	UNITED STATES EPARTMENT OF THE I BUREAU OF LAND MANA	NTERIOR	OMB	FORM APPROVED OMB NO. 1004-0137 Expires: January 31, 2018			
SUNDRY	5. Lease Serial No. NMSF078212	5. Lease Serial No.					
Do not use the abandoned we	6. If Indian, Allottee	6. If Indian, Allottee or Tribe Name					
SUBMIT IN	7. If Unit or CA/Agr	7. If Unit or CA/Agreement, Name and/or N					
1. Type of Well ☐ Oil Well ⊠ Gas Well □ O	ther		8. Well Name and No ROURKE 1E	8. Well Name and No. ROURKE 1E			
2. Name of Operator HILCORP ENERGY COMPA	Contact: NY E-Mail: mwalker@	AMANDA WALKER hilcorp.com	9. API Well No. 30-045-25892-	9. API Well No. 30-045-25892-00-C1			
3a. Address 1111 TRAVIS STREET HOUSTON, TX 77002		3b. Phone No. (include area code) Ph: 505-324-5122	BASIN DAKOT	0. Field and Pool or Exploratory Area BASIN DAKOTA FLORA VISTA			
4. Location of Well (Footage, Sec.,	T., R., M., or Survey Description	) )	11. County or Parish	, State			
Sec 4 T30N R13W NWNW 1 36.846440 N Lat, 108.21521			SAN JUAN CC	OUNTY, NM			
12. CHECK THE A	PPROPRIATE BOX(ES)	TO INDICATE NATURE O	F NOTICE, REPORT, OR OT	HER DATA			
TYPE OF SUBMISSION		TYPE OF	YPE OF ACTION				
<ul> <li>Notice of Intent</li> <li>Subsequent Report</li> </ul>	☐ Acidize ☐ Alter Casing	<ul><li>Deepen</li><li>Hydraulic Fracturing</li></ul>	<ul> <li>Production (Start/Resume)</li> <li>Reclamation</li> </ul>	□ Water Shut-C			
_	Casing Repair	New Construction	Recomplete     Temporarily Abandon	Other Workover Oper			
□ Final Abandonment Notice	<ul> <li>Change Plans</li> <li>Convert to Injection</li> </ul>	<ul><li>Plug and Abandon</li><li>Plug Back</li></ul>	<ul> <li>Temporarily Abandon</li> <li>Water Disposal</li> </ul>	orarily Abandon			
following completion of the involve	ork will be performed or provide d operations. If the operation re-	the Bond No. on file with BLM/BIA sults in a multiple completion or reco	. Required subsequent reports must b impletion in a new interval, a Form 31	e filed within 30 days 60-4 must be filed onc			
If the proposal is to deepen direction Attach the Bond under which the we following completion of the involve testing has been completed. Final A determined that the site is ready for PLEASE SEE THE ATTACH ROURKE 1E 3004525892	ork will be performed or provide d operations. If the operation re- bandonment Notices must be fil final inspection.	the Bond No. on file with BLM/BIA sults in a multiple completion or reco ed only after all requirements, includ	Required subsequent reports must b	e filed within 30 days 60-4 must be filed onc			
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Rourke 1E 3004525892 BH Repair Lease: NMSF078212

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## 12/6/19: MIRU. SDFWE

**12/9/19:** (TBG: 85 PSI, CSG: 85 PSI, BH: 75 PSI) BDW. ND TREE & WH. INSTL TBG HNGR. NU BOP. RU TESTER. PT BOP (LOW 250 & HIGH 1700) RD TESTER. TOH W/PROD TBG. MU 5 ½" RBP & TIH & SET @ 140'. FILL HOLE & PT RBP, CSG & WH T/600 PSI F/30 - GOOD TEST. ND BOP. ND TBG HEAD. CU & LUBE SEALS. NU BOP. SL. SDFN.

12/10/19: 17 SEC TO BD 70 PSI ON BH. RELEASE & LD RBP. RU TUBOSCOPE & TOOH TBG. PU 4 ¾" STRING MILL & TIH TO 4951'. SDFN.

