Form 3160-4 (April 2004)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: March 31, 2007

					OF LAND M					1.76	/ I	xpires: Ma	arch 31, 2007
•	WE	LL COI	MPLET	TION OR	RECOMPLE	ETION R	EPORT	AND LO	og /	/ [5/ Lease SF0	Serial No. 77383A	
la. Type	of Well		Vell 7	Gas Well_		Other					6. If Ind	ian. Allotte	or Tribe Name
	of Complet			_	Work Over		Plug	Rack	Diff. Re	CUT	NA.	,	
D 7 P.	Compie						200		19	· r	7 Unit	or CA Agree	ement Name and No.
2 N			Other .					11 1100	10	<u> </u>	NA.	_	
2. Nam	e of Operato	Koch	Explora	ation Compa	ny, LLC			F	REOF	Nan [Name and Com 27 2	
3. Add	ess PO Be	ox 489, A	ztec, NN	M 87410			3a. Phone	No. (inclu	ude area c	ode)		Veli No.	
/				,		2		334-9111	-:: \ !! }	र्ज∶्र∏		531391	
4. Loca	tion of Well	(Report le	ocation c	learly and in a	accordance with	Federal req	uirements)						r Exploratory
At si	ırface .	245' FNI		· 1755/T	M.	ું 🔏	g, \$1	~~~ ~ ~~ ~ ~~ ~	.		Basi	n Fruitlan	id Coal
						· A	1UC 200	اِثَ م	J.		11. Sec.,	T., R., M., c	on Block and
At to	p prod. inter	rval report	ed below	' Same	1000			4 5:	5	L			S27, T28N, R10W (D)
	4-1 d4L	Same			le l	E E		£3 &	립 -			ty or Parish	1
	au depui		16 1	Data T.D. Data	- V	112	7 - 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7 -	\$	<u> </u>		San J		NM NM
14. Date	Spuaaea 19/2003		15. 1	Date T.D. Rea 07/26/2003	77	گر ¹⁰	Date Com	<u> </u>	08/12/200 Ready to F		17. Eleva 5991'		RKB, RT, GL)*
18. Tota		/D 2146	l		Plug Back T.D.:	MD 214		-7					
10. 100	•	'ID 2140);	19.	riug Dack 1.D		منعت	20.	Deput	Iridge Plug	Sei. MIL TV		NA
						TVD							
2L Type	Electric &	Other Mo	echanica	ıl Logs Run (S	Submit copy of e	ach)		22.		ll cored?	√No [mit analysis)
No a	Additional	Logs							Was DS	nal Survey	✓ No [mit report)
73 Casi	ng and I in	er Decord	1 (Pana)	rt all strings	est in wall)				Directio	nai Survey	No No	Y es (Submit copy)
	· 1 · · · · -		1		- Y = 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	Stage Co	menter	No. of Sks	8.8	Slurry Vol.	T _		Amount Pulled
Hole Siz	e Size/Gra	ade Wt	. (#/ft.)	Top (MD)	Bottom (MD) Dept		Type of Cer		(BBL)	Cemen	t Top*	Amount runeu
12 1/4"	8 5/8"		#	0	185'	NA	1	120 Class	B :	25.24	Surfa	ce	12 BBL
6 3/4"	4 1/2"	10.	.5#	0	2132.90'	NA	2	287 Class	В	101.15	375'C	BL03	0
<u> </u>													
	ng Record	S + (A/D)		- D4-4(D)					0.00		I Double	S-+ (1 (T))	I Barbar David (ACD)
Size	Depth	a Set (MD)) Packer	r Depth (MD)	Size	Depth So	et (MD) Pa	acker Depth	h (MD)	Size	Depti	a Set (MD)	Packer Depth (MD)
Size 2 3/8"	Depth	,) Packer	r Depth (MD)	Size				h (MD)	Size	Depti	s Set (MD)	Packer Depth (MD)
Size 2 3/8"	Depth 1998' ucing Interv	als) Packer	· · · · · · · · · · · · · · · · · · ·		26. Pc	erforation R	tecord					
Size 2 3/8" 25. Prod	Depth 1998' ucing Intervi	als n) Packer	Тор	Bottom	26. Pe	erforation R	ecord erval	Siz	e No	o. Holes		Packer Depth (MD)
Size 2 3/8" 25. Prod	Depth 1998' ucing Interv	als n) Packer	· · · · · · · · · · · · · · · · · · ·		26. Per Per 1864'-2	erforation R rforated Into	ecord erval		e No	o. Holes	open	
Size 2 3/8" 25. Prod A) Fru B)	Depth 1998' ucing Intervi	als n) Packer	Тор	Bottom	26. Per Per 1864'-2	erforation R	ecord erval	Siz 0.35"	e No	o. Holes		
Size 2 3/8" 25. Prod A) Fru	Depth 1998' ucing Intervi	als n	Packer	Тор	Bottom	26. Per Per 1864'-2	erforation R rforated Into	ecord erval	Siz 0.35"	e No	o. Holes	open	
