Received by OCD: 8/31/2023 10:35:42 AM

District 1

1625 N. French Dr., Hobbs, NM 88240

<u>District II</u> 811 S. First St., Artesia, NM 88210

District III 1000 Rio Brazos Rd., Aztec, NM 87410

<u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy, Minerals & Natural Resources

Oil Conservation Division 1220 South St. Francis Dr.

Submit	one conv	to appropria	ate District	Offic

☐ AMENDED REPORT

Revised August 1, 2011

**Page 1 of 12** Form C-104

Santa Fe, NM 87505

	I.	KEQU.	ESI FO	K ALL	OWABLE P	AND AUTHUK	IZATION I	O TRANSPO	KI		
<sup>1</sup> Operator	name and	Address					<sup>2</sup> OGRID Num	ber			
Hilcorp End	ergy Com	pany				372171					
382 Road 3							<sup>3</sup> Reason for Fi	ling Code/ Effectiv	ve Date		
Aztec, NM 87410								RC			
<sup>4</sup> API Numl	er	5 Pc	ol Name				<sup>6</sup> Pool Code				
30-039-25	828				Blanco Me	saverde	72319				
<sup>7</sup> Property 0	ty Code 8 Property Name 9 Well Number			,							
31	8920		San Juan 27-5 Unit						1E		
II. <sup>10</sup> Sur	face Lo	ce Location									
Ul or lot no.	Section	Township						East/West Line	County		
~			0	1			4 4 🖚 🗅				

27N 05W 1615 North 1470 East Rio Arriba

11 Bottom Hole Location UL or lot no. Section Township Range Lot Idn Feet from the North/South Line Feet from the East/West Line County Choose an item. 13 Producing Method Code F <sup>14</sup> Gas Connection Date 12 Lse Code <sup>15</sup> C-129 Permit Number <sup>16</sup> C-129 Effective Date <sup>17</sup> C-129 Expiration Date F

III Oil and Cas Transport

18 Transporter OGRID  248440  Western Refinery  373888  Harvest Four Corners, LLC	<sup>20</sup> O/G/W
248440 Western Refinery	
373888 Harvest Four Corners, LLC	О
373888 Harvest Four Corners, LLC	
	G

IV. Well Completion Data

<sup>21</sup> Spud Date 6/7/1998	<sup>22</sup> Ready Date 8/28/2023	<sup>23</sup> TD 7848'	<sup>24</sup> PBTD 7800'	<sup>25</sup> Perforations 5037'-5703'	<sup>26</sup> DHC, MC DHC-5320
<sup>27</sup> Hole Size	e <sup>28</sup> Ca	sing & Tubing Size	<sup>29</sup> Depth Se	t	<sup>30</sup> Sacks Cement
12 1/4"	9 :	5/8", 32.3#, H-40	245'		200 sx
8 3/4"		7", 20#, J-55	3564'		423 sx
6 1/4"	4	½", 10.5#, J-55	7845'		635 sx
	2	3/8", 4.7#, J-55	7660'		

V. Well Test Data

31 Date New Oil N/A	<sup>32</sup> Gas Deliver 8/28/202	•	<sup>33</sup> Test Date 8/28/2023	<sup>34</sup> Test Length 24	<sup>35</sup> Tbg. Pressure 450 psi	<sup>36</sup> Csg. Pressure 200 psi
<sup>37</sup> Choke Size 25/64"	<sup>38</sup> Oil 0 bbl		<sup>39</sup> Water 0 bbl	<sup>40</sup> Gas 195 mcf		<sup>41</sup> Test Method Flowing
been complied with a	<sup>2</sup> I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.		OIL CC	ONSERVATION DIVIS	SION	
Signature:	Cherylene	Westor	٦	Approved by: Sarah McGrat	h	
Printed name:	Cherylene	Weston		Title: Petroleum Spe	ecialist - A	
Title:	perations Regul	atory Tecl	ı Sr.	Approval Date: 09/19/2023		
E-mail Address:	cweston@hil	corp.com				
Date: 08/30/20	023 Pho	ne: <b>713-</b> 2	289-2615			



U.S. Department of the Interior BUREAU OF LAND MANAGEMENT Sundry Print Report

Well Name: SAN JUAN 27-5 UNIT Well Location: T27N / R5W / SEC 4 /

SWNE / 36.605708 / -107.359702

County or Parish/State: RIO

ARRIBA / NM

Well Number: 1E

Type of Well: CONVENTIONAL GAS

WELL

Allottee or Tribe Name:

Unit or CA Name: SAN JUAN 27-5

UNIT--DK

Unit or CA Number:

NMNM78409A

**US Well Number: 3003925828** 

Lease Number: NMSF079393

Well Status: Producing Gas Well

Operator: HILCORP ENERGY

COMPANY

# **Subsequent Report**

**Sundry ID: 2748554** 

Type of Action: Recompletion Type of Submission: Subsequent Report Date Sundry Submitted: 08/29/2023 Time Sundry Submitted: 03:12

**Date Operation Actually Began:** 07/28/2023

Actual Procedure: Hilcorp Energy recompleted the subject well in the Mesaverde formation. Please see attached

reports.

