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

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG								5. Lease Serial No.  NMSF080505A							
la. Type of Well	Т	Oil Well	X Gas	Well	Dry	Othe	r		(	5. If Inc	lian, Allottee o				
b. Type of Com	_	New Well	Wor	Work Over Deepen Plug Back Diff. Resvr.,					_	Farmington Field Office					
		Other:		RECOMPLE	TE - AMEN	IDED			Bure	la Writ	or GA Agree	ment Name ar San Juan 28		t	
2. Name of Oper	ator	o ther.							8	B. Lease	e Name and W		0 011		
			Hilcorp E	nergy Compa						SAN JUAN 28-6 UNIT 117 9. API Well No.					
3. Address	382 Road 310	0, Aztec, N	IM 87410		3a. Phone	No. (include (505)	599-3400		3	API	Well No.	30-039-07	7458		
4. Location of W	ell (Report locati	on clearly a	nd in accorda	nce with Federa	al requireme	ents)*				10. Field and Pool or Exploratory  Blanco Mesaverde					
At surface			UNIT J (N	NW/SE), 1545'	FSL & 17	00' FEL			-	11. Sec	c., T., R., M., o		averd	e	
											Survey or Area	1			
At top prod. In	nterval reported b	elow			Same a	s above			-	12. Co	unty or Parish	Sec. 10, 7		R06W 13. State	
				-							•				
At total depth 14. Date Spudde		15. T	Date T.D. Read	Same as		e Completed	1 5/7/2	2019		17 Ele	Rio Ar	riba KB, RT, GL)*		New Mexico	
4/14/1965 4/29/1965 D & A X Ready to Prod. 6397', GL															
18. Total Depth:	7743'		19	9. Plug Back T.	D.: <b>77</b>	28'		20.	Depth B	Bridge P	lug Set:	MD			
21. Type Electri		nical Logs F	Run (Submit o	copy of each)		20		22.	Was w	well cored? X No Yes (Submit analysis)					
			CBL						Was I	OST rur	1?	X No		s (Submit report)	
									Direc	ectional Survey? X No Yes (Submit copy)				s (Submit copy)	
23. Casing and L	iner Record (Rep	ort all string	gs set in well)			Stage	Cementer	No. o	f Sks. &		Slurry Vol.				
Hole Size	Size/Grade	Wt. (#/f	t.) Top	(MD) Bo	ottom (MD)		epth		of Cemen		(BBL)	Cement top	p*	Amount Pulled	
12 1/4" 7 7/8"	1/4" 8 5/8" J-55 24#			0	305' 7742'		n/a	175 sx				Surface		Circ	
1 116	4 1/2" J-55	11.6# & 1	0.5#	0	1142		n/a	60	00 sx	+		TOC 656			
										+			-		
24. Tubing Reco															
Size 2 3/8"	Depth Set (M 7669'	D) Pa	cker Depth (N	MD) Si	ze ]	Depth Set (N	MD) P	acker Dep	oth (MD)	-	Size	Depth Set (N	(ID)	Packer Depth (MD)	
25. Producing Int					26	. Perforati	on Record								
A)	Formation Mesaverde		Top		tom 10'		erforated Int				.34"	No. Holes		Perf. Status open	
B)	Total				3710						.01	54		Орен	
C) D)															
27. Acid, Fractur		ment Squeez	ze, etc.												
	Depth Interval 5010' - 5710'		Foam fra	ic'd w/10,200#	100 mash	293 660#		mount and				nillion SCE N	2 700		
	3010 - 3710		T Odili II d	10 0 407 10,200	r too mesi	1, 255,000#	r, 40/10 Sai	114 & 05,0	ozo gar	SIICKW	NMOCD	IIIIIOII 301 IV	12 / 0 G		
										fr.	W 20 2	019			
28. Production - Date First	Interval A Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity	10	Gas 1	ICT	Production M	ethod			
Produced	Test Date	Tested	Production	BBL	MCF	BBL	Corr. API		Gravity	191	Production M				
5/6/2019	5/6/2019	1	$\rightarrow$	0	24.58 mcf	0	N/A	4	N/A	Δ.		FLO	OWING	3	
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas/Oil	1	Well Stat	tus					
Size	Flwg.	Press.	Rate	BBL	MCF	BBL	Ratio								
7/8"	SI-0psi	SI-308psi	-	0 bopd	590 mcf/d	15 bwpd	N/A	A				PRODUCING		TO DECICIO	
28a. Production Date First	- Interval B Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity	, (	Gas		Production M		ED P	OR RECOVER	
Produced	Test Bate	Tested	Production	BBL	MCF	BBL	Corr. API		Gravity		1 Toduction IVI				
			$\rightarrow$									MAY	11	7 2019	
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas/Oil		Well Star	tus				11	
Size	Flwg. SI	Press.	Rate	BBL	MCF	BBL	Ratio					FARMING	TUN	DELD OFFICE	
	31		-											V	

Тор
Meas. Depth
1137
2512
2627
2950
3288
3481
3930
4240
5027
5107
5465
5920
6680
7424
7483

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.