Size 2 3/8" 25. Prod A) Fru B) C) D)	Depth 1998' ucing Intervi	als n		Top 1566'	Bottom	26. Per Per 1864'-2	erforation R rforated Into	ecord erval	Siz 0.35"	e No	o. Holes	open	
Size 2 3/8" 25. Prod A) Fru B) C) D)	Depth 1998' ucing Interverse Formatio itland Coa	als n		Top 1566'	Bottom	26. Per Per 1864'-2	erforation R rforated Into 010'(2003 950' New	ecord erval	Siz 0.35" 0.35"	126 24	o. Holes	open	
Size 2 3/8" 25. Prod A) Fru B) C) D) 27. Acid	Depth 1998' ucing Interve Formatio itland Coa	als n il	Cement S	Top 1566' queeze, etc.	Bottom 2012' % HCL; 19.86	26. Po Pei 1864'-2 1848'-1	erforation R rforated Into 010'(2003 950' New Amo	eccord erval) ount and Tyl Amborma	Siz 0.35" 0.35" //pe of Marax 1020;	terial 143,000#). Holes	open open	
Size 2 3/8" 25. Prod A) Fru B) C) D) 27. Acid	Depth 1998' ucing Interview Formatio itland Coa Fracture, To Depth Interview	als n il	Cement S	Top 1566' queeze, etc.	Bottom 2012'	26. Po Pei 1864'-2 1848'-1	erforation R rforated Into 010'(2003 950' New Amo	eccord erval) ount and Tyl Amborma	Siz 0.35" 0.35" //pe of Marax 1020;	terial 143,000#). Holes	open open	
Size 2 3/8" 25. Prod A) Fru B) C) D) 27. Acid	Depth 1998' ucing Intervious Formatio itland Coa Fracture, To Depth Inter	als n il	Cement S	Top 1566' queeze, etc.	Bottom 2012' % HCL; 19.86	26. Po Pei 1864'-2 1848'-1	erforation R rforated Into 010'(2003 950' New Amo	eccord erval) ount and Tyl Amborma	Siz 0.35" 0.35" //pe of Marax 1020;	terial 143,000# 20/40 Bra	D. Holes	open open	Perf. Status
Size 2 3/8" 25. Prod A) Fru B) C) D) 27. Acid 1864'-2	Depth 1998' ucing Intervious Formatio itland Coa Fracture, Ti Depth Inter 2010' (2003	als n II reatment, (val	Cement S	Top 1566' queeze, etc.	Bottom 2012' % HCL; 19.86	26. Po Pei 1864'-2 1848'-1	erforation R rforated Into 010'(2003 950' New Amo	eccord erval) ount and Tyl Amborma	Siz 0.35" 0.35" //pe of Marax 1020;	terial 143,000# 20/40 Bra	20/40 Braddy Sand	open open	Perf. Status
Size 2 3/8" 25. Prod A) Fru B) C) D) 27. Acid 1864'-2 1848'-2	Depth 1998' ucing Intervious Formatio itland Coa Fracture, Ti Depth Inter 2010' (2003 2010' New	als n II reatment, (val	Cement S	Top 1566' queeze, etc. 1000 gal 15 1750 gal 15	Bottom 2012' % HCL; 19.86% HCL; 149,86	26. Pe Per 1864'-2 1848'-1 0 gal 70Q N	erforation R rforated Inte 010'(2003 950' New Amo	eccord erval b) ount and Ty Amborma ning 20; 2	Siz 0.35" 0.	terial 143,000# 20/40 Bra	20/40 Braddy Sand	open open	Perf. Status
Size 2 3/8" 25. Prod A) Fru B) C) D) 27. Acid 1864'-2 1848'-2	Depth 1998' ucing Interview Formatio itland Coa Fracture, To Depth Inter 2010' (2003 2010' New luction - Inter Test Date	als n II reatment, (val	Cement S	Top 1566' queeze, etc. 1000 gal 15 1750 gal 15'	Bottom 2012' % HCL; 19.86% HCL; 149,86	26. Po Pei 1864'-2 1848'-1	erforation R rforated Into 010'(2003 950' New Amo	eccord erval b) bunt and Ty Amborma ning 20; 2	Siz 0.35" 0.35" 0.35" //pe of Mai ax 1020; 275,580#	terial 143,000# 20/40 Bra	20/40 Braddy Sand	open open	Perf. Status
Size 2 3/8" 25. Prod A) Fru B) C) D) 27. Acid 1864'-2 1848'-2 28. Prod Date First Produced 09/29/2003	Depth 1998' ucing Intervi- Formatio itland Coa Fracture, To Depth Inter 2010' (2003 2010' New Juction - Inter Test Date 08/10/2004	ais n n il reatment, (val) rval A Hours Tested 17	Cement S	Top 1566' queeze, etc. 1000 gal 15 1750 gal 15'	Bottom 2012' % HCL; 19.86 % HCL; 149,86	26. Pe Per 1864'-2 1848'-1 0 gal 700 N 60 gal 70Q	Amo N2 Foam N2 Light Oil Gravity Corr. API	eccord erval b) bunt and Tyl Amborma ning 20; 2	Siz 0.35" 0.35" 0.35" //pe of Mai ax 1020; 275,580# Gas Gravity Not Tested	terial 143,000# 20/40 Bra	20/40 Braddy Sand	open open open open open open open open	Perf. Status
