## RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR

APR 2 4 2019

## REVISED

FORM APPROVED OMB No. 1004-0137 Expires: July 31, 2018

	BUREAU OF LAND MANAGEMENT	
WELL	COMPLETION OR RECOMPLETION REPORT AND LOG Field	STICE Serial No.

	VVE	LL COIVI	PLETION	K KECC	JIVIPLE	ION REP	Bureau	of Lan	d Manag	lement NM	SF0080379	A	
la. Type of Well b. Type of Com		Oil Well New Well	X Gas V Work	<u>_</u>	Dry Deepen	Oth	er g Back	Diff. R		If Indian, Allottee	or Tribe Name		
b. Type of Con	ipietion.	Other:			_ Весрей		S Duck			Unit or CA Agree	ment Name and (CA) NMNM		
2. Name of Oper	rator								8.	Lease Name and	Well No.		204 411
3. Address			Hilcorp Ene	ergy Cor		ne No. (includ	de area code	2)	9.	API Well No.	ıan 29-6 Un	it Com 6	01 1H
	Report location			e with Fede	ral require		) 599-34	00	11	). Field and Pool of	30-039-3	1369	
					rui require	N	MOGD				Basin Ma	ncos	
At surface	Unit E (SWI	NW), 257	9' FNL & 18	B' FWL		t ni	2010	0040	1	<ol> <li>Sec., T., R., M., Survey or Area</li> </ol>	on Block and		
4		,				API	242	2013	,	S	ec. 8, T29N	-	
At top prod. I	nterval reported b					DIST	RICT	111		County or Parish	n	13. 5	State .
At total depth 14. Date Spudde			2374' FNL Date T.D. Reach			c. 9, T29N Date Complete		8/2019	1	Rio A 7. Elevations (DF,	Arriba RKB RT GL)*	N	lew Mexico
	26/2018	15. 1	1/15/2	019		D&A		ady to Pro	od.		6782'	GL	
18. Total Depth: MD 1508	31' TVD 7304'			Plug Back D 15021'		ı,		2	0. Depth Br	ridge Plug Set:	MD TVD		
21. Type Electri	ic & Other Mecha			-				2:	2. Was we	ll cored?	☐ No	Yes (Su	bmit analysis)
		СВ	L, Triple Co	mbo lo	g					ST run?	No No	=	bmit report)
23. Casing and I	Liner Record (Rep	ort all string	gs set in well)	-					Directi	onal Survey?	No	X Yes (Su	bmit copy)
Hole Size	Size/Grade	Wt. (#/:	ft.) Top (I	MD)	Bottom (M	1))	Cementer Depth	1900	of Sks. & e of Cement	Slurry Vol. (BBL)	Cement to	)*	Amount Pulled
17-1/2"	13-3/8" J-55	54.5			358'		n/a		500 sx	105 bbls	0		50 bbls
12-1/4" 8-3/4" & 8-1/2"	9-5/8" P-110 5-1/2" P-110	40#	0	_	6110' 15070'		3173' n/a		1414 sx 2294 sx	526 bbls 555 bbls	5350' & 43 6110'	86'	
24. Tubing Reco	Depth Set (M	(D) Pa	icker Depth (MI	0)	Size	Depth Set (	MD)	Packer D	epth (MD)	Size	Depth Set (N	(D) Pa	cker Depth (MD)
2-7/8" L-80	7626'		- T						· · · · · · · · · · · · · · · · · · ·				
25. Producing In	Formation		Тор	E	Bottom	26. Perfora	tion Record Perforated In			Size	No. Holes	P	erf. Status
A) B)	Basin Manco	S	7288' TV 7303' TV		03' TVD		029' - 1485 4874'-1487			.37"/ 6 spf toe sleeve	1656 1		Open Open
C)			7304' TV	D 730	04' TVD	1	4923'-1492	26' MD		toe sleeve	1		Open
D) 27 Acid Fractu	re, Treatment, Ce	ment Squee	7304' TV	D 730	04' TVD	1	4972'-1497	75' MD		toe sleeve	1		Open
	Depth Interval								and Type of				
80	29' - 14850' M	D	Frac'd 35 s	tgs total =	3414 bbls	of 7.5% HC	L acid, 378	,438 bbl	s Slickwate	r, 4,319,140# 100	Mesh sand &	10,833,838	3# 40/70 sand
28. Production -	Interval A												
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravit	-	Gas Gravity	Production N	Method		
2/18/2019	2/18/2019	12	-	0	1493						Flo	wing	
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas/Oil		Well Statu	S	FIC	wing	
Size	Flwg.	Press.	Rate	BBL	MCF	BBL	Ratio						
24/64	1430	2640		0	2812	1104					Producing		
28a. Production Date First	- Interval B Test Date	Hours	Test	Oil	Gas	Water	Oil Gravit	ty	Gas	Production N	Aethod		
Produced		Tested	Production	BBL	MCF	BBL	Corr. API		Gravity	ACI	CEPTED	FOR I	RECORD
			-								ADD	2 4 20	10
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio		Well Statu	S	AFR	4 ZU	IJ
	SI		$\rightarrow$							FAF	RMINGTO	FIELD	OFFICE
*(See instruction	s and spaces for a	dditional da	a on page 2)	JNFI	DEN	TIAL	NMOC	CD		Ву	The	lyon	6