**12/11/19:** 15 SEC TO BD 55 PSI ON BH. TIH TO 5188'. TOOH W/STRING MILL. PU RBP & PCKR AND TIH. SET RBP @ 5158'. PMP 20 BBLS OF H2O. SET PCKR @ 5126'. PM 15 BBLS. PT RBP & PCKR TO 800 PSI. GOOD TEST. LOAD & CIRC WELL W/120 BBLS H2O. PT CSG FRM 5158' TO SURF, 650 PSI. GOOD TEST. TOOH LD PCKR & RBP. RU WL & RUN CBL FRM 5158' TO SURFACE. SDFN.

**12/12/19:** 15 SEC TO BD 55 PSI ON BH. RU WELLCHECK, PRE TEST CSG. 580 PSI. GOOD TEST. RUN MIT, 570 PSI FOR 30 MINS. GOOD TEST. NMOCD REP THOMAS VERMERSCH ON LOCATION TO WITNESS. PU RETRIEVING HEAD & TIH. UNLOAD H2O @ 2500' & 5150'. EQUALIZE & RELEASE RBP. TOOH W/RBP. PU BHA & TIH W/151 JTS 2 3/8" 4.7# J-55 PROD TBG. SDFN.

TROUBLE EMAIL: UPDATE PROVIDED TO BLM & OCD, CBL SHOWS GOOD CMT, BASED ON DIFFERENCE IN COMPOSITIONS, GAS DOES NOT APPEAR TO BE COMING THRU LEAK. OCD SUGGESTED AN AUDIOLOG TO FIND THE SOURCE OF GAS. VERBAL APPROVAL GIVEN ON 12/13/2019 BY OCD & BLM TO DO THE FOLLOWING:

- 1) Pass the MIT. This will confirm that the casing is competent and, as anticipated due to the dissimilar gas compositions, the source is not coming from the wellbore
- 2) Vent the BH to the pit
- 3) Shut the well in overnight 1x per week to measure the absolute buildup. Submit those results weekly to the OCD and the BLM.
- 4) At the end of 30 days and on the 4<sup>th</sup> and final buildup, re-test the BH for pressure

If the gas is isolated it should bleed off over time. If it does not, we confirm that we have gas migrating behind pipe and we will need to discuss our options to either resolve the migration or P&A the wellbore.

**12/13/19:** CONT TIH. EOT @ 6162', SN @ 6161', PBTD @ 6368. ND BOP, NU WH. PT TBG TO 500 PSI FOR 10 MINS, TST GOOD. PMP 5 GAL CORROSION INHIBITOR SWEEP.