Size 2 3/8" 25. Prod A) Fru B) C) D) 27. Acid 1864'-2 1848'-2 28. Proc Date First Produced 09/29/2003 Choke	Depth 1998' ucing Interview Formatio itland Coa Fracture, To Depth Inter 2010' (2003 2010' New luction - Inter Test Date	ais n l reatment, (val) rval A Hours Tested	Test Product	Top 1566' queeze, etc. 1000 gal 15 1750 gal 15'	Bottom 2012' % HCL; 19.86 % HCL; 149,86	26. Pc Pei 1864'-2 1848'-1 0 gal 70Q N 60 gal 70Q	Amo N2 Foam N2 Lights Oil Gravity Corr. API	eccord erval b) bunt and Tyl Amborma ning 20; 2	Siz 0.35" 0.35" 0.35" //pe of Mai ax 1020; 275,580#	terial 143,000# 20/40 Bra	20/40 Brad dy Sand	open open open open open open open open	Perf. Status
Size 2 3/8" 25. Prod A) Fru B) C) D) 27. Acid 1864'-2 1848'-2 28. Prod Date First Produced 09/29/2003	Depth 1998' ucing Interview Formatio itland Coa Fracture, To Depth Inter 2010' (2003 2010' New Luction - Inte Test Date 08/10/2004 Tbg Press.	ais n l reatment, (val) rested 17 Csg.	Cement S	Top 1566' queeze, etc. 1000 gal 15 1750 gal 15' o Oil	Bottom 2012' % HCL; 19.86 % HCL; 149,86	26. Pe Per 1864'-2 1848'-1 0 gal 700 N 60 gal 70Q	Amo N2 Foam N2 Light Oil Gravity Cor. API NA Gas/Oil	eccord erval b) bunt and Tyl Amborma ning 20; 2	Siz 0.35" 0.35" 0.35" //pe of Mai ax 1020; 275,580# Gas Gravity Not Tested	terial 143,000# 20/40 Bra	20/40 Braddy Sand	open open open open open open open open	Perf. Status
Size 2 3/8" 25. Prod A) Fru B) C) D) 27. Acid 1848'-2 1848'-2 28. Proc Date First Produced 09/29/2003 Choke Size 1/2" 28a. Pro	Depth 1998' ucing Interview Formatio itland Coa Fracture, To Depth Inter 1010' (2003 1010' New Luction - Inte Test Date 08/10/2004 Tbg Press. Flwg. Sl 88 psl duction - Inte	ais n l reatment, (val) Hours Tested 17 Csg. Press. 89 psi erval B	Test Product	Top 1566' queeze, etc. 1000 gal 15 1750 gal 15' ition Oil BBL 0 Oil O	Bottom 2012' % HCL; 19.86 % HCL; 149,86 Gas MCF 434 Gas MCF 613	26. Pe Per 1864'-2 1848'-1 0 gal 70 O 60 gal 70 Q Water BBL 171	Amo N2 Foam N2 Light Oil Gravity Cor. API NA Gas/Oil Ratio	ount and Typ Amborma ming 20; 2	Siz 0.35" 0.35" 0.35" //pe of Mai ax 1020; 275,580# Gas Gravity Not Tested	terial 143,000# 20/40 Bra	20/40 Brad dy Sand	open open open open open open open open	Perf. Status
Size 2 3/8" 25. Prod A) Fru B) C) D) 27. Acid 1848'-2 1848'-2 Choke Size 1/2"	Depth 1998' ucing Interview Formatio itland Coa Fracture, To Depth Inter 1010' (2003 1010' New Luction - Inte Test Date 08/10/2004 Tbg Press. Flwg. Sl 88 psl	ais n l reatment, (val) rval A Hours Tested 17 Csg. Press. 89 psi erval B Hours	Test Product 24 Hr. Rate	Top 1566' queeze, etc. 1000 gal 15 1750 gal 15' oii BBL oii BBL oiii Oii	Bottom 2012' % HCL: 19.86 % HCL; 149,86 Gas MCF 434 Gas MCF 613	26. Pe Per 1864'-2 1848'-1 0 gal 700 f 60 gal 70Q	Amo N2 Foam N2 Light Oil Gravity NA Gas/Oil Ratio NA	cecord erval bunt and Ty Amborma ning 20; 2	Siz 0.35" 0.35" 7pe of Marax 1020; 275,580# Gas Gravity Not Tested Well Status	terial 143,000# 20/40 Bra Production FARM BY Letture	20/40 Brad dy Sand	open open open open open open open open	Perf. Status