	- Interval C									
ate First	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method	
oduced		Tested	Production	BBL	MCF	BBL	Согт. АРІ	Gravity		
oke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas/Oil	Well Status	<del></del>	·-
e	Flwg.	Press.	Rate	BBL	MCF	BBL	Ratio			
	SI									
Production	- Interval D				· · · · · · · · · · · · · · · · · · ·					
e First	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method	
duced		Tested	Production	BBL	MCF	BBL	Corr. API	Gravity		
oke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas/Oil	Well Status	· <del>L</del>	
е	Flwg.	Press.	Rate	BBL	MCF	BBL	Ratio			
	SI									
Disposition	of Gas (Sold, used	for fuel, ve	ented, etc.)				<u> </u>			
						sc	OLD			
Summary of	f Porous Zones (In	clude Aqui	fers):					31. Format	ion (Log) Markers	
-	ortant zones of pooth interval tested,	•					ıt,			
<del></del>	<u> </u>				<u>, -</u>			+		Тор
Formation	n To	р	Bottom		Descript	tions, Conte	ents, etc.		Name	Meas. Depth
Ojo Alam	10 272	14	2889			White, cr-gr s	•	<del> </del>	Ojo Alamo	2724
Kiritand			3424	<b>l</b> .			s gry, fine-gr ss.		Kirtland	2889
					-	_				
Fruitiano	1		3678	Dk gry-gry		-	-med gry, tight, fine gr s	3.	Fruitland	3424
Pictured Ci Lewis	liffs 367		3754 5322	l		y, fine gm, tip w/ siltstone st	-		Pictured Cliffs Lewis	3678 3754
Lewis	37.		5322		Snate	w/ sutstone si	ungers		LOWIS	3754
Cliffhous	se 53	,,	5443		Light gry, me	d-fine or ss. c	arh sh & coal		Ciliffhouse	5322
Menefe			5904				arb sh & coal		Menefee	5443
Monoro		.	0004	Med-light o			ent sh breaks in lower par			
Point Look	kout 590	04	6404			of formation			Point Lookout	5904
Mancos	s 640	04	7822		D	ark gry carb s	ıh.		Mancos	6404
Greenho	om 78:	,,	7892		Wahle a	ala amu ah au <i>l</i> s	ikin Taure		Greenhorn	7822
Granero		1	1032		Dk gry shale,	alc gry shw/t fossil&carb			Graneros	7892
Grancio	, , , ,				Da gry aimo,	rossa de daro	w pyrice dies.			
Additional r	remarks (include p	lugging pro	cedure):	ļ						1
Indicate wh	ich items have bee	n attached l	by placing a chec	k in the app	ropriate boxe	28:				
X Electrical	l/Mechanical Logs	(1 full set r	req'd.)		Geol	ogic Report	D:	ST Report	X Directional Sur	rvey
Sundry N	lotice for plugging	and cemen	t verification	<del></del>	Core	Analysis	Ot	her;		
11	rtify that the forego	oing and att	ached information	on is complet	e and correc	t as determi	ned from all available	•	ttached instructions)*	
I nereby cer							<b></b>	Operat	tions/Regulatory Techn	ician - Sr
-	(please print)		Tai	nmy Jon	ies		Title	Operat	/	ncian - Or.

