Form 3160-4 (June 2015)						× '	1 4 4 <b>4</b>	CEI	VED				
	UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT										FORM APPR OMB No. 100 Expires: July 2	04-013	7
WELL COMPLETION OR RECOMPLETION REPORT AND LOG Farmington Field Office NMSF078144													
1a. Type of Well     Oil Well     X     Gas Well     Dry     Other     Other     6. If Indian, Allottee or Tribe Name													
b. Type of Co		New Well		_	Deepen		Dack	DIII. Kesvi		Unit or CA Agree			
Other:         RECOMPLETE - Amended         N/A           2. Name of Operator         8. Lease Name and Well No.													
Hilcorp Energy Company Pan American Federal Gas Com B 1E											IS Com B 1E		
3. Address       3a. Phone No. (include area code)       9. API Well No.         3. Address       (505) 599-3400       30-045-2484         4. Location of Well (Report location clearly and in accordance with Federal requirements)*       10. Field and Pool or Exploratory											842		
					ral requirem	ents)*					ztec Pictur	ed C	liffs
At surface	Unit G (SWN	IE), 1710	' FNL & 1660	)' FEL					11	. Sec., T., R., M., Survey or Ar			
	1	h - 1			Samoa	s above			12	S	ec. 31, T30		11W 13. State
At top prod.	Interval reported	below				is above			12	. County or Parisl			
At total dep		15 D	ate T.D. Reached		s above	te Complete	d	2/8/2019	17	Elevations (DF,	RKB, RT, GL)*		New Mexico
1/	27/1982		2/7/198	2		D&A	X Read	y to Prod.			5837'		
18. Total Dept	h:	670	00' 19. P	lug Back T	.D.:	MMUUL	6680'	20. 1	Depth Bri	dge Plug Set:	MD		
21. Type Elec	tric & Other Mech	anical Logs F	Run (Submit cop	of each)	MA	Y 0 2	2019	22.	Was well	cored?	X No	Ye	es (Submit analysis)
									Was DS		X No X No		es (Submit report)
23. Casing and	Liner Record (Re	port all string	gs set in well)			RICT	111		Directio	nal Survey?	X NO		es (Submit copy)
Hole Size	Size/Grade	Wt. (#/fi	1	D) B	ottom (MD)		Cementer Depth	1000000 000	Sks. & Cement	Slurry Vol. (BBL)	Cement to	p*	Amount Pulled
12-1/4"	8 5/8" J-55		and the second		357'		n/a	300	0 sx	(BBL)			None
7 7/8"	4 1/2" J-55	10.5#	¢ 0		6700'		n/a	168	80 sx		+		None
						_							
24. Tubing Re Size	Depth Set (M	D) Pa	cker Depth (MD)		Size	Depth Set (	MD) P	acker Dept	th (MD)	Size	Depth Set (N	MD)	Packer Depth (MD)
2 3/8"	2091'				2	6. Perforat	tion Record						
25. Producing	Formation		Тор		ottom		Perforated Int			Size	No. Holes		Perf. Status
A) B)	Pictured Cl	liffs	2062'	20	091'		4 SPF			.41"	72		open
C)											73		
D) 27. Acid, Frac	TOTAL cture, Treatment, C	and the second se	ze, etc.								72		
	Depth Interval							mount and					
	2071'-2089'		Acidized w/1	000 gais	15% HCL, 1	rrac'd w/18		0 AZ sand 0Q, flushe			ive, 59,808 gai	#20 v	vater gel, .34M SCF N
	2062'-2071' 2089'-2091'						the state of the s	Existing h		Contraction of the local division of the loc			
20 Dect							0.5-4-4-4-4-1-5-5-5-5-5-5-5-5-5-5-5-5-5-5-						
28. Production Date First	n - Interval A Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity	G	Gas	Production 1			
Produced		Tested	Production	BBL	MCF	BBL	Corr. API	G	Gravity		flo	wing	9
N/A	2/1/2019			0	6	0	n/a		n/a				
Choke Size	Tbg. Press. SI	Csg. Press Flowing	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	V	Well Status				
14/64"				0		0						TED	FOR RECORD
28a. Productio	350 psi on - Interval B	N/A	L		144	1	n/a				Shut In		
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API		Gas Gravity	Production 1	Method AP	PR 3	0 2019
											FARMING	STON	FIELD OFFICE
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas/Oil	I A O O	Vell Status	;	-BY:	-	1
Size	Flwg. SI	Press.	Rate	BBL	MCF	BBL	Ratio	New UL	J				N
								17					

\*(See instructions and spaces for additional data on page 2)

6							· · · ·	1				
28b. Production	28b. Production - Interval C											
Date First	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method			
Produced		Tested	Production	BBL	MCF	BBL-	Corr. API	Gravity				
							1					
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas/Oil	Well Status				
Size	Flwg.	Press.	Rate	BBL	MCF	BBL	Ratio					
	SI											
28c. Production	n - Interval D											
Date First	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method			
Produced		Tested	Production	BBL	MCF	BBL	Corr. API	Gravity				
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas/Oil	Well Status				
Size	Flwg.	Press.	Rate	BBL	MCF	BBL	Ratio					
	SI											

