	zones of p	orosity and co	ontents the	reof. Cored int	ervals and all d	rill-stem tests,	See	attached sheet e	ntitled
		erval testec	l, cushion use	d, time too	l open, flowing	and shut-in pro	essures and		rmation Electric	
recove	nes.							l FO	Imation Electric	rog tops
			1			·				Тор
Form	nation	Тор	Bottom	1	Descrip	otions, Content	s, etc.	į	Name	Meas Depth
			 							Micas Depui
								•		
									•	
								ļ.		
			SEE	TNFO	RMATTON	CONTATNI	ED HERETN	AND ATTA	CHED HERETO	
						0011111111			OILD ILICIO	
						•				
								l		
								İ		
								1		
•										
				-						
32. Addıti	onal remark	s (include p	olugging proc	edure):						
										•
						7 .				,
						احر				` '
33 Indicat	e which iter	ns have bee	en attached by	placing a	check in the ap	propriate boxes	3			
☐ Elect	racal/Mechai	nical Logs (1 full set req'd	1)	□Ge	ologic Report	☐ DST Re	nort	☐ Directional Survey	
			nd cement ver					port	Directional startey	
						re Analysis	Other		411	
34 I hereb	y certify tha	t the foreg	oing and attac	hed inform	nation is compl	ete and correct	as determined from	n all available red	cords (see attached instructions)*	
Na	me (please)	print)	TOMMY E	BOLACK		-	Title GEN	ERAL PART	TNER	
			4		11					
اد	gnature		1 6	my /	na	l	Date <u>Oct</u>	ober 30	2001	
Tule 10 II	C C- :	100:	Tin. 10 11 5 1		1212 : :					
false, fictin	ous or fraud	1001 and 1 ulent states	Title 43 U.S.(ments of repre	Section esentations	1212, make it a as to any matte	crime for any per within its nor	oerson knowingly : isdiction	and willfully to n	nake to any department or agency o	of the United States any
(Continued			от терго							(Form 21/0 /
, commued	איי המפר ז)									(Form 3160-4, page 2)

FORMATION ELECTRIC LOG TOPS

YSTEI	<u>M</u>	F	ORM	ATION LO	DG TOP Drill Dept	DATUM ELEV'N.	5.714° KB
Cres	taceo	us	Poir	nt Lookout Sand	ground	5,700	All Depths in Feet
	Orogo				<i>1</i> ⊇″.		
•				ncos Shale	400	5,314	
				ito/Gallup Sand	1,565	4,149	
				ostce Calcareous Sand	1,750	3,964	
				enhorn Limestone	2,090	3,624	
				meros Shale	2,150	3,564	
	1	K/1		cota Sand	2,210	3,504	
Ju	rassio			orrison Shale/Sand	2,405	3,309	
	. 4000			uff Sand	3,260	2,454	
				mmerville Shale	3,325	2,389	
				dilto Limestone	3,400	2.314	
		J-2		trada Sand	3,440	2,274	
Tr	iassi			inle Shale/Sand	3,550	2,164	
, .		R-3		inarump Sand	4,860	854	
	•	IX V		penkopi Shale	4,892	822	
Δ 12	cestr	al Ro		s (Uncompaghre)	1,072	V	
				Chelly Sand	4,990	724	•
Permian				ler Sand/Shale	5,222	492	
Δn	cestr	al Ro	ckies		J ,	,	
	nsylv			2			
(0	15) 11			naker Trail/Limestone	6,720	-1,006	
				Boundary Butte	7,560	-1,846	
H		P	S	Doundary Dance	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1,001	
e	G	a	t	Ismay/Limestone	7,600	-1,889	
Г	Γ	r	a	Desert Creek/Limestone		-1,996	
m	0	a	g	Akah/Limestone	7,820	-2,106	
0	u	d		Barker Creek/Limeston		-2,226	
s	р	0	S	Alkali Gulch/Limestone	•	-2,486	
Я	r	x	•		, , , , , ,	, • ·	
**			Pin	kerton Trail/Limestone	8,300	-2,586	
				las Shale	8,610	-2,896	
Аг	ıtler				-,	-,	
Miss		pian	I,ea	dville/Limestone	8,650	-2,936	
Dovo	nian			ray/Limestone	8,880	-3,166	ere.
				pert Shale/Dolostone	8,935	-3.221	
			Mo	Cracken Sand	9,075	-3,361	
			An	eth Dolostone	9,166	-3,452	
Prec	ambi	ian	An	idesite	9,295	-3,581	
				TOTAL DEPTH	9,329	-3,615	