# **SR Attachments**

### **Actual Procedure**

SJ\_27\_5\_Unit\_1E\_RC\_Subsequent\_Sundry\_20230829151158.pdf

County or Parish/State: RIO Well Name: SAN JUAN 27-5 UNIT Well Location: T27N / R5W / SEC 4 / ARRIBA / NM

SWNE / 36.605708 / -107.359702

Well Number: 1E Type of Well: CONVENTIONAL GAS Allottee or Tribe Name:

Lease Number: NMSF079393 Unit or CA Name: SAN JUAN 27-5 **Unit or CA Number:** 

UNIT--DK NMNM78409A

**US Well Number:** 3003925828 Well Status: Producing Gas Well Operator: HILCORP ENERGY

COMPANY

# **Operator**

I certify that the foregoing is true and correct. 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Signed on: AUG 29, 2023 03:12 PM Operator Electronic Signature: CHERYLENE WESTON

Name: HILCORP ENERGY COMPANY Title: Operations/Regulatory Tech - Sr Street Address: 1111 TRAVIS STREET

City: HOUSTON State: TX

Phone: (713) 289-2615

Email address: CWESTON@HILCORP.COM

#### **Field**

Representative Name:

Street Address:

City: State: Zip:

Phone:

Email address:

# **BLM Point of Contact**

**BLM POC Name: MATTHEW H KADE BLM POC Title:** Petroleum Engineer

**BLM POC Phone:** 5055647736 BLM POC Email Address: MKADE@BLM.GOV

Disposition Date: 08/29/2023 Disposition: Accepted

Signature: Matthew Kade

San Juan 27-5 Unit 1E 30-039-25828 Recomplete Subsequent Sundry

7/28/2023 SITP-50 PSI. SICP-50 PSI, SIBH-0 PSI. MIRU. BDW. ND TREE. NU BOP. PT. RU FLOOR. PULL TBG HANGER. RU SCANNERS. SCAN OUT TBG. RD SCANNERS. SISW. SDFN.

7/19/2023 SICP-110 PSI, SITP-0 PSI, SIICP-0 PSI, SIBHP-0 PSI. TIH, TAG FISH@ 3484'. PULL FISH W/ 43K, FISH LET GO. ATT AGAIN, NO OVERPULL. POOH. RIH W/OS, TAG FISH@ 3515'. MIRU DOWNHOLE EXPERTS. RIH W/SL, STACKED OUT SAME SPOT @ 4040'. RDMO SL. TBG REL'D. POOH 10 JTS FISH. TIH W/OS, ENGAGE FISH @ 3,826'. PULLED TO 46K, RECOVERED 17 JTS. RIH W/OS, LATCH FISH @ 4,354. PULLED 57K, NO SUCCESS. PUMP 20 BBLS DOWN CSG. NO MOVEMENT. SISW. SDFN.

7/20/2023 CONT TO WORK PIPE. MIRU JET WEST. RIH FREEPOINT TO 4,890'. POOH. RIH W/1-11/16" LOW PSI JET CUTTER. STACKED OUT @ 4,540'. POOH. RIH W/JET CUTTER, CUT TBG @ 7,560'. RD WL. TBG CAME FREE. LD 103 JTS. SDFN.

7/21/2023 PJSM. SICP-0 PSI, SITP-0 PSI, SIBHP-0 PSI. PU DC'S. TIH, TAG FISH. PU PWR SWVL, BREAK CIRC. MILL 2'. TOOH. PU JARS, TIH 72 STDS. SDFN.

7/24/2023 PJSM. SICP-370 PSI, SITP-370 PSI, SIICP-0 PSI, SIBHP-0 PSI. TIH 45 STDS. LATCH/JAR FISH @ 7,562'. PUMP 15 BBL KILL. CONT JARRING @ 60K. FISH FREE. TOOH W/FISH. TIH MILL TO 7,584'. POOH 80 STDS TO 2,500'. SISW.

7/25/2023 SICP-70 PSI, SITP-0 PSI, SIICP-0 PSI, SIBHP-0 PSI. PJSM. TOOH. TIH, SET 4-1/2" CIBP @ 7,525'. PUMP 90 BBLS, BREAK CIRC. PUMP 30 BBLS, CO RETURNS. SI BACKSIDE & PT CSG 600 PSI X 15 MIN, GOOD TEST. BD. TOOH. SISW. SDFN.