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

Vented

31. Formation (Log) Markers

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem test, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

					Тор
Formation Top E		Bottom	Descriptions, Contents, etc.	Name	Meas. Depth
Ojo Alamo	640'	757'	White, cr-gr ss	Ojo Alamo	640'
Kirltand	757'	1607'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	757'
Fruitland	1607'	2062'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	1607'
Pictured Cliffs	2062'	2285'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	2062'
Lewis	2285'		Shale w/ siltstone stingers	Lewis	2285'
Chacra		•	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	
Mesa Verde		3808'	Light gry, med-fine gr ss, carb sh & coal	Mesaverde	,
Menefee	3808'	<b>4407'</b>	Med-dark gry, fine gr ss, carb sh & coal	Menefee	3808'
Point Lookout	4407'	4897'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of	Point Lookout	4407'
			formation		4897'
Mancos	4897'	5656'	Dark gry carb sh.	Mancos	4897
Gallup	5656'		Lt. gry to brn calc carb micac gluac silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	5656'
Greenhorn		,	Highly calc gry sh w/ thin Imst.	Greenhorn	
Graneros		6600'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	,
0.000			Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands		
Dakota	6600'		cly Y shale breaks	Dakota	6600'

32. Additional remarks (include plugging procedure):

## The PC is currently non-productive and will be tested. The DK is isolated by a CIBP @ 2200' and will be drilled out after 90-days.

33. Indicate which items have been attached by placing a check in the	e appropriate boxes:								
Electrical/Mechanical Logs (1 full set req'd.)	Geologic Report	DST Report	Directional Survey						
Sundry Notice for plugging and cement verification	Core Analysis	Other:							
34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*									
Name (please print) Cherylene	Weston	Title Operatio	ns/Regulatory Technician-Sr.						
Name (please print) Cherylene V Signature	Ana	Title Operation	ns/Regulatory Technician-Sr.						
Ahan. 19 - 1110	it a crime for any person knowingly	Date 4-29-1	9						

Form 3160-4 (June 2045)									NIAOC	D				
,		UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT								201	3	FORM APPRO OMB No. 100 Expires: July 3	4-013	7
WELL COMPLETION OR RECOMPLETION REPORT AND LOG 10 T 5. Lease Serial No. NMSF078144														
la. Type of We		Oil Well	X Gas W		Dry	Oth				6. If I	ndian, Allottee o	r Tribe Name		
b. Type of Co	b. Type of Completion: New Well Work Over Deepen Plug Back Diff. Resvr., Other: RECOMPLETE										nit or CA Agree	ment Name an N/A	d No.	
2. Name of Operator 8. Lease Name and Well No.											0 D 10			
3. Address		1	Hilcorp Ene	rgy Cor		ne No. (inclu	de area co	ode)		9. AF	Pan Ameri PI Well No.	can Federa	al Ga	as Com B 1E
	382 Road 310 Well (Report local			o with Fad	rol raquire		5) 599-3	400		10 5	ield and Pool or	30-045-248	342	
					and require	(mems)				10, F		ztec Picture	ed C	liffs
At surface	Unit G (SWI	NE), 1710	' FNL & 166	O' FEL						11. 5	Sec., T., R., M., o Survey or Are			
											S	ec. 31, T30		Contraction of the second states of the second stat
At top prod	. Interval reported	below			Same	as abov	е			12. (	County or Parish			13. State
At total dep	and a second sec			and the second sec	as abov	-				L		an Juan		New Mexico
14. Date Spud	ded /27/1982	15. E	Date T.D. Reache 2/7/19		16. D	Date Complet		2/8/ Ready to	/2019 Prod.	17. 1	Elevations (DF, I	5837' C	GL	
18. Total Dept	th:	67	00' 19.	Plug Back	T.D.:		668		20. Depth	Bridge	Plug Set:	MD		
11 Tuna Elas	ctric & Other Mech	aniaal Logal	Dup (Submit or	ou of careb)					22, Was	wall a	and 2	TVD		es (Submit analysis)
21. Type ciec		lanical Logs	Kun (Suonn co	py of each)						s DST		X No		es (Subinit report)
									Dir	ectional	l Survey?	X No		es (Submit copy)
23. Casing and	d Liner Record (Re	port all strin	gs set in well)			L Store	Contract		No. of Sks.	e.	Churry Vol	1		·····
Hole Size	Size/Grade	Wt. (#/f		/D)	Bottom (M	D) Stag	e Cement Depth		Type of Cem		Slurry Vol. (BBL)	Cement top	)*	Amount Pulled
12-1/4" 7 7/8"	8 5/8" J-55 4 1/2" J-55				357' 6700'		n/a n/a		300 sx 1680 sx					None None
1 110	4 112 0-00	10.0	+ U		0100		IIIA		1000 34					None
								_						
		1												
24. Tubing Ro Size 2 3/8"	Depth Set (M 2091	1D) Pa	cker Depth (MI	)	Size	Depth Set	(MD)	Packe	er Depth (M	D)	Size	Depth Set (N	4D)	Packer Depth (MD)
25. Producing	THE REPORT OF TH					26. Perfor				1				Der C. Glasher
A)	Formation Pictured C	liffs	Top 2071		ottom		Perforate 4 S	SPF	1	-	Size .41"	No. Holes <b>72</b>		Perf. Status open
B) C)														
D)	TOTAL	1										72		
27. Acid, Fra	cture, Treatment, C Depth Interval	Cement Squee	eze, etc.					Amou	ant and Type	ofMa	terial	*****		
	2071'-2089'		Acidized w	/1000 gals	15% HCL	., frac'd w/1		20/40 A		andwe	dge max additi	ve, 59,808 gal	#20 v	water gel, .34M SCF N2
		· · · · · · · · · · · · · · · · · · ·												A
28. Productio Date First	n - Interval A Test Date	Hours	Test	Oil	Gas	Water	Oil Gr	auite	Gas		Production N	fethod		
Produced	Test Date	Tested	Production	BBL	MCF	BBL	Corr.		Gravit	y	Production	flo	win	g.
N/A	2/1/2019	1		0	6	0		n/a		n/a		. ki	ieu	ricz
Choke	Tbg. Press.	Csg. Press	24 Hr.	Oil	Gas	Water	Gas/O		Well S	tatus		Hann		110
Size	SI	Flowing	Rate	BBL	MCF	BBL	Ratio				Dave "			12/19
14/64"	350 psi	N/A		0	144	0		n/a				Shut In		1011
28a. Producti Date First	ion - Interval B Test Date	Hours	Test	Oil	Gas	Water	Oil Gr	avity	Gas		Production N	fethod		l
Produced	TOST DUIC	Tested	Production	BBL	MCF	BBL	Corr.		Gravit	У	i ioduction i			
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas/O	hil	Well S	tatus				*****
Size	Flwg. SI	Press.	Rate	BBL	MCF	BBL	Ratio							
*(See instruct	tions and spaces fo	r additional d	ata on page 2)			N	MOC	Ð						