CONFIDENTIAL - TIGHT HOLE

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED OMB NO. 1004-0137

			В	UREAU OI	F LAND MA	NAGEMI	ENT					Expires. J	uly 31, 2010
	. 1/1	/FLL C	OMPL	FTION OR	RECOMPLE	TION RE	PORT	AND LO	G		5. Lea	se Serial No.	
•	**		VIIII L		112001111 22						NM	SF 00812	26
la. Type of	f Well	O	l Well	Gas Well	X Dry	Other	IN L		i Vi		6. If I	ndian, Allottee or	Tribe Name
b. Type of	f Completion	n. 🔽 Ne	ew Well	Work Ove	X Dry The Deepen L	🛘 Plug Back	Di:	ff Resvr.,					
		Ot	her:				Į	OCT 3	0 2007	7	7. Un	it oi CA Agreeme	nt Name and No.
2. Name o	f Operator	BOLA	CK MI	NERALS (COMPANY		Bureau	of Land	Manage	ement	8. Lea	ose Name and Well	II No. OLACK #1 WELL
3. Address			1			13	a Phone	NOSTATULE	eniea cod	€)e	9 AF	I Well No.	
3901 E	3Loomia	LeId I	<u>lighw</u>	ay, tarmi	ngton, M rdance with Fede	1 8/40]	L 5(05-325	<u>-4275</u>		10 Fi	04532583 (N ploratory
4. Location	II OI W Ch (A		anon Lica	860	admee man reac	ur regimeme					WI	eld and Pool or E LDCAT McC	RACKÉN
At surfa	ce 1935	' FSL	and	806' FE	L, Sectio	n 3, T-	-30 - N	, R-16	-W, N	.M.P.1	M. 11 Se	c., T., R., M., on	Brock and SFŁ, Section 3, Cownship 30 North, st, N.M. P.M.
											Rai	nge 16 We	st. N.M.P.M.
At top pi	od interval	reported l	oelow	Same									
At total c	depth S.	ame									1	n Juan	New Mexico
14 Date St	nudded		6 15. I	Date T.D Reach	ned 1.7 2007	16.	Date Com	pleted	.d		. 17. El	evations (DF, RK 5.714' KB	(B, RT, GL)*
18. Total D	mber 8 Depth. MI	93	29'	19. F	17, 2007 lug Back T.D.:	MD 8	XD&A 715	Rea 20	dy to Prod Depth B		Set: N	D / 14 KD	<u> </u>
	TV	D D				TVD		22			T	VD	1
21. Type i			_	Run (Submit c	•			22	. was we Was DS		☐ No ☑ No	Yes (Subm	it analysis)9306° to 9329° at report) (no analysis)
23 Casing				dy submi strings set in w					Direct10	nal Survey	? No	Yes (Subm	it copy)
Hole Size			/t. (#/ft.)	Top (MD)	Bottom (MI		Cementer	No. of		Slurry		Cement Top*	Amount Pulled
12½"	9 5/			Surface	` _	. De	epth /A	Type of 275 52	Cement	57.8		Surface	
8 3/4				Surface		3440		1125		360.		Surface	
<u> </u>	41/311			5182'	8934'		<u>/</u> A	640 52		244		5182'	
			· · · · · · · · · · · · · · · · · · ·						· · · · ·				
24 T bin	D												
24 Tubing Size		Set (MD)	Packe	r Depth (MD)	Size	Depth S	et (MD)	Packer De	pth (MD)	Siz	e	Depth Set (MD)	Packer Depth (MD)
N/A													
25. Produc	ing Intervals Formation			Тор	Bottom		rforation forated In			Size	No. Ho	les :	Perf. Status
A) P	inkert		ail	8300'	8609'	8410		8418'.	0.3		56	103	Terr. otatus
B)						8600		8606'					
C)													
D)						_1							
27. Acid, F	Depth Inter	atment, Co val	ement Squ	ieeze, etc				Amount and	Type of N	Material			
8600'	- 06'			- 4-07	1000 Gal		cl.					RC	VD DEC 6'07
<u>8410'</u>	<u>- 18'</u>			5-11 - 07	1000 Gal							01	CONS. DIV.
				5 - 8-07	Set CIBI						0.000		DIST. 3
28 Product	ion - Interve	1 A C	600!	5-13-07 - 8606'	Set CIBI	0 839	0. x C	ap w/	cmt	TOC	@ 8332	<u></u>	
Date First	Test Date	Hours	Test	Oil		Water	Oil Grav	/ity	Gas	Produ	iction Metl	nod	
Produced	}	Tested	Product	tion BBL	1	BBL	Corr. Al		Gravity				
<u>6-5</u>	6-7	5		0	0	52	N/A		N/A		WAB		· · · · · · · · · · · · · · · · · · ·
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL		Water BBL	Gas/Oil Ratio		Well Statu	tS			
2"	sı O	0	_	• 0	0	250	N/A		 				
28a Produc	1	i					1 11/15	· 					
Date First	Test Date	Hours	Test	Oil	1 1	Vater	Oil Giav		Gas	Produ	ection Meth	nod	
Produced	!	Tested	Product		1	BBL	Cort AF		Gravity				
6-9 Choke		8.5	-		0	89 	N/A		N/A		AB		
	Tbg. Press. Flwg	Csg. Press.	24 Hr. Rate	Oil BBL		Water BBL	Gas/Oil Ratio		Well Statu	15	魔	N. WUIT	CHESCORD .
	sı Ö	0		0	0	251	N/A					OCT 1	·-