7/26/2023 SICP-0 PSI, SITP-0 PSI, SIICP-0 PSI, SIBHP-0 PSI. PJSM. MIRU WELLCHECK. MIT CSG TO 550 PSI X 30 MIN, GOOD TEST. WITNESSED BY NMOCD REP, JOHN DURHAM. MIRU BASIN WL. RIH, SET 4-1/2" CBP @ 5,803'. INSTALL 4-1/2" SUB. NU 5K TBG HEAD. MIRU WELLCHECK. PT CSG 4,000 PSI. AT 4,000 PSI, PSI INSTANTLY DROPPED TO 0. CSG ON VACUUM. ND TEST FLANGE. RDMO WELLCHECK. NU BOP. SDFN.

7/27/2023 SICP-0 PSI, SITP-0 PSI, SIICP-0 PSI, SIBHP-0 PSI. PJSM. RIH, SET 4-1/2" PKR @ 2,836'. TEST BACKSIDE, GOOD. SET PKR. TEST TBG/BACKSIDE 3,159', 3,541', 4,420', 5,052', 5,370', 5,495', 5,432'. POOH. RD FLOOR. ND BOP. NU WH. RDRR.

8/10/2023 ND TREE, NU FRAC STACK. TEST TO 4,000 PSI FOR 15 MIN.

8/21/2023 RU BASIN WL. PERF STAGE 1, PT LOOKOUT/LWR MENEFEE W/0.33", 1 SPF @ 5245, 5267, 5281, 5305, 5323, 5339, 5345, 5449, 5501, 5509, 5522, 5529, 5551, 5565, 5582, 5595, 5608, 5616, 5647, 5663, 5676, 5692, 5703' (23 HOLES). RU FRAC CREW. FRAC STAGE 1: BDW W/WATER & 500 GAL 15% HCL. FOAM FRAC PT LOOKOUT/LWR MENEFEE W/125,155# SAND, 45,948 GAL SLICKWATER & 1.53M SCF N2 70Q. SET FRAC PLUG @ 5,210'. PERF STAGE 2, CLIFFHOUSE/UPR MENEFEE W/0.33", 1 SPF @ 5037, 5045, 5051, 5058, 5067, 5071, 5078, 5081, 5095, 5103, 5113, 5127, 5135, 5143, 5157, 5166, 5174, 5183, 5189, 5199' (20 HOLES). POOH. FRAC STAGE 2: BDW W/WATER & 500 GAL 15% HCL. FOAM FRAC CLIFFHOUSE/UPR MENEFEE W/125,180# SAND, 42,714 GAL SLICKWATER & 1.46M SCF N2 70Q. RIH, SET CBP @ 4,820'. BLED OFF, PLUG HELD. RD. TOTAL FRAC LOAD = 2135 BBLS (INCL 24 BBLS ACID). TOTAL SAND = 250,335 LBS. TOTAL N2 = 2.99M SCF.

8/22/2023 MIRU. LAY FLOW LINES. BH-0 PSI, INT-0 PSI, CSG-0 PSI. INSTALL HANGER & 2-WAY CHK. ND FRAC VALVE. NU BOP. RU FLOOR. RU WELLCHECK. PT BOP 250 PSI LOW & 2,500 PSI HIGH, GOOD TEST. TIH TO 3,000'. UNLOAD WELL. PU TO 4,000'. SISW. SDFN.

8/23/2023 PJSM. BH-0 PSI, INT-0 PSI, CSG-0 PSI, TBG-0 PSI. PU TBG TO PLUG @ 4,820'. RU POWER SWVL, EST CIRC W/AIR & MIST. DO CBP. PU SWVL. ATT TO EST CIRC, TBG PLUGGED. BYPASS AIR, HANG SWIVEL. TOOH. ATT TO CLEAR W/AIR. KILL TBG. TOOH. KILL WELL W/30 BBLS. PULL MILL, CHG OUT FLOATS. START BACK IN HOLE TO 4,800'. SISW. SDFN.

8/24/2023 PJSM. BH-0 PSI, INT-0 PSI, CSG-1,100 PSI, TBG-880 PSI. BDW. TIH TO PLUG @ 5,210'. RU POWER SWVL, EST CIRC W/AIR & MIST. DO CBP. TAG 78' FILL ABOVE PLUG @ 5,803'. CO FILL 5,725' TO CBP @ 5,803'. DO FRAC PLUG @ 5,803'. CIRC CLEAN. WAIT FOR STORM TO PASS. TIH TO CIBP @ 7,525'. UNLOAD WELL. TOOH TO ABOVE PERFS. SISW. SDFN.

