UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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

]	BUREAU O								Expires: July 3	
	WEL	L COMP	LETION OF	RECO	MPLET	ION REPO	ORT AND	LOG	5. Lea	se Serial No.		
****								****		****	NMSF-078	138
1a. Type of Web. Type of Co		Oil Well New Well	X Gas Work O		Dry Deepen	Othe	-	Diff. Resvr.,	6. If I	ndian, Allottee	or Tribe Name	
		Other:	RE	7. Un	7. Unit or CA Agreement Name and No.							
2. Name of Op	erator	omer.	TEL	COMIT EL	TE TEN	TENDED			8. Lea	se Name and V	Vell No.	
		1	Hilcorp Ene	rgy Con	pany						Federal B	2
3. Address	82 Road 3100), Aztec,	NM 87410		3a. Pho	ne No. (includ (505)	e area code) 599-3400)	9. AP	I Well No.	30-045-328	860
4. Location of	Well (Report locat	ion clearly o	and in accordance	e with Fede	ral requir	rements)*			10. Fi	eld and Pool or Blanco	Exploratory Mesaverde	
At surface	Unit I (NESE), 2200'	FSL & 665'	FEL					11. S	ec., T., R., M., Survey or Are	ea	OON DAAM
At top prod.	Interval reported	below			Same	as above	•		12. C	County or Parish	Sec. 28, T3	13. State
At total dep	th			Same a	s abov	re					San Ju	an New Mexico
14. Date Spude 8/	ded 115/2005	15. E	Nate T.D. Reache 8/26/20		16. I	Date Complete D & A	-	2/2019 y to Prod.	17. E	llevations (DF,	RKB, RT, GL)* 6076	
18. Total Dept	h:	73	43' 19.	Plug Back T	T.D.:		7298'	20. Depth	Bridge	Plug Set:	MD TVD	
21. Type Elec	tric & Other Mech	anical Logs	Run (Submit co	py of each)				Wa	well co s DST r ectional		X No [X No [Yes (Submit analysis) Yes (Submit report) Yes (Submit copy)
23. Casing and	Liner Record (Rep	port all strin	gs set in well)									
Hole Size	Size/Grade	Wt. (#/f		ID) E	Bottom (M	ID) I	Cementer Depth	No. of Sks. Type of Cem	- 1	Slurry Vol. (BBL)	Cement top	
12-1/4" 7-7/8"	8 5/8" J-55 5 1/2" J-55	24# 15.5			366' 7341'		n/a n/a	250 sx 1300 sx				None None
#Exhibition of the control of the co								***************************************		-		
24. Tubing Re												
Size 2 3/8"	Depth Set (M) 6992'	D) Pa	cker Depth (MD) 5	Size	Depth Set (MD) P	acker Depth (M	D)	Size	Depth Set (M	D) Packer Depth (MD)
25. Producing I	Intervals					26. Perfora	tion Record					
	Formation		Тор		ottom	F	Perforated Int		-	Size	No. Holes	Perf. Status
A) B)	Menefee Point Look		4424' 4738'		682' 000'		1 SPF 1 SPF		.34"		24 30	open open
C) D)	TOTAL		4730	30			1 3 7 1		1	.54	54	Орен
CATALOGUE DE LA COMPANION DE L	ture, Treatment, C	ement Squee	eze, etc.								34	
	Depth Interval						A	mount and Type	of Mat	erial	OP DEC	200
	4424'-4682'											d w/105 fluid bbls
-	4738'-5000'			Frac'd w/ 1	50,967#	20/40 AZ sa	nd / 115,044	Gal #20 gel fo	oam / 1	.21M SCF N2	@ 70Q, flushed	d w/132 fluid bbls
			-							1132	2019	
28. Production										/		
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravit	ARMI	Production N	fethod OFF	wing
2/4/2019	2/1/2019	1		0	88	4	N/A		N/A	1//		Cramain
Choke Size	Tbg. Press. flowing	Csg. Press Flowing	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well S				

N/A 2126 N/A Flowing 28a. Production - Interval B Date First Hours Oil Gas Water Oil Gravity Gas Test Date Test Production Method NMOCD Produced Tested BBL MCF BBL Gravity Production Corr. API Choke Tbg. Press. Csg. 24 Hr. Oil Gas Water Gas/Oil Well Status

BBL

1 LD 2 2 20:3

DISTRICT 111

Press.