⁰ *(See instructions and spaces for additional data on page 2)

20h Brad	uction - Inte	aval C				., 5., 75				
Date First	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method	
Produced		Tested	Production	BBL	MCF	BBL	Corr API	Gravity		
	İ		-							
Choke	Tbg. Piess	Csv.	24 Hr	Oil	Gas	Water	Gas/Oıl	Well Status		
Size	Flwg.	Press.	Rate	BBL	MCF	BBL	Ratio			
	SI		_		1					
	<u> </u>	<u> </u>								
28c. Prod	uction - Inte	rval D Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method	
Date First Produced	l'est Date	Tested	Production	BBL	MCF	BBL	Corr. API	Gravity	l Todaction Method	
,'										
						- 137	0.101	111 11 6	J	
Choke	Tbg. Press	C'sg Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/O1l Ratio	Well Status		
Size	Flwg. SI	11055.	Kate	DBL	IVICI	DBC	Katio			
	Γ.	1		ļ	Í					
29. Dispos	sition of Gas	(Solid, us	ed for fuel, ve	nted, etc.)						
	Τ£	anu	wonted	rzhil.	o comple	tion on	erations w	roro cond	ustad	
20 Cum	LI.	us Zones	(Include Aqui	fers)	e compre	ecton ob	eracions w		on (Log) Markers	
50. Sunin	iary or roso	us Zones ((Include Aqui	icis).				31 Tomatic	on (Eog) Markers	
							drill-stem tests,	See	attached sheet ent	itled
		erval tested	i, cushion use	d, time too	ol open, flowing	g and shut-in pi	essures and	''For	mation Electric Lo	og Tops"
recover	nes.									0 1
		1								Тор
Form	nation	Тор	Bottom		Descri	ptions, Conten	ts, etc.		Name	
										Meas Depth
		CI	TNEO	DIATE	ONT CONTIN	TAITIN TITE	DDTN AND A	THE STREET		
		51	TE INFO	KMATT	ON CONTA	THED HE	REIN AND A	THACHED	HEREIO	
						•				
		j								
		İ								
		ļ								
		,								
		ĺ					,			
32. Additi	onal remark	s (include	plugging proc	edure):						
		,		ŕ						
										i
				7						
22 []	1 1 1 2 2				11.2.4					· · · · · · · · · · · · · · · · · · ·
33 indicat	e which iter	ns nave be	en attached by	piacing a	cneck in the ap	propriate boxe	es ·			
☐ Elect	incal/Mecha	nical Logs (1 full set req'o	1)	ПG	eologic Report	DST Re	port	☐ Directional Survey	
		_	nd cement ver							
						ore Analysis	Other			
34 I hereb	y certify tha	t the foreg	oing and attac	hed inform	nation is comp	lete and correct	as determined fron	n all available red	cords (see attached instructions)*	
	me (please		TOMMY							•
178	ine (preuse	pr (III)	101111	DULAC	1/1	****		GENERAL I		
Sig	gnature		71	my	1/2 /2		Date	October	30,2007	<u>.</u>
			$\stackrel{\smile}{=}$	/	r va c				· · · · · · · · · · · · · · · · · · ·	
Title 18 U S	S.C. Section	1001 and	Title 43 U.S.	C. Section	1212, make it a	crime for any	person knowingly:	and willfully to n	nake to any department or agency of	f the United States any
false, fictiți	ous or frauc	lulent state	ments or repr	esentations	as to any matt	er within its jui	nsdiction		to any department or agency o	omica otates any

