### DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED OMB NO. 1004-0137

Expires: January 31, 2018

# WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.

N0-G-1311-1807

10   17   17   18   18   18   18   18   18	la. Type of We		_		Well	Dry	Othe		Diff 7	ur	eau of L	and	Man.	SHEH	6. If	Indian	, Allotte	e or	Tribe Name
Saddress	b. Type of Co	inpiction			work Over	Преереп	Piu§	д Васк	_Diii. 20:	iles	Ппу	uraur	ic rracii					emer	nt Name and No.
3.9. Pinore No. (Includes area code)   9. AP (New 1)			_											100					l No.
200   Energy Court Farmington NN 87402   Sign-6-6-7-7-33   Sign-6-6-7-7-33   Sign-6-7-7-33   Sign-6-7-7-34	the same of the sa	urces IV LL	.C					3a Ph	one No	(In	clude area	cod	lo)					03H	
SHL 235' FSL & 228' FEL, Sec 17, T22N, R7W		urt Farmin	gton NI	M 87402						(1//C	ciuae area	cou	(2)	8	-				
At surface   AMENORID   Sec. T. R. M., on Block and Survey are 122247 FSt. & 2477 FEL, Sec 17, 1224, R7W   Shrt. 2237 FSL & 2477 FEL, Sec 17, 1224, R7W   Shrt. 2274 FSL & 2477 FEL, Sec 17, 1224, R7W   Shrt. 2274 FSL & 2477 FEL, Sec 17, 1224, R7W   Shrt. 2274 FSL & 2477 FEL, Sec 17, 1224, R7W   Shrt. 2274 FSL & 2477 FEL, Sec 17, 1224, R7W   Shrt. 2274 FSL & 2477 FEL, Sec 17, 1224, R7W   Shrt. 2274 FSL & 2477 FEL, Sec 17, 1224, R7W   Shrt. 224, R7W   Shrt. 2274 FSL & 2477 FEL, Sec 17, 1224, R7W   Shrt. 2274 FSL & 2477 FEL, Sec 17, 1224, R7W   Shrt. 2274 FSL & 2477 F	4. Location of	Well (Repo	ort local	ion clearly	and in accor	dance with F	ederal r	equirement	ts) *										ploratory
SHC 235   FSL & 228   FSL & 238   FSL &							At surfa	ce AM	ENDED					-	11.	Sec., T	, R., M.	on I	Block and
Al top prod   interval reported below	SHL: 235' FSI	L & 228' FE	EL, Sec 1	7, T22N, R7	7W														
Altop prod. interval reported below At total depth   14. Date Spudded   15. Date T.D. Reached   15. Date T.D. Reached   15. Date T.D. Reached   17.	BHL: 2274' FS	SL & 2477'	FEL, Se	7 T22N, R	7W										12.	County	or Paris	sh	
14. Date Spudded														1	Sar	idova	al		NM
18. Total Depth   15588*MD   19. Plug Back T.D.   15433*MD   20. Depth Bridge Plug St. MD   TVD   4825*TVD   20. Depth Bridge Plug St. MD   TVD   TV			rted bel					lic Direct	0 1.	1.5	12/10				1.7	F1	(DE	DI	D. DT. CL\*
18. Total Depth: 15588' MD   19. Plug Back T.D.: 15453' MD   4825' TVD   4825' TVD   4825' TVD   4825' TVD   22. Was well cored?   SNo   Yes (Submit analysis)   Was DST run?   SNo   Yes (Submit teport)   Was DST run?   SNo   Yes (Submit t		ded		A STATE OF THE PARTY OF THE PAR	T.D. Reache	d						Pro	od.				ons (DF	, RK	B, R1, GL)*
		otal Depth:	1558			19. Plug Ba	ck T.D.:							ıg Set:	ML	)			
Was DST run?   NMOCD   Wes (Submit report)						_									T	VD			
Form 3160-4 (June 2015)	21. Type Electr	ric & Othe	r Mecha	nical Logs	Run (Submit	copy of eacl	h)				22. Was v	vell	cored?						
Control   Cont																			
Common   C									CALL AND MANAGE			N. SMITTER TO	al Surve	ey?		No	XYes (S	Subm	it copy)
Company   Comp	F 2160 4										NMOCI	D							