Rate

BBL

MCF

Flwg.

Size

Ratio

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

28b. Production Date First	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method	
Produced	Test Date	Tested	Production	BBL	MCF	BBL	Corr. API	Gravity	Froduction (victiod	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		····
28c. Production	n - Interval D									
Date First Produced	Test Date	Hours Tested	Test Production			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		
29. Disposition	of Gas (Solid, u	sed for fuel,	vented, etc.)			ver	nted			
	of Porous Zones		nifers):	Cored inter	vals and all			31. Formati	ion (Log) Markers	
Control of the Contro		A. A. T.	sed, time tool ope				,			
Formation Top			Bottom		Descrip	tions, Conte	ents, etc.		Name	Top Meas. Depth
Ojo Alan	no g	958'	1127'			White, cr-gr s	S		Ojo Alamo	958'
Kirltano	1	127'	2070'				gry, fine-gr ss.		Kirtland	1127'
Fruitlan Pictured C Lewis	cliffs 2	070' 394' 546'	2394' 2546' 3356'	Dk gry-gry	Bn-G	grn silts, lightery, fine grn, tig w/ siltstone st		gr ss.	Fruitland Pictured Cliffs Lewis	2070' 2394' 2546'
Chacra Mesa Ve		356'	4080' 4149'	Gry f		uconitic sd sto	one w/ drk gry shale carb sh & coal		Chacra Mesaverde	3356' 4080'
Menefe		149'	4758'	Med-light g			earb sh & coal at sh breaks in lower	part of	Menefee	4149'
Point Lool Manco		758' 6090'	5090' 5972'	Lt. gry to b		formation Dark gry carb s licac gluac silts	sh. s & very fine gry gry	ss w/	Point Lookout Mancos	4758' 5090'
Gallup Greenho Granero Dakota	orn 6	5972' 5712' 5770'	6712' 6770'	Lt to dark g	Highly of Dk gry shale ry foss carb sl	reg. interbed scale gry sh w/ scale gry sh w/ scarb cale sl sitty ss	thin Imst. w/ pyrite incl. w/ pyrite incl thin sh	n bands	Gallup Greenhorn Graneros Dakota	5972' 6712' 6770'
32. Additional	remarks (includ			ng as a E	3lanco №	lesaverd	le/Basin Dak	kota commin	gled well, per DHC 4074	IAZ.
33. Indicate w	hich items have	been attached	d by placing a ch	eck in the ap	propriate bo	xes:		_		
	al/Mechanical Lo					logic Repor	_	DST Report	Directional Sur	vey
Sundry I	Notice for pluggi	ng and ceme	ni ventication		L Cor	e Analysis		Other:		

Signature Date 2-13-19

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 of the United States any

Title

false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Cherylene Weston

(Continued on page 3)

Name (please print)

Operations/Regulatory Technician-Sr.

Form 3160-4 (June 2015)