1a. Type of Well

b. Type of Completion:

2. Name of Operator

At surface

3. Address

Oil Well

New Well

Other:

382 Road 3100, Aztec, NM 87410

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

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

RECEIVE

Diff Resirigitor

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Dry Deepen

RECOMPLETE

UNIT J (NW/SE), 1545' FSL & 1700' FEL

Other

3a. Phone No. (include area code)

Plug Back

(505) 599-3400

X Gas Well

Work Over

Hilcorp Energy Company

FORM APPROVED OMB No. 1004-0137 Expires: July 31, 2018 5. Lease Serial No. NMSF080505A 6. If Indian, Allottee or Tribe Name Unit or CA Agreement Name and No. San Juan 28-6 Unit 8. Lease Name and Well No. **SAN JUAN 28-6 UNIT 117** 9. API Well No. 30-039-07458 10. Field and Pool or Exploratory Blanco Mesaverde 11. Sec., T., R., M., on Block and Survey or Area Sec. 10, T28N, R06W

At top prod. I	Interval reported b	elow	Same as above							12. County or Parish				13. State
At total depth	1		Same as above							Rio Arriba				New Mexico
4. Date Spudde	ed	15. Date	te T.D. Reached 16. Date Completed 5/7/2019						17. Elevations (DF, RKB, RT, GL)*					
	14/1965		4/29/1965 D & A X Ready to Pr									6397', 0	SL	
8. Total Depth: 19. Plug Back T.D.: 7743' 7728'								20.	Depth B	ridge P	'lug Set:	MD TVD		
1. Type Electr	ic & Other Mecha	inical Logs Rur	(Submit copy	of each)				22.	. Was we	ell core	ed?	X No	Ye	s (Submit analysis)
			CBL						Was DST run?			X No	Ye	s (Submit report)
									Direct	ional S	Survey?	X No	Ye	s (Submit copy)
23. Casing and I	Liner Record (Rep	ort all strings s	set in well)								a			
Hole Size	Size/Grade	Wt. (#/ft.)	Top (MI	D) Bo	ottom (MD)	) D	Cementer epth	Туре	of Sks. & of Cement		Slurry Vol. (BBL)	Cement top	)*	Amount Pulled
12 1/4"	8 5/8" J-55	24#	0		305'	_	n/a		75 sx	_		Surface	.	Circ
7 7/8"	4 1/2" J-55	11.6# & 10.	5# 0		7742'		n/a	6	00 sx	_		TOC 656		
24. Tubing Reco	ord													
Size	Depth Set (M	D) Pack	er Depth (MD)	Si	ze	Depth Set (N	MD) F	acker De	pth (MD)		Size	Depth Set (N	(D)	Packer Depth (MD)
2 3/8"	7669'													
25. Producing In			T	T D			ion Record	1			0:	N. 11 1		D C C
Formation A) Mesaverde			Top Bottom 5010' 5710'					rated Interval		Size 0.34"		No. Holes		Perf. Status open
B) Total			3010	37	10	1 SPF, 2 runs			0.34		7.54	54 Ope		Ореп
C)														
D)														
27. Acid, Fractu	ire, Treatment, Ce Depth Interval	ment Squeeze,	etc.				Δ	mount an	nd Type of	Mater	ial			
			Foam frac'd w/10,200# 100 mesh, 293,660#, 40/70 sand & 83,620 gal slickwater & 2.97 million SCF N2 70Q.									١.		
													110	0.0
													IVIU	<u> </u>
28. Production	- Interval A											AZAN		
Date First	Test Date			Oil	Gas	Water	Oil Gravity	1	Gas		Production M	lethod	17	2019
Produced		Tested Pr	roduction	BBL	MCF	BBL	Corr. API		Gravity			DICTO	10	
5/6/2019	5/6/2019	1		0	24.58 mg	f 0	N/	A	N/A	4		DISTR	WING	
Choke	Tbg. Press.		4 Hr.	Oil	Gas	Water	Gas/Oil		Well Stat	us				
Size	Flwg.	Press. R	ate	BBL	MCF	BBL	Ratio							
7/8"	SI-0psi	SI-308psi		0 bopd	590 mcf/	d 15 bwpd	N/	A				PRODUCING		
28a. Production	The same of the sa	Try 1_		0:1	Io	True.	07.6				ACC	EPTED	FO	RECORD
Date First Produced	Test Date			Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	y	Gas Gravity		Production M	lethod		
rioduced		1 esteu	loduction	DDL	IVICI	DDL	Coll. AFT		Gravity			MAY	1 4	2019
												in Fig.	7 1	D. W. 100
Choke	Tbg. Press.		4 Hr.	Oil	Gas	Water	Gas/Oil		Well Stat	us	100 A 000	ENNIGHEN	FIE	OFFICE
Size	Flwg. SI	ate BBL MCF		MCF	BBL Ratio		0		FARMINGTON FIELD OFFICE					
	51										By:	1		>
*(See instruction	ns and spaces for	additional data	on page 2)			NMO	CD							
						NMO	LD							