23. Casing and Liner Record (Report all strings set in well)  Hole Size   Size/Grade   Wt. (#h)   Top (MD)   Bottom (MD)   Stage Cement   S. F. V. V. (#h)   Gravity   Cement Top*   Amount Pulled    17-1/2"   13-3/8",1-55   54.5   0   254" MD   765   1377   surface    8-1/2"   5-1/2", P-110   17   0   15578" MD   2910   4328   surface    24. Tubing Record   Size   Dept Set (MD)   Packer Dept (MD)   Size   Depth Set (MD)   Packer Depth (MD)   Size   Depth Set (MD)   Packer Depth (MD)   Packer Depth (MD)    25. Production   Top   Botrom   Perforated Interval   Size   No. Holes   Perf. Status    MC   4766" TVD   4833" TVD   5135"-15356" MD   42   2051    27. Acid, Fracture, Treatment, Cement Squeeze, Post hydraulic fracturing chemical disclosures on FracFocus.org    28. Production - Interval A   Date First   Test Date   Hours   Production   Hours   Fraction   Hours   Production   Holes   Production   Ho					UN	ITED STA	TES												
Real Content   Real	(June 2013)					TIED SI	TLO		A	MA	Y 27	20	19						
17-1/2"   13-3/8", J-55   54.5   0   254'MD   320   378   surface	23. Casing and	Liner Reco	ord (Rep	ort all strin	igs set in wel	(1)						200 60							
17-1/2"   13-3/8", J-55   54.5   0   254'MD   320   378   surface	Hole Size	Size/Grad	le	Wt. (#ft.)	Top (MD)	Bottom (	MD)	Stage Ceme Depth	enten / S	N	of Sks. &	nt I	Slur	ry Vol.		Ceme	ent Top*		Amount Pulled
12-1/4"   9-5/8", J-55   36   0   2949' MD   765   1377   surface	17-1/2"	13-3/8"	J-55	64.5	)	254' N	/ID	Бери		171				JDL)	surface		+		
24. Tubing Record   Size   Dept Set (MD)   Packer Dept (MD)   Size   Depth Set (MD)   Packer Depth (MD)					)										surface		+		
24. Tubing Record  Size Dept Set (MD) Packer Dept (MD)  Size Depth Set (MD) Packer Depth (MD)  Size No. Holes  Perf. Status  Size No. Holes  Perf. Status  Size No. Holes  Perf. Status  Amount, Type of Material and Date of Chemical Disclosure upload on FraeFocus org  Depth Interval A Amount, Type of Material and Date of Chemical Disclosure upload on FraeFocus org  Size Size Press. Size Production Interval BBL MCF BBL Ratio Producing PR  ACCEPTED FOR RECORD  Production BBL MCF BBL Ratio Producing BBL Gravity Gravity Gravity Gravity Gravity Producing PR  ACCEPTED FOR RECORD  Production BBL MCF BBL Ratio Producing Production Method Farmington Method Farmington Producing PR  ACCEPTED FOR RECORD  Production BBL MCF BBL Ratio Producing MCF BBL Ratio Producing PR  ACCEPTED FOR RECORD  Production BBL MCF BBL Ratio Producing MCF BBL Ratio Producing PR  ACCEPTED FOR RECORD  Production BBL MCF BBL Ratio BBL MCF BBL Ratio BBL MCF BBL Ratio Producing PR  ACCEPTED FOR RECORD BY:  MAY 2 2 7 7 3				7 0	)										surface				
Size   Dept Set (MD)   Packer Dept (MD)   Size   Depth Set (MD)   Packer Depth (MD)   Packer Depth (MD)																			
Size   Dept Set (MD)   Packer Dept (MD)   Size   Depth Set (MD)   Packer Depth (MD)   Packer Depth (MD)	24. Tubing R	ecord																	
Solution   Performation   Size   No. Holes   Perf. Status	Size	Dept Se	t (MD)	Packer 1	Dept (MD)	Size		Depth Set (1	MD) P	ack	er Depth (M	ID)		Size		De	pth Set (N	MD)	Packer Depth (MD)
25. Producting Intervals  Formation  Top Bottom Perforated Interval Size No. Holes Perf. Status  No. Holes Perf. Status No. Holes Perf. Status  No. Holes Perf. Status No. Holes Pe		4885'		4875'															
Formation   Top   Bottom   Perforated Interval   Size   No. Holes   Perf. Status		Intonial.						D C		- 1									
Arcepted For Record  Archive A	25. Producing				Тор	Botton						T N	No. H	oles			Perf. Status		
Depth Interval Amount, Type of Material and Date of Chemical Disclosure upload on FracFocus org  Frac MC, 57 total stages 5135'-15356', Perfed 21, 0.42" holes with 30/50 PSA Sand & 18,793,800 total proppant  28.Production - Interval A  Date First Produced 5/9/19 Tested 5/9/19 Tested 5/9/19 Tested 24 hr Production BBL MCF BBL Corr. API. Gravity Flowing PR  Choke Size Press. Pres	MC			47								42							
