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

1. Type of Well	WELL COMPLETION OR RECOMPLETION REPORT AND LOG												5. Lease Serial No. NM 013688			
Name of Operator Security S	la. Type o	of Well	Oil We	II X Gas V	Vell	Dry	Other			'		(r Tribe Name	
Section Sect	b. Type of Completion: New Well Work Over Deepen Plug Back Plug											Y ^{r,} 25	7. Unit or CA Agreement Name and No.			
Address Superinded Superi	2. Name o	f Operator		<u> </u>								RECE	Lease Nar	ne and V	Vell No.	
2.199 Bloomfrigal of Nichraey, Parminorton, NM 97401 Sp5, 325, 6800 30-045-33409			Corpo	ration				13-	Dhana Ma	(ial., s)	20. 2	- 4 1	,			
						D4 0740	\ -	3a.				oae) · · · ·				
At top prod. interval reported below At total depth At total	2198 BJ	n of Well <i>(Repo</i>	Highway ort locatio	r, Farmin n clearly and	igton, i I in accord	ance with F)1 Tederal rea	uireme		325.68	00					
At top prod. interval reported below At top prod. interval reported below At total depth At total depth 15. Date T.D. Reached 16. Date Colligited 12/27/05 12/27/05 11/03/06 12/27/05 11/03/06 12/27/05 12/27/05 13/03/06 14. Date Spadded 15. Date T.D. Reached 16. Date Colligited 17. Elevation (F, RKB, RT, GL)* 18. Total Depth MD 19. Plug Back T.D. MD 10/18/06 11/03/			7	-			,		163	458		- A				
At total depth At total depth 14. Date Spudded		1025	/ E311,	940 FE	L	3E/ 3E			V.	3	, . C	ON I	I.Sec., T., I	R., M., o		
A Date Spudded	At top pr	od. interval rep	orted belo	w				1		FER 25	300 C				r31n,r10w 1	
14. Date Spunded 15. Date T.D. Reached	At total o	iepth						AUC DE	$\cong \mathcal{O}_{\mathcal{O}_{\mathcal{O}}} \supset$	DOWN	ED					
12/27/05	14. Date S ₁	pudded	15. Da	te T.D. Reach	hed				pleted D	MONTO.	NV	· 21				
18. Total Depth: MD 3297* 19. Plug Back T.D.: MD 3233* 20. PerchNyffdge Plug Set: MD TVD	10/	07 /OF		01 /02 /06			U		<u>\</u>	Keady	to Pro	30. S	6310			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) 22. Was well cored? No Yes (Submit analysis) 23. Casing and Liner Record (Report all strings set in well) 24. Staying and Liner Record (Report all strings set in well) 25. Casing and Liner Record (Report all strings set in well) 26. Staying and Liner Record (Report all strings set in well) 27. Amount Pulled 28. Staying and Liner Record (Report all strings set in well) 29. Staying and Liner Record (Report all strings set in well) 29. Staying and Liner Record (Report all strings set in well) 29. Staying and Liner Record (Report all strings set in well) 29. Staying and Liner Record (Report all strings set in well) 20. Stay (BBL) 20. Stay. 20. Stay. 20. Stay. 20. Stay. 21. Stay (BBL) 21. Stay (BBL) 22. Was well cored? No Yes (Submit export Depth (Company) 23. Stay (BBL) 23. Stay (BBL) 24. Stay (BBL) 25. Podd (BBL) 26. Perforation Record 27. Stay (BBL) 28. Production Interval A 28. Production - Interval A 29. Stay Production - Interval A 29. Stay Production - Interval A 29. Stay Production - Interval A 2		***************************************				ck T D · N	<u></u>		77.7	25./205~F	enth\	Bridge Plu	o Set: N			
Triple Litho Density GR - SP - GR / SP/Caliper Was DST nm Directional Survey Direc		-						32	33 46	E15/16	Mr.		T			
Triple I Atho Density—GR-SP-CR SP/Caliper Directional Survey	21. Type E	lectric & Other	Mechani	cal Logs Run	(Submit c	opy of each	1)			22. Was	s well c	ored?	X No [Yes (S	Submit analysis)	
12.25 8.625 24 326 200 200 284s. 236 2										1		_				
Hole Size Size/Grade Wt.(#ft.) Top (MD) Bottom (MD) Stage Conventer Depth No. of Sics. & Sturry Vol. Cement Top* Amount Palled										Dir	ectiona	l Survey?	XNº		es (Submit copy)	
Top Record Top					1	1	Stage Ceme	enter	No of S	Le &	Shr	rry Vol	T .		_	
7.875 5.50 15.5 3281 2723 784 sks. 1164 cu.ftcim 1st stage MOS: 1st sta				Top (MD	_			n Type of (Cement			Cement	Top*		