(Continued on page 3)

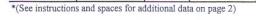
(Form 3160-4, page 2)

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0137

Expires: July 31, 2018

	WE	LL COMF	PLETION OR	RECOM	PLET	ION REP	ORT AN	D LOG	5.	Lease Serial No.	F0080379A	Pinote Co. S.
la. Type of Wel	-	Oil Well New Well	X Gas Wel		Ory Deepen	Othe Plug	er g Back	Diff. Resvi		If Indian, Allottee of	or Tribe Name	Land Manage
		Other:							7.	Unit or CA Agreen	nent Name and No (CA) NMNM-13	o. Orace 39255
2. Name of Ope	rator		lilcorp Energ	av Comp	201/				8.	Lease Name and W		Com 601 1H
3. Address	82 Road 310					ne No. (includ	le area code, 599-340		9.	API Well No.	30-039-31	
	Vell (Report locati			vith Federal	requiren		7 000-040	,,,	10.	Field and Pool or		503
A 4 C	Unit E (CM)	NIA/\ 2570	Y ENI 9 40'	EVA/I					11	0 m n M	Basin Man	cos
At surface	Unit E (SWI	1447), 2573	FINLOCIO	LAAL					11	Survey or Area	on Block and	
											c. 8, T29N, F	RO6W, NMPM
At top prod.	Interval reported b	pelow							12	2. County or Parish		13. State
At total depth	unit G	(SWNE), 2	2374' FNL &	2379' FE	L Sec	. 9, T29N				Rio A	rriba	New Mexico
14. Date Spudde		15. D	ate T.D. Reached		16. D	ate Complete	-	8/2019	17	. Elevations (DF, R		
18. Total Depth:	/26/2018		1/15/201	lug Back T.D		D&A	X Read	dy to Prod.	Sandh Dui	des Dive Cat	6782' GI	
	81' TVD 7304'		100 2 3 3	15021' TVI		, N	MOCD	20. L	Jeptn Bri	dge Plug Set:	TVD	
21. Type Electr	ic & Other Mecha	nical Logs Ru	ın (Submit copy	of each)				22.	Was well	l cored?	No	Yes (Submit analysis)
		CBL	, Triple Con	nbo log			28 2	019	Was DS	T run?	No	Yes (Submit report)
									Directio	nal Survey?	No X	Yes (Submit copy)
23. Casing and l	Liner Record (Rep	ort all strings	set in well)			DISTR	ICT					
Hole Size	Size/Grade	Wt. (#/ft	.) Top (MI	D) Bott	om (MI	))	Cementer Depth	No. of S Type of		Slurry Vol. (BBL)	Cement top*	Amount Pulled
17-1/2"	13-3/8" J-55	54.5#	0		358'		n/a	500		105 bbls	0	50 bbls
12-1/4"	9-5/8" P-110	40#	0		6110'	3	3173'	1414		526 bbls	5350' & 436'	
8-1/2"	5-1/2" P-110	20#	0	1	5070'		n/a	2294	4 sx	555 bbls	6110'	
24. Tubing Reco	Depth Set (M	(D) Pac	ker Depth (MD)	Size	,	Depth Set (	MD) I	Packer Depth	(MD)	Size	Depth Set (MD	Packer Depth (MD)
2-7/8" L-80	7626'	111	mor Dopin (1125)			Dopin Co. (	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	deller Depth	1 (1.12)	Size -	Depart of (112)	) Tuener Bepar (IIIB)
25. Producing In				7 7		<ol><li>Perforat</li></ol>				0:	X	D C C: :
A)	Formation Basin Manco	S	7288' TVD	7303'			erforated In 029' - 1485		_	Size .37"/ 6 spf	No. Holes 1656	Perf. Status Open
B)			7303' TVD	7303'			4874'-1487			toe sleeve	1	Open
C) D)			7304' TVD	7304' 7304'			4923'-1492 4972'-1497		_	toe sleeve	1	Open Open
	re, Treatment, Ce	ment Squeeze		7304	VD		4572-1457	3 IVID		toe sieeve		Ореп
	Depth Interval							amount and				
80	29' - 14850' M	D	Frac'd 35 stgs	s total = 341	4 bbls	of 7.5% HCL	acid, 378,	438 bbls Sl	ickwater	, 4,319,140# 100	Mesh sand & 10	,833,838# 40/70 sand
28. Production - Date First	Interval A Test Date	Hours	Test	Oil	as	Water	Oil Gravity	/ Ga	20	Production Me	ethod	
Produced	Test Date				ACF	BBL	Corr. API		ravity			
0/40/0040	0/40/0040	40				550					F1	ORP
2/18/2019 Choke	2/18/2019 Tbg. Press.	12 Csg. :	24 Hr.	Oil C	1493 as	552 Water	Gas/Oil	W	ell Status		Flow	ing RECO
Size	Flwg.				ACF	BBL	Ratio	"	on Blatas		TEL	FOR
											CCEPIL	2003
24/64 28a. Production	- Interval B	2640		0	2812	1104				P	Producing	FOR RECORD
Date First	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity	/ Ga	as	Production M	ethod 1111	- POFFIC
Produced		Tested	Production	BBL	<b>ICF</b>	BBL	Corr. API	Gr	ravity		All In	CONFELD ON
Cholco	The Deac	Cog	04 He	Oil	200	Water	Gos/O'	44.	all C+. +		BARMIN	
Choke Size	Tbg. Press. Flwg.		1		as ICF	Water BBL	Gas/Oil Ratio	l W	ell Status		By:	
	SI									CON	ILIDEKI	TIAI
*(See instruction	is and spaces for a	dditional data	on page 2)							LUI\	IFIUEN	HAL