8/25/2023 RIG ON STAND-BY W/O DHC APPROVAL.

San Juan 27-5 Unit 1E 30-039-25828 Recomplete Subsequent Sundry

8/26/2023 BH-0 PSI, INT-0 PSI, CSG-800 PSI, TBG-650 PSI. BDW. PJSM. TIH TO CIBP @ 7,525'. RU POWER SWVL. EST CIRC WITH AIR/MIST. DO CIBP @ 7,525'. TAG @ 7,763'. WORK DOWN TO 7,780'. CIRC CLEAN, HANG SWVL. TOOH. LD MILL. TIH TO 3,500'. SISW. SDFN.

8/27/2023 PJSM. BH-0 PSI, INT-0 PSI, CSG-600 PSI, TBG-650 PSI. BDW. DRIFT TBG, FINISH TIH. TAGGED 20' FILL. PU SWVL. EST CIRC WITH AIR/MIST. CO FILL. LD SWIVEL. LAND 243 JTS 2-3/8", 4.7# J-55 TBG @ 7660' (SN @ 7658'). RD FLOOR. ND BOP, NU WH. DROP BALL. PT TBG, GOOD. PUMP OFF EXP CHECK. UNLOAD WELL. RDRR.

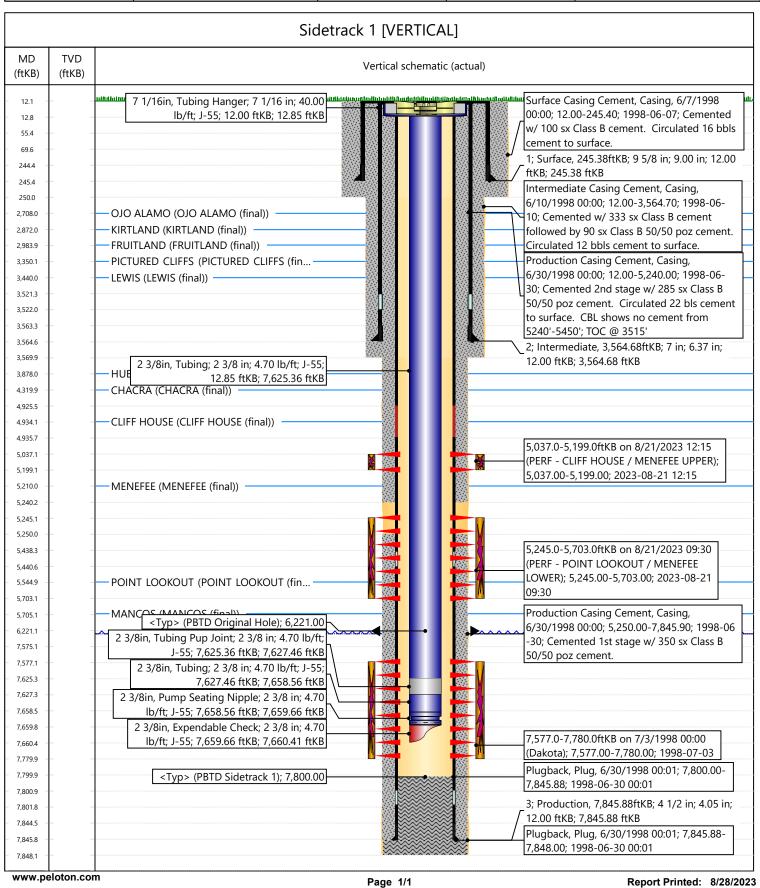
THE WELL IS PRODUCING AS A MV/DK COMMINGLE ON GAS ALLOWABLE WAITING ON PRC C-104 APPROVAL.

