e					4						1				
Form 3160-4 UNITED STATES (August 2007) DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT												FORM APPROVED OMB No. 1004-0137 Expires: July 31, 2010			
WELL COMPLETION OR RECOMPLETION REPORT AND LOG												5. Lease Serial No. NMSF079391			
la. Type of Well 🔲 Oil Well 🖾 Gas Well 🗋 Dry 🗋 Other										6. If Indian, Allottee or Tribe Name					
b. Type of Completion  ☐ New Well  ☑ Work Over  ☐ Deepen  ☐ Plug Back  ☐ Diff. Resvr. Other											7. Unit or CA Agreement Name and No.				
2. Name of	Operator	Ouic			Contact		IY JONES	S					91000950 ase Name		1 No
HILCOF	RP ENERG			-Mail: tajor		orp.com		(sar	n jua			S	AN JUAN	27-5 U	NIT 126E
3. Address	HOUSTC	N, TX 77	002			F	3a. Phone Ph: 505.3	324.5	185	rea code)		9. AI	PI Well No		9-30518-00-C2
4. Location	of Well (Re	port locati	on clearly ar	id in accord	ance with	Federal	requiremen	nts)*	unen		awret A	10. F B	ield and P	ool, or E	xploratory RDE
At surface NWSW 2626FSL 185FWL 36.588791 N Lat, 107.408930 W Lon NMOCD											11. Sec., T., R., M., or Block and Survey or Area Sec 7 T27N R5W Mer NMP				
At top prod interval reported below SENW 2614FNL 1607FWL AUG 1 4 2019											12. County or Parish 13. State				
At total of 14. Date Sp	udded	NW 2614	FNL 1607F	WL ate T.D. Rea	ached		6 2	ate	ampleted Re			RIO ARRIBA     NM       17. Elevations (DF, KB, RT, GL)*			
07/28/20		MD	8979	/06/2008	. Plug Bac	TD.	MD	/18/2	2019 8979			6636 GL			
		TVD	7845		0		TVD		7845				0 0	Т	VD
	ECTRASC	AN GR	CBL			ch)			2:	Was D	ell cored? ST run? ional Surv		No No No	TYes	(Submit analysis) (Submit analysis) (Submit analysis)
23. Casing an	d Liner Rec	ord (Repo	ort all strings	set in well) Top	Botto	m Sta	ge Cement	ter	No. of S	te &	Slurry V	/01			
Hole Size	Size/C	irade	Wt. (#/ft.)	(MD)	(MD		Depth		Type of C		(BBL		Cement	Тор*	Amount Pulled
17.500 12.250			48.0 36.0			233 666			380 1343			53 460			3
8.750			26.0			381	4961		754			246		3595	12
								-							
								+							
24. Tubing															
Size I 2.375	Depth Set (N	4D) Pa 5669	acker Depth	(MD) 5	Size [	Depth Set	t (MD)	Pac	ker Depth	(MD)	Size	De	pth Set (M	(D) P	acker Depth (MD)
25. Producin	-					26. Perf	foration Re					-		1	
A)	mation MESAVI	RDF	Тор	В	ottom		Perforated Interval 4970 TO 4970			4970	Size	No. Holes     Perf. Status       340     2     CEMENT SQZ			
B)	ME O/ W												340 42 OPEN		
C)											0.34	-		OPEN	
D) 27. Acid, Fra	acture, Trea	tment, Cen	nent Squeeze	e, Etc.					5/35 10	5735	0.34	0	2		NT SQZ