(Continued on page 3)

FORMATION ELECTRIC LOG TOPS

SYSTEM F		<u>F0</u>	ORMATION	LOG TOP	DATUM ELEV'N.	5.714' KB
Cretaceous				Drill Dept		All Depths in Feet
			Point Lookout Sand	ground	5,700	An Depuis in Con
(Orogo	enies		400	6.214	
			Mancos Shale	400	5,314	
			Tocito/Gallup Sand	1,565	4,149	
		` 、	Sanostee Calcareous Sai		3,964	
			Greenhorn Limestone	2.090	3,624	
			Grancros Shale	2,150	3,564	
)	K/1	Dakota Sand	2,210	3,504	
Jurassic J-5		J-5	Morrison Shale/Sand	2,405	3,309	
			Bluff Sand	3,260	2,454	
			Summerville Shale	3,325	2,389	
			Todilto Limestone	3,400	2.314	
		J-2	Entrada Sand	3,440	· 2,274	
Tr	iassi	2	Chinle Shale/Sand	3,550	2,164	
	7	R-3	Shinarump Sand	4,860	854	
			Moenkopi Shale	4,892	8 22	
Ancestral R			ockies (Uncompaglire)	•		
Permian			DeChelly Sand	4,990	724	
Cintan			Cutler Sand/Shale	5,222	492	
An	cestr	al Ro	ock <u>ies</u>	•		
	ısylv					
,	J		Honaker Trail/Limeston	e 6,720	-1,006	,
			Boundary Butte	7,560	-1,846	
Н		P	S	•	,	•
e	G	a	t Ismay/Limestone	7,600	-1,889	
Г	ľ	r	a Desert Creek/Limes		-1,996	
m	0	a	g Akah/Limestone	7,820	-2,106	
0	u	d	e Barker Creek/Limes	•	-2,226	
5	р	0	s Alkali Gulch/Limesi		-2,486	
	P	x	3 Atkitt Guteti Eines	0,200	2,100	
. 8		٨.	Pinkerton Trail/Limesto	ne 8,300	-2,586	
			Molas Shale	8,610	-2,896	
Λτ	itler		WOLLS GILLIE	0,010	2,070	
Miss		nion	Leadville/Limestone	8,650	-2,936	
פפונייו	1221b	man	Leadymer Emicsione	6,030	-1,750	
Deve	usion		Ouray/Limestone	8,880	-3,166	27 N
OUT	,		Elbert Shale/Dolostone	8 ,935	-3,221	
			McCracken Sand	9,075	-3,361	
			Aneth Dolostone	9,073	-3,452	
			Alleut Dolostone	7,100	-5,454	
Deac	ambi	rion.	Andacija	9,295	-3,581	
FICC	atti ()	tall	Andesite			
			TOTAL DEPTH	9,329	-3,615	