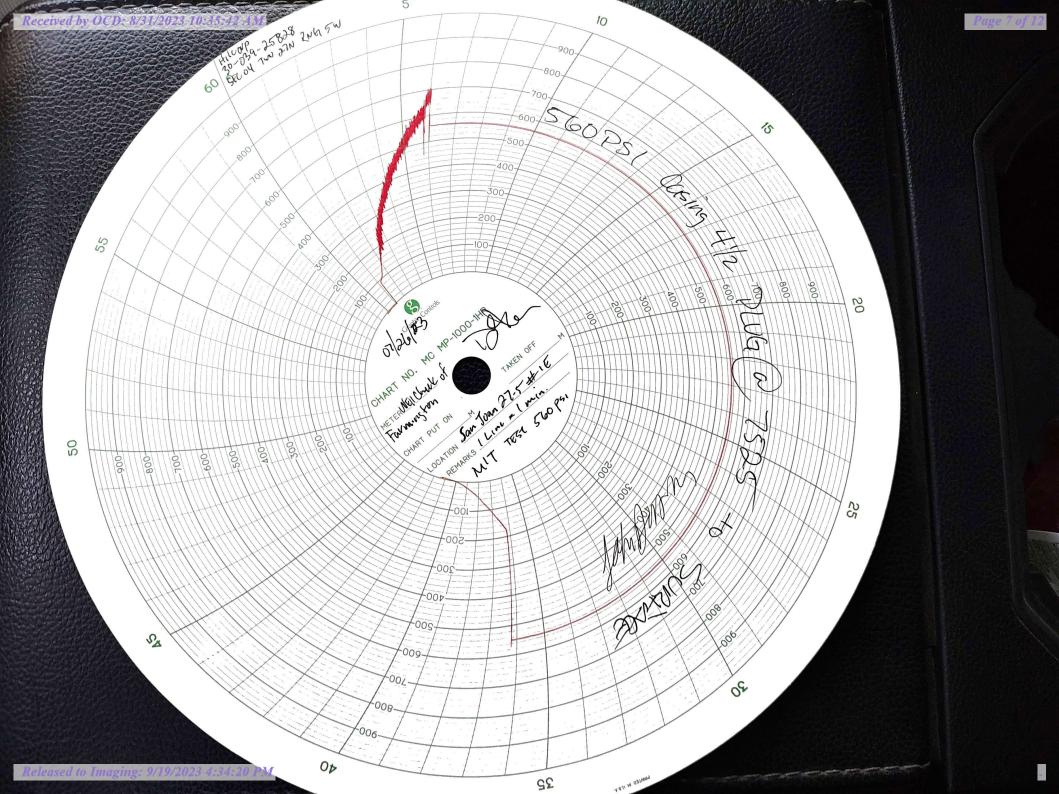


# **Current Schematic - Version 3**

# Well Name: SAN JUAN 27-5 UNIT #1E

	Surface Legal Location 004-027N-005W-G	Field Name BASIN DAKOTA			State/Province		Well Configuration Type VERTICAL
Ground Elevation (ft) 6,526.00	Original KB/RT Elevation (ft) 6,538.00		RKB to GL (ft) 12.00	KB-Casing Flange Dis	tance (ft)	KB-Tubing Hanger	Distance (ft)





# **Cheryl Weston**

From: blm-afmss-notifications@blm.gov Sent: Tuesday, August 29, 2023 4:59 PM

To: Cheryl Weston

Subject: [EXTERNAL] Well Name: SAN JUAN 27-5 UNIT, Well Number: 1E, Notification of Well

**Completion Acceptance** 

CAUTION: External sender. DO NOT open links or attachments from UNKNOWN senders.

# The Bureau of Land Management

# **Notice of Acceptance for Well Completion Report**

Operator Name: HILCORP ENERGY COMPANY

Well Name: SAN JUAN 27-5 UNIT

Well Number: 1E

US Well Number: 3003925828

Well Completion Report Id: WCR2023082989164

This notification is automatically generated. Please do not reply to this message as this account is not monitored.