1st stage TOC: 2723 2725	T			_					1			·				
24. Tubing Record	7.875	5.50	15.5	_	32	281	272	3	784 s	ks.			 			
24. Tubing Record Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Size				_	-				<u> </u>							
Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD)					_											
Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD)				 					 		_		1			
Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD)	24 Tubing	Record			l				l		_		ļ			
2.375" 3004 25. Producing Intervals 26. Perforation Record 26. Perforation Record 27. Producing Intervals 28. Producing Interval 28. Production - Interval 28. P			MD) I r	hadaa Danth ()	(D)	Size	Danth Sat	(MD)	Packer D	enth (MD)	$\overline{}$	Siza	Denth Se	t (MD)	Packer Death (MD	
26. Perforation Record Size No. Holes Perf. Status				acker Depth (r	VID)	5122	Depail Sec	(IVID)	1 acker b	reptii (IVID)	'	Jize	Deptil se	i (MD)	I acker Depth (WID	
A) Fruitland Coal 2854		ing Intervals			•		26. Perfor	ation F	Record				•			
27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval 2854' - 3080' 117,802 gals 700 slickwater foam & 15,000# 40/70 sand & 105,300# 20/40 sand 28. Production - Interval A Date First Produced O1/19/06 2 2		Formation		Top Bottom			Perforated Interval				Size	ze No. Holes Perf. Str			Perf. Status	
27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval 2854 - 3080 1117,802 gals 702 slickwater foam & 15,000# 40/70 sand & 105,300# 20/40 sand 28. Production - Interval A Date First Produced O1/19/06 2 Production BBL MCF BBL Gravity Gravity Gravity From Produced O1/19/06 Size Flwg. Sl 280 Production - Interval BBL MCF BBL Gravity Gravity From Produced O1/19/06 O	A) Fruitland Coal			28541	30	י 80			0.43		124		4 JSPF			
27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval 2854	B)								•							
27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval Amount and Type of Material	C)			<u> </u>										_		
Depth Interval Amount and Type of Material	D)															
28. Production - Interval A Date First Produced O1/19/06 2 Production BBL Gravity Choke Size Flwg. S1 280 280 Tested Date Hours Size Flwg. S1 Production BBL Gas BBL MCF BBL Gravity Test Date Gravity Gas Gas Gravity Water BBL Gas Oil BBL Gravity FEB 0 2 2006 FEB 0 2 2006 FEB 0 2 2006 FARMINGTON FIRST DESTRICT OIL Gas Gas Gravity FEB 0 2 2006 FARMINGTON FIRST DESTRICT OIL Gas Gas Gravity Well Status FEB 0 2 2006 FARMINGTON FIRST DESTRICT OIL Gas Gas Gravity Well Status FEB 0 2 2006 FARMINGTON FIRST DESTRICT OIL Gas Gas Gravity Well Status FEB 0 2 2006 FARMINGTON FIRST DESTRICT OIL Gas Gas Gravity NOTE BBL Gravity FEB 0 2 2006 FARMINGTON FIRST DESTRICT OIL Gas Gas Gravity NOTE BBL Gravity FEB 0 2 2006 FARMINGTON FIRST DESTRICT OIL Gas Gas: Oil Ratio Well Status FEB 0 2 2006 FARMINGTON FIRST DESTRICT OIL Gas Gas: Oil Ratio Well Status	27. Acid, l		ment, Cen	nent Squeeze, I	Etc.											
28. Production - Interval A Date First Produced 01/19/06 2 Tested 01/19/06 2 Production BBL MCF BBL Gravity Gravity Flowing Choke Size Production-Interval BBL AGS Water BBL Gravity Gravity Flowing 28a. Production-Interval B Date First Production-Interval B Date First Production BBL Gas Water BBL Ratio Well Status FEB 0 2 2006 FARMINGTON FIRST DESCRIPTION FOR RECORDS FARMINGTON FIRST DESCRIPTION FOR RECORDS FARMINGTON FIRST DESCRIPTION FIRST DESCRIPT		 														
Date First Produced Test Date Date O1/19/06 Date O1/19	285	4' - 3080		117,8	02 gals	s 70Q sl	ickwate	er fo	am & 1	5,000#	40/	70 san	d & 105,	,300#	20/40 sand	
Date First Produced Test Date Date O1/19/06 Date O1/19				 			·									
Date First Produced Test Date Date O1/19/06 Date O1/19					·										 -	
Date First Produced Test Date Date O1/19/06 Date O1/19	28 Product	tion - Interval A		<u>. </u>			· · · · · · · · · · · · · · · · · · ·									
Produced Date O1/19/06 Tested Oil		Test	Hours			Gas	Water	Oil	·	Gas		Production	n Method			
Choke Size Tbg. Press. 280 24 Hr. 280 280 280 24 BBL Gas MCF 354 Water BBL Gas: Oil Ratio Well Status 28a. Production-Interval B Date First Produced Date Test Older Test Production February						MCF			rity					flow	ring	
28a. Production-Interval B Date First Produced Test Date Test Doil Gas MCF BBL Gas MCF BBL Gas: Oil Ratio Well Status		Tbg. Press.	Csg.			Gas				Well Sta	tus	L.,,,,,,				
28a. Production-Interval B Date First Produced Date Tested Tested Production BBL Gas MCF BBL Gravity Choke Size Flwg. S1 Constant Production BBL Gas BBL Gas BBL Gas Gravity Date First Production BBL Gas Gravity Water BBL Gas Gravity FARMINGTON FIELD CENSES Ratio Well Status	Size			Hr.	BBL		BBL	Ratio)					1000	FOR REC	
Produced Date Tested Production BBL MCF BBL Gravity Gravity Choke Size Flwg. S1 Converted Production BBL MCF BBL Gravity Gravity FARMINGTON FIEL DOSPORE Well Status Well Status	28a. Produc			•		1 223	-			•				1 .		