Depth Interval Amount, Type of Material and Date of Chemical Disclosure upload on FracFocus org  Frac MC, 57 total stages 5135'-15356', Perfed 21, 0.42" holes with 30/50 PSA Sand & 18,793,800 total proppant  28.Production - Interval A  Date First Produced 5/9/19 Tested 5/9/19 Tested 5/9/19 Tested 24 hr Production BBL MCF BBL Corr. API. Gravity Flowing PR  Choke Size Press. Pres																			
Second Content of the content of t	27. Acid, Fra	cture, Trea	tment, (	Cement Squ	eeze, Post hy	draulic fract	uring ch	emical disc	closures o	on F	FracFocus.	org							
28. Production - Interval A  Date First Produced 5/9/18 Test Date Production BBL 432 454 1224  Choke Tbg. Press. Press. Press. Press. Size Production - Interval B  Date First Test Date Production BBL MCF BBL Gravity Flowing PR  ACCEPTED FOR RECORD PR  Water BBL Gravity Flowing Flowing PR  Well Status Producing PR  MAY 2 2 7334  MAY 2 2 7334  Choke Tbg. Press. Csg. Press. Production - Interval B  Date First Produced Test Date Production BBL MCF BBL Gravity Flowing PR  Choke Tbg. Press. Csg. 24 Hr. Oil Gas BBL MCF BBL Gravity Gravity Production Method Gravity Production Method Gravity Gas Gravity Well Status FarmingTon Fello Office BBL Gravity Grav	Dep	oth Interval			0	A	mount, T	ype of Mater	rial and Da	te o	of Chemical	Disc	losure u	pload on	Frac	Focus.o	rg		
Date First Produced 5/9/19	5135'-15356'			Frac M	C, 57 total	stages 513	5'-1535	66', Perfe	d 21, 0.4	42"	' holes w	ith	30/50	PSA Sa	and	& 18,	793,800	) tot	al proppant
Date First Produced 5/9/19	20 Production	Interval A																	
Produced 5/9/18				Test	Oil	Gas	Wat	er C	Dil Gravit	v	Gas		P	roductio	on M	lethod			
Choke Size Press. Press. Press. Press. Press. Press. Size at the state of the state	Produced 5	5/9/19	Tested	Producti	on BBL	MCF	BBI	_   C				vity	F	lowing					
Size 48/64" Press. Flwg. Sl 220 Production - Interval B  Date First Produced Tested Production BBL Gas Flwg. Size Flwg. S	5/9/18		24 hr	-	432	454	122	4					P	R					
Press. Press.   Press																	ACC	EPT	ED FOR RECORD
28a. Production - Interval B  Date First Produced Test Date Hours Tested Production BBL Gas MCF BBL Corr. API.  Choke Tbg. Press. Csg. Flwg. Press. Size Flwg. SI				Rate	BBL	MCF	BBI	R	Ratio			lucir	ıg						
28a. Production - Interval B  Date First Produced Test Date Hours Test Oil BBL MCF BBL Corr. API.  Choke Tbg. Press. Size Flwg. Press. Size Size Flwg. Size Size Size Size Size Size Size Size	S	SI	700	_							PK								
Date First Produced Test Date Hours Test Production BBL Gas MCF BBL Corr. API.  Choke Tbg. Press. Size Flwg. Press. SIze Flwg. SI		-	1.0															MA'	Y 2 2 7019
Produced Tested Production BBL MCF BBL Corr. API. Gravity  Choke Tbg. Press. Size Flwg. Press. SIze Flwg. SI				Test	Oil	Gas	Wat	er C	)il Gravit	v	Gas		Pr	oductio	on M	ethod			1
Choke Tbg. Press. Csg. Press. Size Flwg. Press. SI	Children and Children and Children	Control of the Contro											1-1	oddelle	JII IVI	culou		ING	TON FELD OFFIC
Size Flwg. Press. Rate BBL MCF BBL Ratio				-	-												BY:_		J
Size Flwg. Press. Rate BBL MCF BBL Ratio		og. Press.	Csg.	24 Hr.	Oil		Wat				Well	Sta	tus						
	Size F1	wg.	Press.	Rate	BBL	MCF	BBI												
			naces fo	r additional	data on pag	e 2)			UVA										