# UNITED STATES DEPARTMENT OF THE INTERIOR BURGALLOG LAND MANAGEMENT

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

			BUREAU (	OF LAND	MANA	GEMEN	lТ					Expires: July	31, 20	018
	WE	LL COM	PLETION O	R RECOM	/IPLETIC	ON REPO	ORT ANI	) LO	G	5. Lea	se Serial No.	NMSF07	'030'	3
1a. Type of Wel	1	Oil Well	X Gas W	ell	Dry	Othe	er			6. If Ir	idian, Allottee		303.	
b. Type of Con	<u> </u>	New Well	Work (		Deepen			Diff.	Resvr.,					
	_	Other:		RECO	MPLETE	_				7. Un	it or CA Agree	ement Name a San Juan 2		
2. Name of Oper	rator									8. Lea	se Name and W			
3. Address		l	Hilcorp Ene			No. (includ	a area code	)		0 A DI	Well No.	n Juan 27	-5 Uı	nit 1E
5. Address	382 Rd 3100	, Aztec N	M 87410		sa. Phone		e area coae <sub>.</sub> ) <b>333-170</b>			9. Ari	well No.	30-039-2	582	8
4. Location of W	Vell (Report locat	ion clearly a	nd in accordance	with Federa	ıl requirem	ents)*				10. Fie	eld and Pool or	Exploratory Blanco Mes	save	erde
At surface	Unit G (SWN	IE), 1615'	FNL & 1470'	FEL						11. Se	ec., T., R., M.,			
											Survey or Are	ո Sec. 4, T27	N. R	5W
At top prod. I	Interval reported l	oelow			Same a	s above				12. C	ounty or Parish	.,	,	13. State
At total depth	1			Same as	s above	1					Rio A	rriba		New Mexico
14. Date Spudde	ed 7/1998	15. I	Date T.D. Reache <b>6/29/19</b>			e Completed D & A	d 8/28 X Read	/2023	rod	17. E	evations (DF, I	RKB, RT, GL)* <b>6,52</b> 0		
18. Total Depth:		7,848'		Plug Back T.l		7,80			20. Depth	Bridge	Plug Set:	MD		
		,				,						TVD	_	
21. Type Electr	ic & Other Mecha	anical Logs I	Run (Submit cop	y of each)					22. Was v			X No		es (Submit analysis)
										DST ru		X No	=	es (Submit report)
22 Casing and I	Liner Record (Rep	ant all strin	as set in well)						Direc	ctional	Survey?	X No	Y	es (Submit copy)
Hole Size	Size/Grade	Wt. (#/1		ID) Bo	ottom (MD)	Stage	Cementer	N	lo. of Sks. &	:	Slurry Vol.	Cement to	n*	Amount Pulled
12 1/4"	9 5/8" H-40	32.3		ID) B0	245'	L	Depth n/a	Ту	pe of Cemer	nt	(BBL)	Cement to	Р	Amount I uned
8 3/4"	7" J-55	20#			3,564'		n/a		423 sx	-+				
6 1/4"	4 1/2" J-55	10.5	# 0		7,845'		n/a		635 sx					
						_								
24. Tubing Reco	Depth Set (N	ID) De	ncker Depth (MD	) Si:	70	Depth Set (1	MD) I	Dookor	Depth (MD	<u>,                                    </u>	Size	Depth Set (N	(ID)	Packer Depth (MD)
2 3/8"	7,660'	ID) Fa	ickei Deptii (MD	) 31.	ze	Deptii Set (1	VID) I	ackei	Deptii (MD	,	Size	Deptil Set (F	VID)	r acker Deptii (MD)
25. Producing In	tervals Formation		Т	D-44		6. Perforat		1			c:	No. Holes		Danif Chatana
A) Cliffho	ouse /Upper N	lenefee	Top <b>5,037'</b>	5,1		Р	erforated In				Size .33"	20		Perf. Status <b>open</b>
B) Point Lo	okout/Lower		5,245'	5,7	03'		1 SPF				.33"	23		open
C) D)														
	TOTAL											43		
27. Acid, Fractu	re, Treatment, Ce Depth Interval	ment Squeez	ze, etc.				Α.	mount	and Type o	f Mata	riol .			
	5037-5199		Broke well w	/ H20 & 500	) gal 15%	HCL. Foar					ter, 125,180#	20/40 sand, 1	1.46M	SCF N2.
	5245-5703		Broke well w	// H2O & 50	0 gal 15%	HCL. Foa	m Frac w/	15,948	3 gal 70 Q	slick w	ater, 125,155	# 20/40 sand,	1.53	M SCF N2
	-													
28. Production -		1		T		•	1				•			
Date First Produced	Test Date	Hours Tested	Test Production		Gas MCF	Water BBL	Oil Gravity Corr. API	,	Gas Gravity		Production M		win	a
		rested	roduction	DDL	1,101	DDL	Con. 7 ii 1		Gravity				, ,	9
8/28/2023 Choke	8/28/2023 Tbg. Press.	Csg.	24 Hr.	0 Oil	195 mcf Gas	0 bbls Water	n/a Gas/Oil	ì	n/ Well Sta					
Size	Flwg.		Rate		MCF	BBL	Ratio		wen sta	ius				
25/44	450		<b></b>		40.5									
25/64" 28a. Production	450 psi - Interval B	200 psi	<u> </u>	0	195 mcf/d	0 bwpd	n/a	ı				Producing		
Date First	Test Date	Hours	Test		Gas	Water	Oil Gravity	,	Gas		Production M	ethod		
Produced		Tested	Production	BBL	MCF	BBL	Corr. API		Gravity					
							<u>L</u>							
Choke	Tbg. Press.	Csg.	24 Hr.		Gas	Water	Gas/Oil		Well Sta	tus				
Size	Flwg. SI	Press.	Rate	BBL	MCF	BBL	Ratio							