E	Depth Interv								ount and T						
			370 SQZ 18 343 500 GAI											CF N2 7	
			10 500 GA												
28. Productio			735 SQZ 58	SX CLASS	G NEAT W	//1% CA0	CL2 (67 CF	- 12	BBLS) = 1	1.15 YLD	CEMENT.	DISP	LACE W/2	2 BBLS.	
Date First	Test	Hours	Test	Oil	Gas	Water		l Gravi		Gas	P	roducti	on Method		
	Date 07/18/2019	Tested 1	Production	BBL 0.0	MCF 31.0	BBL	0.0	orr. API		Gravity			FLO	WS FRO	M WELL
	Tbg. Press. Flwg. 650	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas Rat	s:Oil tio		Well Sta	itus				
	SI 650	664.0		0	755		5			P	GW				
	Test	Hours	Test	Oil	Gas	Water		l Gravi		Gas	Р	roducti	on Method		
	Date	Tested	Production	BBL	MCF	BBL		nt. API		Gravity					
Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Ga: Rat	tio		Well Sta	itus				
(See Instruction ELECTRON	IC SUBMI	SSION #4	litional data 77235 VER <b>/ISED</b> **	IFIED BY	THE BLN	1 WELI		MAT	TON SYS	TEM M REV	ISED **	* BL	M REV	ISED *	*

NMOCDAY

Produced Date Tested Production BBL MCF BBL Corr. API Gravity   Thoke The Press Csg. 24 Hr. Nate Oil Gas Water BBL Ratio Well Status   28c. Production - Interval D Test Hours Test Production BBL MCF BBL Oil Gravity Gas Gas Production Method   Toduced Date Heurs Test Production BBL MCF BBL Oil Gravity Gas Gas Production Method   Toduced Date Heurs Test Production BBL MCF BBL Oil Gravity Gas Gas Production Method   Toduced Test Hours Test Oil Gas Water BBL Corr. API Gravity Gravity   Toduced Test Hours Test Oil Gas Water BBL BBL Corr. API Gravity Gravity   29. Disposition of Gas(Sold. used for fuel. vented. etc.) Status MCF BBL MCF BBL Bas MCF BBL Mater   30. Summary of Porous Zones (Include Aquifers): Show all important zones of poro																
Object     Date     Total     Docknow     Bit     Wer     Ear AT     Garded       State     The     Part     Car     State     The     The     State     The	28b. Proc	luction - Interv	val C								-					
usr   proc	Date First Produced										Production Method					
2N: Production - Interval D   Term	Choke Size	Flwg.								Vell Status						
Definition     Test From     <	28c Prod		(21 D													
Date     Tend     Pandacose     Bitl     Str     Bitl     Cor. API     Oracio       State     Top     Press     Str     Str     Bitl     Cor. API     Oracio       29. Dipect of Gast/Sold. acid for bod. vented. etc.)     Str			-	Tast	08	Gas	Water	Oil Gravity	Lc.	las	Production Mathad					
bits   Print   But   MCF   But   But   But     29   Deposition of Cast/Sold   used for fuel, venicel, ec.)   30.   Summary of Porous Zones (Include Aquifers):   31. Formation (Log) Markers     30.   Summary of Porous Zones (Include Aquifers):   31. Formation (Log) Markers   31. Formation (Log) Markers     30.   Summary of Porous Zones (Include Aquifers):   31. Formation (Log) Markers   31. Formation (Log) Markers     30.   Summary of Porous Zones (Include Aquifers):   31. Formation (Log) Markers   31. Formation (Log) Markers     30.   Summary of Porous Zones (Include Aquifers):   31. Formation (Log) Markers   32.     30.   Summary of Porous Zones (Include Aquifers):   32.   32.     30.   Onto Descriptions, Contents, etc.   Name   Top     30.   Context (Server Care S S)   PUERFAMITO BENTONTE   22.48     WITE: WAXC (FAN IY DENTONTE   WITE: WAXC (FAN IY DENT COLFFS)   32.49     WENEFEE   DARK GRY CARE SH.   DOR SHY (CARE SH)   POINT LOOKOUT     32.   Additional remarks (include plugging procedure):   3. DST Report   4. Directional Survey     33.   Circle enclosed attachments:   Electrical Machan	Produced										Production Method					
SOLD     30. Summary of Porous Zones (Include Aquifers): tests: melluing depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.   31. Formation (Log) Markers     issts::::::::::::::::::::::::::::::::::	Choke Size								W	Vell Status						
Show all important zones of processly and contents thereof. Greed intervals and all drill-stem is including depth interval tested, cushon used, time tool open. Bowing and shut-in pressures and recoveries.     Formation   Top   Bottom   Descriptions, Contents, etc.   Name   Top     2007 ALAMO   2798   WHITE, CR-GR SS   UVCR-LT   OUD ALAMO   2788     2017 ALAMO   2884   GRY SPI NITERGAR BCD DWTIGHT, or POTUNET   OUD ALAMO   2884     2017 ALAMO   2884   GRY SPI NITERGAR BCD DWTIGHT, or POTUNET   OUD ALAMO   2884     2017 ALAMO   2884   GRY SPI NITERGAR BCD DWTIGHT, or POTUNET   OUD ALAMO   2884     2017 ALAMO   2884   BR-GRY, FINE GRN SPI (COLL, GRN   POTUNED CLIFFS   3408     400 FETER   BR-GRY, FINE GRN SPI (COR SC ARB SH.   DARK GRY CARB SH.   BROM FETER   3408     2017 LOOKOUT   5583   DARK GRY CARB SH.   BROM SPI (COR SC ARB SH.   BROM SPI (ST ARB SH.   BROM SPI (ST ARB SH.     31. Circle enclosed attachments:   1. Electrical/Mechanical Logs (1 full set req'd)   2. Geologic Report   3. DST Report   4. Directional Survey     3. Sundry Notice for plugging and cenent verification   6. Core Analysis   7 Other:   4. Directional Survey			Sold, used	l for fuel, veni	ed, etc.)											
tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.     Formation   Top   Bottom   Descriptions, Contents, etc.   Name   Top     200 ALAMO   2788   WHTE, CR-GR SS   OLO ALAMO   7288     201 ALAMO   2886   OKY, SHI INTERBEDDED WTIGHT, GR   FRUITIAND   2224     201 VLEFAS   3408   BN-GRY, FINE GRN, TIGHT SS, TUTLAND   FRUITIAND   22324     201 VLEFAS   3408   WHTE CR-GR SS   OLO ALAMO   FRUITIAND   2234     201 VLEFAS   3408   WHTE WAY CH-ALIVY PENTS, CRAIT   FRUITIAND   2324     201 VLEFAS   3408   WHTE WAY CH-ALIVY PENTS, CRAIT   HUEBERPHIN DBENTONTE   3408     201 VLEFAS   6083   DARK GRY CARB SH.   WED-LIGHT GRY VERY FINE GR SS   POINT LOOKOUT   6083     30. Circle enclosed attachments:   1. Electrical Mechanical Logs (1 full set reqd.)   2. Geologic Report   3. DST Report   4. Directional Survey     31. Lectrolic Submission #47725 Verified by the BLA Well Information System.   6. Core Analysis   7 Other:   4. Directional Survey     32. Additional remarks (include plugging and cenent verification   6. Core Analysis   7	30. Summ	nary of Porous	s Zones (I	nclude Aquife	rs):					31. For	mation (Log) Markers					
Formation     Top     Bottom     Descriptions, Contents, etc.     Name     Meas. Depth       DAO ALAMO     2798     2798     WHTE, CR-GR SS     OLO ALAMO     2798       STUIT TOD     3004     2892     GRV FIRE BS H, COAL, GRN     PCTURED CLIFFS     3008       VICTURED CLIFFS     3049     WHTE, WAXY CHALKY BENTONITE     900     2892       VICTURED CLIFFS     3049     WHTE, WAXY OF ALKY BENTONITE     PCTURED CLIFFS     3049       VICHERANTO SENTONITE     5284     WHDE, ARK GRY, FINE GR, SC, CARB     PUCTURED CLIFFS     3049       VICHERANTO SENTONITE     5283     MED-DARK GRY, VERY FINE GR SS, CARB     POINT LOOKOUT     6083     6083       VIANCOS     6083     DARK GRY CARB SH.     MENEFEE     524       90INT LOOKOUT     6083     DARK GRY CARB SH.     MANCOS     6083       32. Additional remarks (include plugging procedure):     2. Geologic Report     3. DST Report     4. Directional Survey       33. Circle enclosed attachments:     1. Electrical Mechanical Logs (1 full set req/d.)     2. Geologic Report     3. DST Report     4. Directional Survey       5. Sundry Noti	tests,	including dept							es							
DO ALAMO   2798   WHITE, CR-GR SS   OJO ALAMO     SIRTLAND   2886   GRY SH INTERBEDDE WITGHT, GR   OJO ALAMO     SIRTLAND   2886   GRY SH INTERBEDDE WITGHT, GR   OJO ALAMO     PCUTURED CLIFFS   3408   WHITE, WAY, GRAB SH, COAL, GRN   FRUITLAND   2224     PCTURED CLIFFS   3408   WHITE, WAY, GRAB SH, COAL, GRN   FUCTURED CLIFFS   3408     POTT LCOKOUT   5583   WHED-LIGHT GRY, VERY FINE GR SS   HUERFAND   BENCONT   3583     JANCOS   6083   DARK GRY CARB SH.   MED-LIGHT GRY, VERY FINE GR SS   MANCOS   6083     32. Additional remarks (include plugging procedure):   3. DST Report   4. Directional Survey     33. Circle enclosed attachments:   1. Electrical Mechanical Logs (1 full set req'd.)   2. Geologic Report   3. DST Report   4. Directional Survey     34. I hereby certify that the foregoing and acament verification   6. Core Analysis   7 Other:   4. Directional Survey     34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):   Electronic Submission ATT235 Verified by the BLM Well Information System. For HLICORP ENERGY COMPANY, sent to the Farmington Committed to AFMSS for processing by JOE KLILINS on 008/9219 [9]/W		Formation		Top	Bottom		Descriptions, Contents, etc. Name									
GRT_LAND   2886   GRY SH INTERBEDDED WITIGHT, GR   2886     PCUTURED CLIFFS   3008   3224   Signature   349     PCTURED CLIFFS   3408   WENGRY, FINE GRN, TIGHT SS.   3408     PCTURED CLIFFS   3408   WHOLARK GRY, FINE GRN, SIGNATIOH SS.   3408     POINT LOCKOUT   5224   WHOLARK GRY, FINE GRN, SIGNATION TEMPORATION SECONDIC MENTON TEMPORATION SECONDIC MENTON TEMPORATION SECONDIC MENTON SECONDIC MENTON TEMPORATION SECONDIC MENTON SECONDICIDARI MENTON SECONDIC MENTON SECONDICID MENTON SECONDICID MEN							1									