	tion - Inter	vaic								
te First oduced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water	Oil Gravity Corr. API.	Gas Gravity	Production Method	
e 1	Гbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		
. Produc	tion - Inter	val D								
	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API.	Gas Gravity	Production Method	
e F	Γbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		
Disposit	tion of Gas	(Solid, us	sed for fuel, ve	ented, etc	:.)					
								31. Formatio	n (Log) Markers	
Show all	important g depth inte	zones of p	orosity and co	ntents th			drill-stem tests, n pressures and			
Forma	tion	Тор	Botton	1	Des	scriptions, Con	tents, etc.		Name	Тор
1 011114	tion	Top	Botton			oriptions, con				Meas. Depth
OJO A	LAMO	661	661							
KIRT	LAND	718	717							
PICTURE	D CLIFFS	883	881							
LE	WIS	1208	1203							
CHA	ACRA	1441	1434							
CLIFF	HOUSE	1583	1575							
MEN	IEFEE	2705	2683							
POINT L	оокоит	2711	2692							
IAM	NCOS	3644	3615							
GAI	LLUP	3831	3800							
Addition	and some office	(inaluda	plugging proc	adura)						
						he appropriate			_	
Electr	rical/Mechan	nical Logs (	l full set req'd.	)		eologic Report	□DST Repo	rt	☑ Directional Survey	
Sundr	y Notice for	plugging a	nd cement veri	fication	C	Core Analysis	□Other:			
			going and atta		formation is co	omplete and co	orrect as determine Title Permit Spe		ble records (see attached instr	uctions) *
	nature	P.	1 / A A	X			Date: 5/20/19	Cianot		
Sig	nature	V	W L	1			Date. 3/20/19			