Choke Size Flwg. Si Csg. Press. Size Size Size Size Size Size Size Size				Test	Oil								iuction Method		EB U 2 2006	
Choke Tbg. Press. Csg. 24 Oil Gas Water Gas: Oil Well Status Size Flwg. Press. Hr. BBL MCF BBL Ratio				<u> </u>				<u> </u>	·	Gravity				FAR	INGTON FIELD OFF	
		Size Flwg.								Well Sta	ell Status		ت ا		= NWOCD	
	(See instruction		ditional data	on page 2)			1			l						

ion Inton	ı.c							<u></u>			
		Test	Oil	Gas	Water	Oil	Ī	Gas	Production Method		
Date	Tested	Production	BBL	MCF	BBL	Gravity		Gravity	1 roudelion Method		
Tbg. Press. Flwg. SI	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio		Well Status			
tion-Interva	1 D										
Test Date	Hours Tested	Test Production	Oil BBL					Gas Gravity	Production Method		
Tbg. Press. Flwg. SI	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio		Well Status			
ion of Gas (Se	old, used for j	fuel, vented, et	c.)		to be	sold					
all importan	t zones of pe epth interval	orosity and co	ntents th	nereof: Co	ored interva	als and all dri flowing and	ll-stem shut-in	31. Format	ion (Log) Markers		
tion	Тор	Bottom	į	Descriptions, Contents, etc.					Name	Top Mass Donth	
		<u> </u>	+			<u> </u>		Nacimic		Meas.Depth	
										1583'	
				•				Kirtland	i	1728'	
1	Ï							 Fruitlar	nd	2778'	
								Fruitlar	nd Coal	28061	
								Fruitlar	nd Coal Base	3087'	
								Picture	d Cliffs	3090'	
				eck in the	appropriate	e boxes:					
				=			-	Direct	tional Survey		
y certify that	at the foregoi	ng and attache	d inform	ation is co	mplete and	correct as det	ermined	from all availa	able records (see attached	instructions)*	
please print,	Vicki	Donaghey					Title	Regulat	tory Analyst		
re Vic	Jie J	Dono	QVI	<u>y</u>			Date	01/23	3/06		
	Test Date The Press Flug. SI Ton-Interva Test Date The Press Flug. SI on of Gas (Si ry of Porou Il important and recovers and re	Tog. Press. Flwg. SI Test Date Test Date Test Date Test Hours Tested Tog. Press. SI Tog.	Test Date Toge Press. Flwg. SI Toge Press. Flwg. SI Toge Press. Tested Test Date Test Date Test Date Test Production Test Press. Tested Test Production Test Production Toge Press. Flwg. SI Toge Press. SI Toge	Test Date Test Production The Press. Csg. 24 Hr. BBL Indicate Press. Press. Press. Press. Press. BBL Test Date Test Production Test Date Test Production Test Production Test Production Test Production Test Production Test Production BBL The Press.	Test Date Hours Tested Production BBL Gas MCF Tbg. Press. Csg. 24 Hr. BBL Gas MCF Tog. Press. Hr. BBL Gas MCF Tog. Press. Hr. BBL Gas MCF Test Hours Test Dil BBL Gas MCF Tog. Press. Csg. 24 Dil BBL MCF Tbg. Press. Csg. 24 BBL MCF Tog. Press. Csg. Hr. BBL MCF Tog. Press. Csg. Hr. BBL MCF Tog. Press. Gas MCF Tog. Press. Hr. BBL Gas MCF Tog. Press. Hr. Dil Gas MCF Tog. Press. Hr. BBL Gas MCF Tog. Press. Hr. Dil Gas MCF	Test Date Tested Production BBL Gas Water BBL SI Gas BBL Gas BBL Gas BBL Gas BBL Gas MCF BBL MCF BBL Gas MCF BBL G	Test Hours Test Production BBL Gas Water Gas Oil Tight Press. Flwg Flwg Hi. BBL Gas BBL Gas BBL Gas Gas	Test	Test Blour Test Color Dil Dil	Date Hours Test Fooduction SBL Gas MCF BBL Gas Gas Gravity Production Method	