, <b>~</b>		ι								
28b. Producti	on - Intèrv		<del></del>							-
Date First Produced	Test D	ate Ho	ours Test sted Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Size	Tbg. P Flwg. SI	ress. Cs Pro	-	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	3	
28c. Producti	on - Interv	al D	L							
Date First Produced	Test D	I	ours Test sted Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Size	Tbg. Pi Flwg. SI	ress. Cs Pre	-	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	, <del>'</del>	
		Sold, used for j	fuel, vented, etc.)			sc	DLD			
	epth interv		and contents thereo on used, time tool o				ıt,			
Format	tion	Тор	Bottom		Descriptions, Contents, etc.				Name	Top Meas. Depth
Ojo Ala	Ojo Alamo 2		2889			White, cr-gr s	<u> </u>	+	Ojo Alamo	2724
Kirita	Kirltand		3424		Gry sh interbedded w/tight, gry, fine-gr ss.				Kirtland	2889
Fruitla Pictured Lewi	3678 3754 5322	Dk gry-gry	Bn-G	gm silts, light iry, fine gm, ti w/ siltstone s	-	ι.	Fruitland Pictured Cliffs Lewis	3424 3678 3754		
Cliffho	use	5322	5443		Light gry, m	ed-fine gr ss, o	earb sh & coal		Ciliffhouse	5322
Menef	fee	5443	5904		_	ry, fine gr ss, c		ŀ	Menefee	5443
Point Lo	okout	. 5904	6404	Med-light	gry, very fine g	gr ss w/ freque of formation	ent sh breaks in lower par	'	Point Lookout	5904
Manc		6404	7822		Е	Dark gry carb :			Mancos	6404
Greenh	norn	7822	7892		Highly o	calc gry sh w/	thin Imst.		Greenhorn	7822

32. Additional remarks (include plugging procedure):

7892

Graneros

## CONFIDENTIAL

7892

Graneros

Electrical/Mechanical Logs (1 full s	et req'd.)	Geologic Report		DST Report	X Directional Survey
Sundry Notice for plugging and cent	nent verification	Core Analysis		Other:	
I hereby certify that the foregoing and  Name (please print)	attached information is complete a				•
	i allilly Julies	•	Title	Operation	<u>s/Regulatory Technician - Sr.</u>

Highly calc gry sh w/ thin Imst.

Dk gry shale, fossil & carb w/ pyrite incl.