<sup>\*(</sup>See instructions and spaces for additional data on page 2)

	val C							T	
Date First Test I			Oil	Gas	Water	Oil Gravity	Gas	Production Method	
roduced	Teste	d Production	BBL	MCF	BBL	Corr. API	Gravity		
hoke Tbg. I	Press. Csg.	24 Hr.	Oil	Gas	Water	Gas/Oil	Well Status		
ze Flwg.	Press	. Rate	BBL	MCF	BBL	Ratio			
SI		$\rightarrow$							
c. Production - Inter						_	1	_	
ate First Test I			Oil	Gas	Water	Oil Gravity	Gas	Production Method	
oduced	Teste	d Production	BBL	MCF	BBL	Corr. API	Gravity		
hoke Tbg. I ize Flwg.	Press. Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		
SI	11055	Kate	BBL	WICI	BBL	Kauo			
) Discovition of Con	(C 1: 1 1 C C								
9. Disposition of Gas	(Solid, used for fu	el, vented, etc.)			Sc	old			
). Summary of Porou	Zones (Include A	quifers):					31. Formatio	on (Log) Markers	
,	,	- /						. 0,	
Show all important a	af	d contents thereof:	Cored interv	als and all d	lrill-stem test	t,			
Show an important z	ones or porosity ar	d contents thereor.		4	essures and				
including depth inter			n, flowing and	a snut-in pre					
-			n, flowing and	a snut-in pre					
including depth inter			n, flowing and	a snut-in pre					
including depth inter recoveries.	val tested, cushion		n, flowing and						Тор
including depth inter			n, flowing and		tions, Conte	nts, etc.		Name	Top Meas. Depth
including depth inter recoveries.	val tested, cushion	used, time tool ope	n, flowing and	Descrip				Name  Ojo Alamo	•
including depth inter recoveries.	val tested, cushion	used, time tool ope		Descrip	tions, Conte				Meas. Depth
including depth inter recoveries.  Formation  Ojo Alamo	Top	Bottom	C	Descrip V Gry sh interbed	tions, Conte	:		Ojo Alamo	Meas. Depth  2,708'
including depth inter recoveries.  Formation  Ojo Alamo  Kirtland	Top 2,708' 2,872'	Bottom 2,872' 2,984'	C	Descrip	tions, Conte	gry, fine-gr ss. med gry, tight, fine gr ss.		Ojo Alamo Kirtland	Meas. Depth 2,708' 2,872'
including depth interrecoveries.  Formation  Ojo Alamo Kirtland  Fruitland	Top 2,708' 2,872' 2,984'	Bottom 2,872' 2,984' 3,350'	C	Descrip	tions, Conte	gry, fine-gr ss. med gry, tight, fine gr ss.		Ojo Alamo Kirtland Fruitland	Meas. Depth 2,708' 2,872' 2,984'
Formation  Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis	Top 2,708' 2,872' 2,984' 3,350'	Bottom  2,872' 2,984' 3,350' 0	C	Descrip  Gry sh interbectarb sh, coal, p  Bn-Gr  Shale	white, cr-gr ss dded w/tight, g grn silts, light- ry, fine grn, tig	gry, fine-gr ss. med gry, tight, fine gr ss. tht ss.	H	Ojo Alamo Kirtland Fruitland Pictured Cliffs	Meas. Depth 2,708' 2,872' 2,984' 3,350'
Formation  Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis	Top  2,708' 2,872' 2,984' 3,350'	Bottom  2,872' 2,984' 3,350' 0 0 4,320'	O Dk gry-gry c	Descrip  Gry sh interbectarb sh, coal, g  Bn-Gr  Shale  White, v	white, cr-gr ss dded w/tight, g grn silts, light- ry, fine grn, tig w/ siltstone st waxy chalky be	gry, fine-gr ss. med gry, tight, fine gr ss. tht ss. ingers entonite	Hi	Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis	Meas. Depth  2,708' 2,872' 2,984' 3,350' 0,000' 0,000'
Formation  Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis uerfanito Bentonit	Top 2,708' 2,872' 2,984' 3,350'	Bottom  2,872' 2,984' 3,350' 0	Obk gry-gry c	Descrip Gry sh interbect earb sh, coal, g Bn-Gr Shale White, v grn silty, glau	white, cr-gr ss dded w/tight, g grn silts, light- ry, fine grn, tig w/ siltstone st waxy chalky be	gry, fine-gr ss. med gry, tight, fine gr ss. tht ss. ingers entonite ne w/ drk gry shale	H	Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis uerfanito Bentonite	Meas. Depth 2,708' 2,872' 2,984' 3,350' 0,000'