## RECEIVED

### DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

# WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED OMB NO. 1004-0137

5. Lease Serial No. N0-G-1311-1807

Expires: January 31, 2018

1a. Type of			Dil Well	□w		Dry	Oth						anagen		If Indian,	Allottee o	r Tribe	Name
b. Type of 0	Completion	<b>1</b>	New Well	□ W	ork Over	Deepen	Plu	ig Back	Diff.	Zones		Hydrau	lic Fracturi		Unit or Ca	A Agreem	ent Na	ame and No.
			Other:											NN	INM1352	18X		
2. Name of C		10														ne and W		
3. Address	sources IV L	LC		-					Phone N		lude d	area coa	le)	9.	API Well	No.		
200 Energy C							1 1		-636-974	3					043-2130		21	
4. Location	of Well (Rep	ort loca	ition clea	irly and	in accord	dance with Fe					- a M				avada W;	Pool or E Mancos	explor	atory
At surface								£	TO	1		11		11.		R., M., on	Block	k and
SHL: 235' I	FSL & 228' F	EL, Sec	17, T22N	I, R7W			F	1	: 11		N BE			17	Survey of 22N 7W	r Area		
BHL: 2274'	FSL & 2477	FEL, Se	ec 7 T22	N, R7W			1	E WEN	1 10					12.	County	or Parish		State
								•						Sa	ndoval		NM	L
At top prod.  14. Date Spi		orted be	low At t	otal dep	oth Reached	1		16 Da	te Compl	eted 5	/2/19			17	Elevation	ns (DF, RI	KR R	T GL)*
7/6/18		55%			. Reactice				D& A			dy to Pro	od.	687	8'	15 (DI , ICI	KD, K	1, (1)
	Total Depth		8' MD			19. Plug Bac			MD	2	20. D	epth Br	idge Plug		D IVD			
	L-4792						825' T	VD										
21. Type Ele	etric & Othe	er Mech	anical Lo	ogs Run	(Submit	copy of each	)			2		Vas well Vas DST				Yes (Sub		2
													al Survey		_	Yes (Sub		
														NMOC	D -	100 (000)		P37
Form 3160	-4																	
(June 2015	)				UNI	TED STA	TES						MA	Y20	2019			
23. Casing ar	nd Liner Rec	ord (Re	nort all	strings s	eet in well	1												
Hole Size	Size/Gra		Wt. (#f		Top (MD)	Bottom (N	(D)	Stage Ce	menter		of Sk			No. C	Cement	Төр*	Amount Pulled	
17-1/2"	13-3/8"		54.5	0		254' M		Depth		Type of Cement			378	(BBL)		surface		
12-1/4"	9-5/8"	/	36	0		2949' N				765			1377		surface			
8-1/2"	5-1/2",		17	0		15578′ N					2910		4328		surface			
24. Tubing	Record																	
Size		et (MD)		ker Dept	t (MD)	Size		Depth S	et (MD)	Packe	er Dept	th (MD)	S	ize	Deptl	h Set (MD)		Packer Depth (MD)
2-7/8",6.5# 80 EUE 8rd	4885'		4875	o'														
25. Produc	ing Intervals	S						26. Perfe	oration R	ecord								
MC	Formation	1			ор	Bottom			erforated I				Size		Holes		Pe	erf. Status
MC				4766	' TVD	4833' TVD		5135′-1	5356′ M	D		.42		2051				
27 Acid F	racture Tre	atment	Cement	Sauceza	e Post hv	draulic fractu	ring cl	hemical o	lisclosure	es on F	racEc	ocus org						
	Depth Interval	dunent,	Cement	Squeez	c, rost ny								losure unla	and on Fra	cFocus.org			
5135′-1535			Fra	c MC, 5	57 total	stages 5135											otal p	roppant
																9		
28.Production Date First		Hours	Test		Oil	Gas	Wa	iter	Oil Gra	vity		Gas	Pro	duction N	Method			
Produced	5/9/19	Tested		uction	BBL	MCF	BB	L	Corr. A			Gravity		wing				
5/9/18		24 hr			432	454	122	24					PR		-	ACCEPT	ED F	OR RECORD
Choke	Tbg.	Csg.	24 H		Oil	Gas	Wa		Gas/Oi	1		Well Sta						
Size 48/64"	Press. Flwg.	Press. 900	Rate		BBL	MCF	BB	L	Ratio			Producii PR	ng			MAY	11'	7 2019
10/01	SI	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,										110				IVIZ	1	2013
28a Produ	220 action - Inter	val R						2									TON,	FELD OFFICE
Date First	Test Date	Hours	Test		Oil	Gas	Wa		Oil Gra			Gas	Pro	duction N	1ethod BY			4
Produced		Tested		uction	BBL	MCF	BB	L	Corr. A	PI.		Gravity						V
~					0.11				0 15:			W. V. C						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 F Rate		Oil BBL	Gas MCF	Wa BB		Gas/Oi Ratio	I		Well Sta	itus					

28b. Prod	uction - Inter	rval C												
Date First Produced		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	uction - Inter	val D	·	<u>I</u>		<b>!</b>								
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						
28. Dispo	sition of Gas	(Solid use	ed for fuel, ve	nted etc	 :)	<u> </u>								
					<del></del>			21 Formatio	n (Log) Markers	<u> </u>				
Show a	all importanting depth into	zones of po	orosity and co cushion used	ntents th	ereof: Cored i		drill-stem tests, n pressures and		(206)					
		Too			_			_		Тор				
Form	nation	Тор	Bottom	·	De	scriptions, Con	tents, etc.		Name	Meas. Depth				
010	ALAMO	661	661	<u> </u>				<u> </u>						
	RTLAND	718	717											
	RED CLIFFS	883	881											
	EWIS	1208	1203	_										
	HACRA	1441	1434											
	F HOUSE	1583	1575	-			,							
	ENEFEE	2705	2683											
	гооколт	2711	2692											
	ANCOS	3644	3615											
	ALLUP	3831	3800											
			1											
33 Y 11,1;	onol ========	. /inal-: -	lugging not	aduss)										
			lugging proc							<del></del>				
33. Indica	te which iter	ns have bee	en attached b	y placin	g a check in t	ne appropriate	boxes:							
□Elec	trical/Mechan	nical Logs (1	full set req'd.)			eologic Report	DST Repor	t	☑Directional Survey					
□Sun	dry Notice for	plugging an	d cement verif	ication		ore Analysis	☐Other:							
34. I heret	by certify the	at the forego	oing and atta	ched infe	ormation is co	omplete and co	orrect as determined	from all availa	ble records (see attached instru	uctions) *				
N	ame (please	print) <u>Lac</u>	ey Granillo			<del></del>	Title Permit Specialist							
Si	ignature 🔾	KCA	CUT	)			Date: 5/13/19							
				X					-					