280. "Production - Interval C										
Date First	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method	
Produced		Tested	Production	BBL	MCF	BBL	Corr. API	Gravity		
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas/Oil	Well Status		
Size	Flwg.	Press.	Rate	BBL	MCF	BBL	Ratio			
	SI									
28c. Production	- Interval D									
Date First	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method	
Produced		Tested	Production	BBL	MCF	BBL	Cort. API	Gravity		
								4		
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas/Oil	Well Status		
Size	Flwg.	Press.	Rate	BBL	MCF	BBL	Ratio			
	SI									

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

## Vented

30. Summary of Porous 2	Zones (Include Ad	uifers):		31. Formation (Log) Markers	
			Cored intervals and all drill-stem test, n, flowing and shut-in pressures and		
Formation	Тор	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
Ojo Alamo Kirltand	640' 757'	757' 1607'	White, cr-gr ss Gry sh interbedded w/tight, gry, fine-gr ss	Ojo Alamo Kirtland	640' 757'
Fruitland Pictured Cliffs Lewis	1607' 2062' 2285'	2062' 2285'	Dk gry-gry catb sh, coal, grn silts, light-med gry, tight, fine gr ss. Bn-Gry, fine grn, tight ss Shale w/ siltstone stingers	Fruitland Pictured Cliffs Lewis	1607' 2062' 2285'
Chacra Mesa Verde		3808'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale Light gry, med-fine gr ss, carb sh & coal	Chacra Mesaverde	
Menefee	3808'	4407'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	3808'
Point Lookout Mancos	4407' 4897'	4897' 5656'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part o formation Dark gry carb sh.	Point Lookont Mancos	4407' 4897'
Gallup Greenhorn Graneros	5656'	6600'	Lt. gry to brn cale carb micae gluae silts & very fine gry gry ss w/ irreg interbed sh. Highly cale gry sh w/ thin Imst. Dk gry shale, fossil & carb w/ pyrite incl.	Gallup Greenkorn Graneros	5656'
Dakota	6600'		Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh band cly Y shale breaks	s Dakota	6600'

32. Additional remarks (include plugging procedure):

## The PC is currently non-productive and will be tested. The DK is isolated by a CIBP @ 2200' and will be drilled out after 90-days.

33. Indicate which items have been attached by placing a check	in the appropriate boxes:									
Electrical/Mechanical Logs (1 full set req'd.)	Geologic Report		DST Report	Directional Survey						
Sundry Notice for plugging and cement verification	Core Analysis	Other:								
34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*										
Name (please print) Cheryle	ene Weston	Title	Operatio	ns/Regulatory Technician-Sr.						
Signature Cheryleve V	yoton	Date	9-21-	-19						
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, false, fictitious or fraudulent statements or representations as to a		ngly and willf	ully to make to any de	partment or agency of the United States any						
(Continued on page 3)	and the second			(Form 3160-4, page 2)						