that the street	- Int1 ^		<del></del>		· · ·				· · · · · · · · · · · · · · · · · · ·				
28b. Production Date First	Test Date	Hou	rs Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method	<del></del>			
Produced	1	Test		BBL	MCF	BBL	Соп. АРІ	Gravity					
		j	-	. [		1		İ					
Choke	Tbg. Press.	. Csg.	24 Hr.	Oil	Gas	Water	Gas/Oil	Well Status					
Size	-		s. Rate	BBL	MCF	BBL	Ratio	1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
	SI			.		1		İ					
28c, Production		1					_L			<del></del>			
Date First	Test Date	Hou	rs Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method	<del></del>			
Produced		Test	<b>I</b>	BBL	MCF		Corr. API	Gravity					
		1											
Choke	Tbg. Press	. Csg.	24 Hr.	Oil	Gas	Water	Gas/Oil	Well Status	l				
Size	Flwg.	Pres		BBL	MCF	BBL	Ratio	Well Status					
	sı			.									
00 mi - 111	<u> </u>									·			
29. Disposition	i oi Gas (Son	ia, usea jor ji	uel, vented, etc.)			so	old						
30. Summary o	of Porous Zon	nes (Include .	Aquifers):					31. Formati	on (Log) Markers				
Cha 11 !		6		6 Camal instan									
-	•		and contents thereo n used, time tool op				τ,						
recoveries.	pui mier rui ti	03104, 01131210	a asou, amo toor of	ou, norma u	id and an pro	,33 <b>210</b> 5 tand							
	<del></del>		<del> </del>	<del>-,</del>				<b></b> .	······································	<b>m</b>			
Formatio	on	Тор	Bottom		Descript	tions, Conte	ents etc		Name	Тор			
		r							- :====	Meas. Depth			
Nacimen	nto	1137	2512			White, cr-gr s	s		Nacimento 1137				
Ojo Alan	I	2512	2627	White, cr-gr ss				1	Ojo Alamo	2512			
Kirtland	d ]	2627	2950		Gry sh interbedded w/tight, gry, fine-gr ss. Dk gry-gry carb sh, coal, grn silts, light-med gry, tight,				Kirtland	2627			
Fruitlan	ıd	2950	3288	Dk giy-g	fine gr ss.				Fruitland	2950			
Pictured Cliffs 3288		3288	3481		Bn-Gry, fine grn, tight ss.				Pictured Cliffs	3288			
Lewis 3481		3481	3930	-	Shale w/ siltstone stingers				Lewis	3481			
Huerfanito Bentonite		3930	4240	White, waxy chalky bentonite			entonite		Huerfanito Bentonite	3930			
Chacra 4240		4240	5027	Gry	Gry fn grn silty, glauconitic sd stone w/ drk gry shale				Chacra	4240			
CliffHouse 5027		5107		Light gry, me	d-fine gr ss, c	arb sh & coal		CliffHouse	5027				
Menefe	.	5107	5465		Mad dark on	6	and ab fracel		Menefee	5107			
Point Lookout		3107	3403	Med-light g	Med-dark gry, fine gr ss, carb sh & coal  Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation				Michelec	5107			
		5465	5920	1 -					Point Lookout	5465			
Mancos		5920	6680		מ	ark gry carb s	sh.	ļ	Mancos	5920			
		££00	7424	Lt. gry to b	Lt. gry to brn calc carb micac gluac silts & very fine gry gry ss w/ irreg, interbed sh.				G-11	((0)			
Gallup		6680	7424		irreg. interbed sn.				Gallup	6680			
GreenHo	om	7424	7483		Highly c	alc gry sh w/	thin Imst.		GreenHorn	7424			
Graneros 7483					Dk gry shale,	fossil & carb	w/ pyrite incl.		Graneros	7483			
<ol><li>Additional</li></ol>	l remarks (inc	clude pluggin	g procedure):										
	,	Well is no	ow producing	as Blanco	Mesave	rde/Basi	in Dakota und	er DHC 403	33AZ / R-Order# 10696				
33. Indicate w	hich items ha	ave been attac	ched by placing a c	neck in the app	propriate box	es:	···	<del> </del>	<del></del>	_			
Electrica	al/Mechanica	l Logs (1 full	set req'd.)		Geol	logic Repor	t 🔲 I	OST Report	Directional Surve	<b>г</b> у			
Sundry 1	Notice for pla	ugging and c	ement verification		Core	Analysis		Other:					
34. I hereby co	ertify that the	foregoing a	nd attached informs	tion is comple	te and correc	t as determi	ined from all availab	le records (see a	ttached instructions)*				
Name	(please prin	u)		Etta Trujil	lo		Title	Орега	ations/Regulatory Techn	ician Sr			
Signat	ture	8	-	1	t A	<del>)</del>	Date		5/8/2019				
								-	· · · · · · · · · · · · · · · · · · ·				
			3 U.S.C. Section 1 or representations				owingly and willfull	y to make to any	department or agency of the Unite	d States any			

(Form 3160-4, page 2)