UNITED STATES DEPARTMENT OF THE INTERIOR

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

BUREAU OF LAND MANAGEMENT	
WELL COMPLETION OR RECOMPLETION REPORT AND LOG	5. Lease Serial No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG										5. Lease Serial No. NMSF-078138					
1a. Type of W		Oil Well New Well	X Gas	Well k Over	Dry Deepen	Othe	er Back] D:66	Resvr.,	6. If Ir	ndian, Allottee o	or Tribe Name			
b. Type of Co	ompletion.	Other:	☐ wor		MPLET		Back _	J Dill.	Resvi.,	7. Un	it or CA Agree	ment Name a	nd No.		
2. Name of Op	perator									8. Lea	se Name and W				
Hilcorp Energy Company 3. Address 3a. Phone No. (include area code)											Federal B 2 9. API Well No.				
3	82 Road 310					(505)	599-340			N 184550		30-045-32	860		
4. Location of	Well (Report local	tion clearly i	and in accorda	nce with Fede	ral require	ements)*				10. Fi	eld and Pool or Blanco	Exploratory Mesaverdo	е		
At surface Unit I (NESE), 2200' FSL & 665' FEL											11. Sec., T., R., M., on Block and				
											Survey or Area Sec. 28, T30N, R11W				
At top prod	. Interval reported	below			Same	as above				12. C	ounty or Parish			13. State	
At total dep	th			Same a	s above	е						San Ju	ıan	New Mexico	
14. Date Spud	ded /15/2005	15. I	Pate T.D. Reac 8/26/2		16. D	ate Complete D & A	d 2 X Rea		rod.		levations (DF, F	RKB, RT, GL)* 6076			
18. Total Dept	h:	73	43'	. Plug Back T	.D.:		7298'		20. Depth	Bridge	Plug Set:	MD TVD			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) 22. Was well co Was DST r												X No X No X No	Yes	s (Submit analysis) s (Submit report) s (Submit copy)	
23. Casing and	Liner Record (Re	port all strin	gs set in well)			1 6		T	201 0		CI III				
Hole Size	Hole Size Size/Grade Wt. (#/ft.)			(MD) B	ottom (MI))	Cementer Depth		o. of Sks. & pe of Ceme		Slurry Vol. (BBL)	Cement to	p*	Amount Pulled	
12-1/4" 7-7/8"	8 5/8" J-55 5 1/2" J-55	24# 15.5		0	366' 7341'		n/a n/a		250 sx 1300 sx					None None	
7-110	5 1/2 3-55	15.54	7		7341		IIIa		1300 SX	+				None	
								_		-					
										1					
24. Tubing Re Size	cord Depth Set (M)	D) Pa	cker Depth (M	D) S	ize	Depth Set (1	MD) I	Packer	Depth (MD		Size	Depth Set (N	T (m	Packer Depth (MD)	
2 3/8"	6992'	10)	eker Beptii (iv.	5				acker	Depth (IVID		Size	Depth Set (1	VID)	Tacker Depth (NID)	
25. Producing	Intervals Formation		Тор	Bo	tom		ion Record erforated Ir	iterval			Size	No. Holes		Perf. Status	
A)	Menefee		4244	1 46	82		1 SPI				.34"	24		open	
B)	Point Look	out	4738	3 50	000		1 SPI	-			.34"	30		open	
D)	TOTAL											54			
27. Acid, Frac	ture, Treatment, Co Depth Interval	ement Squee	eze, etc.		*****			mount	and Type o	f Mate	rial				
	4244-4682						nd / 126,53	7 Gal 7	#20 gel foa	m / 1.	55M SCF N2 (
	4738-5000		-	Frac'd w/ 1	50,967# 2	20/40 AZ sar	nd / 115,04	4 Gal 7	#20 gel foa	m / 1.:	21M SCF N2 (@ 70Q, flushe	d w/13	2 fluid bbls	
20 P 1 1	Y 1 A								10	201	7				
28. Production Date First	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravit	VIII/	Gas	EM	Production M	ethod			
Produced		Tested	Production	BBL	MCF	BBL	Corr. API	L	Gas	LU	OFFICE	Flo	wing		
2/4/2019 Choke	2/1/2019 Tbg. Press.	Csg. Press	24 Hr.	Oil	88 Gas	4 Water	Gas/Oil	A	Well Sta						
Size	flowing	Flowing	Rate	BBL	MCF	BBL	Ratio								
1" 28a. Productio	80	N/A		0	2126	96	N/	Α				Flowing			
Date First	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravit	y	Gas		Production M	ethod		The Sea State Season Not a State State of Test State S	
Produced		Tested	Production	BBL	MCF	BBL	Corr. API		Gravity	and a manufacture for the first terms of the first				D	
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas/Oil		Well Sta	itus		FEB	22	2019	
Size	Flwg. SI	Press.	Rate	BBL	MCF	BBL	Ratio								
1/2				N	MO	CD						DISTR	161		
*(See instruction	ons and spaces for	additional d	ata on page 2)												