CONFIDENTIAL - TIGHT HOLE

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0137 Expires: July 31, 2010

	٧	VELL C	OMPL	ETION OR	RECOMPL	ETION RE	EPORT	ANDLO	ÇÇ IV		5. Lease	Serial No.	200	
			il Wall	Gas Wall	V Dev	Other	n n		<u>्रा</u>	البيا السيالي		SF 00812		
la. Type o	f Well f Completic	on XN	ew Well	Work Ov	X Dry er Deepen	Plug Back	c 🔲 Dif	f. Res 🛭 🕻	T 3 0	2007				
,			ther						-	lanage me		or CA Agreeme	ent Name and No.	
? Name o	f Operator	BOLA	CK MI	NERALS (COMPANY		- L	Famil	ngton Fie	eld Office	8. Lease	Name and We	BOLACK #1	WELL
3 Address	Sloomf	iald	Highw	av Farm	ington N	IM 8740	3a. Phone 1 50	No. (includ)5 – 325	de area cod	e) ·	9. AFI V			
4 Locatio	n of Well (Report loc	anon clea	arly and in acco	ington, Nordance with Fed	eral requirem	ents)*	<u> </u>	-4413		10 Field	and Pool or E	xploratory	
At surfa	ice 1935	' FSI	and		L, Secti	on 3, T	-30-N,	, R - 16	-W, N.	M.P.M.	11 Sec.,	T., R , M., on	Block and SE4	Section 3,
											Rang	ge 16 We	ownship st, N.M.	Section 3, North,
At top p	rod. interva	l reported	below	Same							1	ity or Parish Juan	13. State	Mexico
At total o		ame	15	Date T.D. Reac	had	116	Date Com	pleted			1	ations (DF, RI		
14. Date S Nove	mber 8	, 200)6	January	17, 2007		XD&A	Re	dy to Prod		5,	714 KB	(D, K1, GL)	
18. Total L	T'	/D	29'		Plug Back T D.:	MD 87	15'		·	ridge Plug Se	TVD)		
21 Type I				s Run (Submit				22	2. Was wel Was DS	Trun?	T√ No I	Yes (Subm	nit report) (🚗	o'to 9329' o analysis)
23. Casing				dy subm					Direction	nal Survey?	☐ No	Yes (Subm	ut copy)	
Hole Size			Vt. (#/ft.)	Top (MD)			Cementer epth	l .	Sks. & Cement	Slurry Vo (BBL)	ol. c	ement Top*	Amount Pu	illed
12七"	9 5/8	311	36#	Surface	_	N/		275 5x	''B''	57.8		rface		
8.3/4	7''		23#	Surface		3440		1125 5		_360.0		<u>rface</u>		
<u>6½"</u> _	45"		LL.0#	5182'	8934'	N/	Α	640 5x	<u>C</u>	244.0	51	82'	DEG C V	
													UD DEC 6 4 CONS. DI	
24. Tubing	7 Pecord							ĺ		·		OIL	DIST. 3	
Sıze		Set (MD)	Packe	er Depth (MD)	Size	Depth S	Set (MD)	Packer De	pth (MD)	Size	D	epth Set (MD)		h (MD)
N/A 25. Produc	ing Interval	s	<u> </u>		<u> </u>	26. P	erforation I	Record					<u> </u>	
	Formation Ker Cr	n		Top 7940	8199 s	8065 '	rforated In		- 5	38"	No. Holes		Perf. Status	
B)	VET OF	CEK		7 340	0199	8094		100';	0.	36	132		······································	
C)						8104'	to 8	110						
D) 27 Acid, F	ragtura Ta	atment C	ament Sa	waana ata	`	8124	<u>to 8</u>	128 '						
	Depth Inter	val	ement Sq					mount and	I Type of M	faterial				
8065	' - 81	.28'		3000 Ga	al 15% Hc 7 Set CIE	1.6-1	4-07			TOC 798	271			
		· · · · · · · · · · · · · · · · · · ·		0-20-0	ser cir	P 8040	_x_ca	<u> P_W/_c</u>	int.	100 /98	3/			
28 Product														
Date First	Test Date	Hours	Test	Oil	Gas	Water	Oil Grav		Gas	Producti	on Method	l		
Produced 6-13	6-19	Tested 10	Produc	tion BBL TR	MCF O	ввь 40	Coit. AP		Gravity N/A		SWAB			
Choke	Tbg. Piess		24 Hr.	Oil	Gas	Water	Gas/Oil		Well Statu	s	SWAD			
Size 2"1	Flwg.	Press.	Rate	BBL	MCF	BBL	Ratio					•		
Z 28a. Produc	o Internal	0		TR	0	96	N/A							
Date First	Test Date	Hours	Test	Oil	Gas	Water	Oil Grav		Gas	Producti	on Method	l		
Produced		Tested	Produc	tion BBL	MCF '	BBL	Согт. АР	I	Gravity					
Choke	Tbg Press.	Csg	24 Hr.	Oil	Gas	Water	Gas/Oil		Well Statu	s				
Size	Flwg. SI	Press.	Rate .	BBL	MCF	BBĻ	Ratio					ու	/ T 3 1 2007	ļ
*(See instr	uctions and	spaces fo	raddition	al data on page	2)			·						 -
	∪انه دد، ب	JULICUS IU	, mannered it	arra ou hage	-/							a con a con a con a con a con a con a con a con a con a con a con a con a con a con a con a con a con a co	amarine de la compansión de la compansió	ACCUSED ACCUSED