Size 2 3/8" 25. Prod A) Fru B) C) D) 27. Acid 1864'-2 1848'-2 28. Prod Date First Produced 09/29/2003 Choke Size 1/2" 28a. Pro Date First	Fracture, Ti Depth Inter Depth Inter Double	ais n l reatment, (val) Hours Tested 17 Csg. Press. 89 psi erval B	Test Product	Top 1566' queeze, ctc. 1000 gal 15 1750 gal 15' Oil BBL Oil BBL Oil	Bottom 2012' % HCL: 19.86 % HCL; 149,86 Gas MCF 434 Gas MCF 613	26. Pe Per 1864'-2 1848'-1 0 gal 70 O 60 gal 70 Q Water BBL 171	Amo N2 Foam N2 Light Oil Gravity Cor. API NA Gas/Oil Ratio	cecord erval bunt and Ty Amborma ning 20; 2	Siz 0.35" 0.35" 0.35" 7pe of Maiax 1020; 275,580# Gas Gravity Not Tested Vell Status	terial 143,000# 20/40 Bra Production FARM BY Letture	20/40 Brad dy Sand CEPTED AUG 2 MGTON I	open open open open open open open open	Perf. Status
Size 2 3/8" 25. Prod A) Fru B) C) D) 27. Acid 1864'-2 1848'-2 28. Prod Date First Produced 09/29/2003 Choke Size 1/2" 28a. Pro Date First	Fracture, Ti Depth Inter Depth Inter Double	ais n l reatment, (val) rval A Hours Tested 17 Csg. Press. 89 psi erval B Hours	Test Product 24 Hr. Rate	Top 1566' queeze, etc. 1000 gal 15 1750 gal 15' oii BBL oii BBL oiii Oii	Bottom 2012' % HCL; 19.86 % HCL; 149,86 Gas MCF 434 Gas MCF 613 Gas MCF 613	26. Pe Per 1864'-2 1848'-1 0 gal 700 f 60 gal 70Q	Amo N2 Foam N2 Light Oil Gravity NA Gas/Oil Ratio NA	cecord cerval count and Typ Amborma ning 20; 2	Siz 0.35" 0.35" 7pe of Marax 1020; 275,580# Gas Gravity Not Tested Well Status	terial 143,000# 20/40 Bra Production FARM BY Letture	20/40 Brad dy Sand CEPTED AUG 2 MGTON I	open open open open open open open open	Perf. Status

^{*(}See instructions and spaces for additional data on page 2)

8b. Produ	ction - Inte	rval C									·
ate First oduced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravit Corr. API		vity	Production Method	
oke æ	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well	Status		2441
c. Prod	uction - Int	erval D			 	_1	-				<u></u>
ite First oduced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravi	ty	Production Method	
oke e	Tog. Press. Flwg. Sl	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well	Well Status		
Disp	osition of C	Gas (Sold, 1	used for fuel,	vented, et	c.)		·- ·- ·- ·- ·- ·- ·- ·- ·- ·- ·- ·- ·- ·	<u>-</u>			
). Sum	mary of Poi	rous Zones	(Include Aq	uifers):	, , , , , , , , , , , , , , , , , , , 			31.	Format	ion (Log) Markers	
Show tests,	v all import	tant zones	of porosity	and conter	its thereof: , time tool o	Cored intervipen, flowing	als and all dri and shut-in pr	ll-stem			
Formation		Тор	Bottom		Descriptions, Contents, etc.					Top Meas. Depth	
Sinc	e product	ion from	e plugging p this well di	d not rea	ch the orig e frac. We	inal anticipa believe we l	ated volumes	when compl ed the produ	Ojo Kir Fra Pio	n Jose D Alamo Itland Shale Litland Coal Stured Cliffs 1 2003, we added 24 new perforolumes by doing so.	Surface 930' 1082' 1566' 2013'
	ectrical/Me	chanical L	ogs (1 full so	et req'd.) ent verifica	ation C	the appropri- deologic Repo Core Analysis	ort DST Othe	г.		nal Survey	
☐ Su				ttached inf	ormation is	complete and	correct as det	ermined from a	ll availa	able records (see attached instruction	ons)*
☐ Su				ttaciicu iii				Field O	Hone P	fongger	
Su		D	egoing and a Johnson			· · · · · · · · · · · · · · · · · · ·	Title	Field Opera	tions M	lanager	