Bb. Production				T=	Te:-	Te	1	Talle	To	To 1			
ate First	Test Da	ate	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method			
roduced			Tested	Production	BBL	MCF	BBL	Corr. API	Gravity				
hoke	Tbg. Pr	ess.	Csg.	24 Hr.	Oil	Gas	Water	Gas/Oil	Well Status				
ize	Flwg. SI		Press.	Rate	BBL	MCF	BBL	Ratio					
Bc. Production	n - Interva	al D											
ate First	Test Da	nte	Hours	Test	Oil					Production Method			
roduced			Tested	d Production BBL MCF BF			BBL	Corr. API	Gravity	Gravity			
hoke	Tbg. Pr	ess.	Csg.	24 Hr.	Oil	Gas	Water	Gas/Oil	Well Status				
ze	Flwg. SI		Press.	Rate	BBL	MCF	BBL	Ratio					
). Disposition	of Gas (S	Solid, used	for fuel, v	ented, etc.)									
							ver	nted					
). Summary o	of Porous	Zones (Inc	lude Aquif	Ters):					31. Format	ion (Log) Markers			
Show all imr	portant zo	nes of por	osity and c	ontents thereof:	Cored inter	vals and all	frill-stem tes	st.					
				d, time tool oper				,					
recoveries.		,											
					I					To			
Formatio	on	Тор		Bottom		Descrip	tions, Conte	nts, etc.		Name	Meas. Depth		
Ojo Alan Kirltano		958' 1127	. 1	1127' 2070'	White, cr-gr ss Gry sh interbedded w/tight, gry, fine-gr ss.					Ojo Alamo Kirtland	958' 1127'		
Kiritand 1127 2070													
Fruitlan Pictured C	1	2070 2394		2394' 2546'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss. Bn-Gry, fine grn, tight ss.				3.	Fruitland Pictured Cliffs	2070' 2394'		
Lewis		2546'		3356'	Bn-Gry, fine grn, tight ss. Shale w/ siltstone stingers					Lewis	2546'		
20110													
Chacra		3356	,	4080'	Gry fi	n grn silty, gla	uconitic sd sto	one w/ drk gry shale		Chacra	3356'		
Mesa Ver	rde	4080	4080' 4			Light gry, me	ed-fine gr ss, c	arb sh & coal		Mesaverde	4080'		
Menefe	e	4149	'	4758'			y, fine gr ss, ca			Menefee	4149'		
Point Look	kout	4758'		5090'	Med-light gr	y, very fine gr	ss w/ frequent formation	t sh breaks in lower part	of	Point Lookout	4758'		
Manco		5090'		5972'	Dark gry carb sh.					Mancos 5090'			
0.11		50731			Lt. gry to b		-	& very fine gry gry ss v	v/	Collun			
Gallup Greenho	1	5972' 6712' 6770'					reg. interbed s			Gallup Greenhorn	5972' 6712'		
Granero	1	6770		1	Highly calc gry sh w/ thin Imst. Dk gry shale, fossil & carb w/ pyrite incl.					Graneros	6770'		
Delega					Lt to dark gr	Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands				Dalvata	,		
Dakota						cly	y Y shale brea	KS		Dakota			
2. Additional	remarks ((include plu	ugging pro	cedure):									
	,	This we	ell is no	w producii	ng as a E	Blanco M	esaverd	e/Basin Dakot	a commin	gled well, per DHC 4074	IAZ.		
2 Indicate w	high itams	have beer	attached	by placing a che	ak in the ann	rongiata hox	,as:						
and the same of th					ck in the app	_			CT Dan	□ p:			
Electrical/Mechanical Logs (1 full set req'd.)						_	logic Report		ST Report				
Sundry N	Notice for	plugging a	and cement	verification		Core	Analysis		ther:	-			
. I hereby ce	ertify that	the foregoi	ing and att	ached information	on is complet	te and correc	et as determi	ned from all availabl	e records (see	attached instructions)*			
Nama	(please p	rint)		Chen	lene We	ston		Title	Oners	tions/Regulatory Techr	nician-Sr		

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 of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Date

(Continued on page 3)

Signature

(Form 3160-4, page 2)