28b. Prod	uction - Inte	rval C								
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Cort 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. Prod	uction - Inte	rval D								
Date First Produced		Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Cort. API	Gas Gravity	Production Method	
Choke Size	Tbg. Piess Flwg. SI	Csg Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil · Ratio	Well Status		
29 Dispos	sition of Gas	Solid, us	ed for fuel, ve	nted, etc)	I		·			
•					e compl	etion o	perations	were con	ducted.	
30 Sumn	nary of Poro	us Zones (Include Aqui	fers)	<u>_</u>			31. Formatio	on (Log) Markers	
Show a includi recover	ng depth int	zones of perval tested	orosity and co l, cushion use	ontents ther d, time tool	eof: Cored into	ervals and all d and shut-in pr	Irill-stem tests, essures and		attached sheet en mation Electric L	
										Тор
Form	nation	Тор	Bottom		Descrip	tions, Content	s, etc.	İ	Name	Meas Depth
32 Additi	onal remark	s (include	SEE IN		TION CON	VTAINED	HEREIN AN	D ATTACHI	ED HERETO	
☐ Elect Sund	trical/Mechan	nical Logs (r plugging a	1 full set req'd	ification		ologic Report re Analysis ete and correct	DST Rep Other		Directional Survey	
		יייין	<u> </u>	1/1	1 ,	<u></u>				
S1	gnature	0	1 Pm) II	ms		Date <u>O</u> c	ctober 3¢	2007	
Title 18 U	S C Section	1001 and	Title 43 U.S (C Section I	212, make it a as to any matte	crime for any	person knowingly a	nd willfully to n	nake to any department or agency	of the United States any
	on page 3)	anom state	ems or repre	Jointanons.	-5 to any matte		iodiction			(Form 3160-4, page 2)

FORMATION ELECTRIC LOG TOPS

SYSTEM F			ORI	MATION	LOG D	<u>TOP</u> rill Dept	DATUM ELEV'N.	5.714° KB
Cre	taceo	ous	Pc	int Lookout Sand		round	5,700	All Depths in Feet
	Orog					•		
•	3. VE	,		ancos Shale		400	5,314	
				ocito/Gallup Sand		1,565	4,149	
				nostce Calcareous San	d	1,750	3,964	
				eenhorn Limestone		2,090	3,624	
			Gı	aneros Shale		2,150	3,564	
		K/1		akota Sand		2,210	3,504	
Ju	rassi			orrison Shale/Sand		2,405	3,309	
				luff Sand		3,260	2,454	
				ummerville Shale		3,325	2,389	
				odilto Limestone		3,400	2,314	
		J-2		ntrada Sand		3,440	2.274	
Tr	iassi	•		hinle Shale/Sand		3,550	2,164	
, ,		CR-3		hinarump Sand		4,860	854	
	,			loenkopi Shale		4,892	822	
Δn	cestr	al Ro		es (Uncompaghre)		,,,,,,	V	
-	mia			eChelly Sand		4,990	724	
	,,,,,,,	••		itler Sand/Shale		5,222	492	
An	cestr	al Ro				.,	• "	
	rsylv			<u> </u>				
ζ σ	5 ,			onaker Trail/Limestone	2	6,720	-1,006	
			•	Boundary Butte	-	7,560	-1,846	
Н		P	S				,,,	
e	G	a	t	Ismay/Limestone	•	7,600	-1,889	
ľ	ī	r	a	Desert Creek/Limest	one	7.710	-1,996	
113	0	3	Ę.	Akah/Limestone		7,820	-2,106	
0	u	d	e	Barker Creek/Limest	lone	7,940	-2,226	
5	p	0	S	Alkali Gulch/Limesto		8,200	-2,486	
á	r	х	-		,	*****	, - 	
u			Ρi	nkerton Trail/Limestor	16	8,300	-2,586	
				olas Shalc		8,610	-2,896	
Αı	ıtler			V		.,	- ,	
Miss		pian	Le	eadville/Limestone		8,650	-2,936	
				tr		0.000		
Deve	ma)			uray/Limestone		8,880	-3,166 2,221	
				lbert Shale/Dolostone		8,935	-3.221	
				IcCracken Sand		9,075	-3,361	
			Α	neth Dolostone		9,166	-3,452	
Proc	amb	rian	Δ	ndesite		9,295	-3,581	
7160	aniu	idil	А				-3,615	
				TOTAL DEPTH		9,329	-5,013	