RDRR @ 10:30 hrs ON 12/13/19

Hilcorp Energy Company Current Schematic											
I/UWI		Surface Legal Location	Field Name			Rou			ate/Province		Well Configuration Type
04525892 ound Elevation 551.00		D-4-30N-13W Original KB/RT Elevation 5,565.00	BASIN	KB-Grour 14.00	nd Distance (ft)	and the second se	05 B-Casing Flar		EW ME>		Vertical anger Distance (ft)
51,00		0,000.00			Name of the Party					And the Const	
		1	Vertical,	Original H	ole, 12/18	2019 1	:38:11 F	PM			
D (ftKB)	TVD (ftKB)				Vertical s	chematic	(actual)				
14.1		Tubing Hanger; 7	1/16 in; 4.70 lb/	ft; J-55;	1888 S		.R 98				nont: 11.00.250.00;
15.1			14.00 ftKB; 15.								nent; 14.00-250.00; w/ 171 cu ft Class "B" w/
200.8										2 & 1/4# ce t to surfac	elloflake/sk. Good circ,
244.8			8 in; 8.10 in; 14.0					CLARK .		n at 1:45 A	
245.7			scription: 8 5/8 in ground, but exte								Cement; 14.00-1,719.00;
250.0		surface per Well		245.88							e 10 bbl mud flush 5/35 pozmix w/ 6% gel,
392.1		— Ojo Alamo (final) —		ftKB				6-	—1/4# g	ilsonite &	1/4# celloflake/sk. Good
899.9		-Fruitland (final)									cmt. Plug down at 10:45 ople down, make cut off
,525.9		— Pictured Cliffs (final)						&	set slips	S	, ,
,719.2								4,	239.00;	4/29/1984	Cement; 1,719.00- ; 2nd stage w/ 10 bbl
,720.1								m	ud flush	ahead, 10	000 cu ft 65/35 pozmix Isonite & 1/4# celloflake/
								sł	. Good	circ. Circ c	out 10 bbl cmt. Plug
,723.1		Cheere (final)									rop bomb & circ 4 hrs. //1984; Frac Gallup
,337.9		Chacra (final)	2 3/8 in; 4.70 lb/	ft; J-55;				da	own 5—	1/2" csg w	/ 90,000 gal 30# gel,
,104.0			5.00 ftKB; 6,126.	67 ftKB							as follows: pump · 000 gal 1/4 PPG 20/40
,232.0		Menefee (final)									2 PPG 20/40 sand, 0/40 sand, displace_w/
9,901.9		— Point Lookout (final)						13	34 bbl 19	% KCI wtr.	ISIP 600, 15 min 600.
,238.8					19392		10992				n; 5/10/1984; Break –5208' w/ 1% KCI wtr @
,240.2							1	r40	BPM.	SIP 500. F	Pump 1000 gal 7-1/2%
,243.1											ers spaced evenly in % KCl wtr. Clear perfs.
,950.1											Cement; 4,950.00- ; 1st stage w/ 20 bbl
,208.0		- Gallur PERF - GALL	UP; 5,208.00-5,	488.00;				L 7m	ud flush	ahead & s	552 cu ft 50/50 pozmix
,487.9			5/1	0/1984							lloflake/sk. Plug down omb & circ 4 hrs.
,926.8								H	ydraulic	Frac; 5/10	/1984; Frac Dakota
,9 <mark>61.</mark> 9		— Green Horn (final) —						SL	urfactant	per 1000	2560 bbl 30# gel & 1 gal gal fluid, & 105,000#
,074.1		Tubing Pup Joint;									vs: pump 30,000 gal PPG 20/40 sand,
,080.1		6,126 Tubing YELLOW;	6.67 ftKB; 6,128. 2 3/8 in; 4.70 lb/					35	5,000 ga	w/ 2 PPC	6 20/40 sand, displace
,126.6		6,128	3.67 ftKB; 6,160.	60 ftKB			翻發				vtr. ISIP 1400. /10/1984; Break down
,128.6				9/1984	2000 A9942			D:	akota 62	212-6080'	w/ 1% KCl wtr @ 40 np 750 gal 7-1/2% HCl
,160.8		SEAT NIPPLE 1.78;	2 3/8 in; 4.70 lb/f ).60 ftKB; 6,161.				翻譯	W	125 ba	Il sealers s	spaced evenly in acid,
,161.7		Mule Shoe;	2 3/8 in; 4.70 lb/f	t; J-55;	1000			di	splace v	v/ 1% KCI	wtr. Clear perfs.
,162.1		6,161	1.70 ftKB; 6,162.	10 ftKB			1005				
,211.9							888 888				Cement (plug); 6,368.00- ; 1st stage w/ 20 bbl
,368.1		PBTD; 6,368.00; per	schematic dated	07-13.			a 998	m	ud flush	ahead & S	552 cu ft 50/50 pozmix
,369.1		L		57 10.							lloflake/sk. Plug down omb & circ 4 hrs.
,370.1											
,397.0		2; Production1; 5 1/2	2 in: 4.89 in: 14 0	0 ftKB:							
,398.0		Des	scription: 5 1/2 in	casing							
,399.9		Adjust fr 6397.89' (14' orig	om 6396.89' (13' ginal KB); 6,397.8								