1. Electrical/Mechanical Logs (1 full set req'd.)   2. Geologic Report   3. DST Report   4. Directional Survey     5. Sundry Notice for plugging and cement verification   6. Core Analysis   7 Other:   4. Directional Survey     34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):   Electronic Submission #477235 Verified by the BLM Well Information System. For HILCORP ENERGY COMPANY, sent to the Farmington Committed to AFMSS for processing by JOE KILLINS on 08/09/2019 (19JK0121SE)   Name (please print) TAMMY JONES     Signature   (Electronic Submission)   Date 08/08/2019     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	KIRTLAN FRUITLA PICTURE HUERFA MENEFE POINT LC MANCOS	D ND ED CLIFFS NITO BENTO E DOKOUT		2886 3224 3408 3949 5224 5583 6083	edure):	GF DK BN WF ME ME	RY SH INTER GRY-GRY I-GRY, FINE HITE, WAXY ED-DARK GR ED-LIGHT G	SH INTERBEDDED W/TIGHT, GR RY-GRY CARB SH, COAL, GRN RY, FINE GRN, TIGHT SS. E, WAXY CHALKY BENTONITE DARK GRY, FINE GR SS, CARB LIGHT GRY, VERY FINE GR SS POINT LOOKOUT								
1. Electrical/Mechanical Logs (1 full set req'd.)   2. Geologic Report   3. DST Report   4. Directional Survey     5. Sundry Notice for plugging and cement verification   6. Core Analysis   7 Other:   4. Directional Survey     34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):   Electronic Submission #477235 Verified by the BLM Well Information System. For HILCORP ENERGY COMPANY, sent to the Farmington Committed to AFMSS for processing by JOE KILLINS on 08/09/2019 (19JK0121SE)   Name (please print) TAMMY JONES     Signature   (Electronic Submission)   Date 08/08/2019     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	33 Circle	e enclosed atta	chments:													
5. Sundry Notice for plugging and cement verification   6. Core Analysis   7 Other:     34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):   Electronic Submission #477235 Verified by the BLM Well Information System. For HILCORP ENERGY COMPANY, sent to the Farmington Committed to AFMSS for processing by JOE KILLINS on 08/09/2019 (19JK0121SE)     Name (please print)   TAMMY JONES   Title REGUALATORY SPECIALIST     Signature   (Electronic Submission)   Date 08/08/2019     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				gs (1 full set re	a'd.)		2. Geologic	Report		3. DST Re	port 4 Directio	nal Survey				
Electronic Submission #477235 Verified by the BLM Well Information System. For HILCORP ENERGY COMPANY, sent to the Farmington Committed to AFMSS for processing by JOE KILLINS on 08/09/2019 (19JK0121SE)     Name (please print)   TAMMY JONES     Signature   (Electronic Submission)     Date   08/08/2019     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																
Electronic Submission #477235 Verified by the BLM Well Information System. For HILCORP ENERGY COMPANY, sent to the Farmington Committed to AFMSS for processing by JOE KILLINS on 08/09/2019 (19JK0121SE)     Name (please print)   TAMMY JONES     Signature   (Electronic Submission)     Date   08/08/2019     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	24 1 6	by costify d-	the for	aing and atta	had informer	tion is see	mlata and a	root on datamain	ad from	all available	records (see attached instruction	200):				
Name (please print)   TAMMY JONES   Title   REGUALATORY SPECIALIST     Signature   (Electronic Submission)   Date   08/08/2019     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	54. I nere	by certify that	the foreg	Elect	ronic Subm For HIL	ission #477 CORP EN	235 Verified ERGY COM	by the BLM V PANY, sent to	Vell Info the Fa	ormation Sy rmington	stem.	ons):				
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	Name	c(please print)	TAMMY		ted to AFM	SS for pro	cessing by JC									
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	Signa	Signatura (Electronic Submission)								Data 08/08/2010						
	Sigila	iure	LIECTO				Date	Sate SUBULUTS								
												igency				

\*\* REVISED \*\*