Formation  Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis uerfanito Bentonit Chacra	Top  2,708' 2,872' 2,984' 3,350'	Bottom  2,872' 2,984' 3,350' 0 0 4,320' 4,934'	Ok gry-gry c	Descrip  Gry sh interbectarb sh, coal, g  Bn-Gr  Shale  White, v  grn silty, glat  Light gry, me	white, cr-gr ss dded w/tight, g grn silts, light- ry, fine grn, tig w/ siltstone sti waxy chalky be uconitic sd sto	gry, fine-gr ss. med gry, tight, fine gr ss. tht ss. ingers entonite ne w/ drk gry shale arb sh & coal	Н	Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis uerfanito Bentonite Chacra	Meas. Depth  2,708' 2,872' 2,984' 3,350' 0,000' 0,000' 4,320'
Formation  Ojo Alamo Kirtland  Fruitland Pictured Cliffs Lewis Juerfanito Bentonit  Chacra Cliff House Menefee	Top  2,708' 2,872' 2,984' 3,350'  4,320' 4,934' 5,210'	Bottom  2,872' 2,984' 3,350' 0 4,320' 4,934' 5,210' 5,545'	Obk gry-gry c	Descrip  Gry sh interbectors sh, coal, good should be sh	white, cr-gr ss dded w/tight, g grn silts, light- ry, fine grn, tig w/ siltstone st waxy chalky be ucconitic sd sto sd-fine gr ss, c; y, fine gr ss, c; r ss w/ frequer	gry, fine-gr ss. med gry, tight, fine gr ss. tht ss. ingers entonite ne w/ drk gry shale arb sh & coal	H	Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis uerfanito Bentonite Chacra Cliff House Menefee	Meas. Depth  2,708' 2,872' 2,984' 3,350' 0,000' 0,000' 4,320' 4,934' 5,210'
Formation  Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis Juerfanito Bentonit Chacra Cliff House	Top  2,708' 2,872' 2,984' 3,350' 4,320' 4,934'	Bottom  2,872' 2,984' 3,350' 0 4,320' 4,934' 5,210' 5,545' 5,705'	Obk gry-gry c	Descrip  Gry sh interbectarb sh, coal, g Bn-Gr Shale White, v grn silty, glat Light gry, me Med-dark gry y, very fine g	white, cr-gr ss dded w/tight, g grn silts, light- ry, fine grn, tig w/ siltstone st waxy chalky be ucconitic sd sto ed-fine gr ss, ca y, fine gr ss, ca r ss w/ frequer of formation	gry, fine-gr ss. med gry, tight, fine gr ss. tht ss. ingers entonite ne w/ drk gry shale arb sh & coal urb sh & coal nt sh breaks in lower part	Н	Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis uerfanito Bentonite Chacra Cliff House	Meas. Depth  2,708' 2,872' 2,984' 3,350' 0,000' 0,000' 4,320' 4,934' 5,210' 5,545'
Formation  Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis uerfanito Bentonit Chacra Cliff House Menefee  Point Lookout Mancos	Top  2,708' 2,872' 2,984' 3,350'  4,320' 4,934' 5,210' 5,545'	Bottom  2,872' 2,984' 3,350' 0 4,320' 4,934' 5,210' 5,545'	Ok gry-gry c Gry fn Med-light gr	Descripe Gry sh interbected sarb sh, coal, g Bn-Gr Shale White, v grn silty, glat Light gry, me Med-dark gry y, very fine g	white, cr-gr ss dded w/tight, g grn silts, light- ry, fine grn, tig w/ siltstone st waxy chalky be ucconitic sd sto ed-fine gr ss, ca y, fine gr ss, ca r ss w/ frequer of formation ark gry carb sl	gry, fine-gr ss. med gry, tight, fine gr ss. tht ss. ingers entonite ne w/ drk gry shale arb sh & coal urb sh & coal nt sh breaks in lower part		Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis uerfanito Bentonite Chacra Cliff House Menefee	Meas. Depth  2,708' 2,872' 2,984' 3,350' 0,000' 0,000' 4,320' 4,934' 5,210'
Formation  Ojo Alamo Kirtland  Fruitland Pictured Cliffs Lewis duerfanito Bentonit  Chacra Cliff House Menefee  Point Lookout Mancos Gallup	Top  2,708' 2,872' 2,984' 3,350'  4,320' 4,934' 5,210' 5,545' 5,705' 6,716'	Bottom  2,872' 2,984' 3,350' 0 4,320' 4,934' 5,210' 5,545' 5,705' 6,716' 7,476'	Ok gry-gry c Gry fn Med-light gr	Descrip  Gry sh interbectarb sh, coal, g Bn-Gr Shale White, v grn silty, glat Light gry, me Med-dark gry ry, very fine g n cale carb mi irr	white, cr-gr ss dded w/tight, s grn silts, light- ry, fine grn, tig w/ siltstone st waxy chalky be uconitic sd sto vd-fine gr ss, ca y, fine gr ss, ca r ss w/ freque of formation ark gry carb sl icac gluac silts reg, interbed sl	gry, fine-gr ss. med gry, tight, fine gr ss. tht ss. ingers entonite ne w/ drk gry shale arb sh & coal arb sh & coal at sh breaks in lower part h. & very fine gry gry ss w/h.		Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis uerfanito Bentonite  Chacra Cliff House Menefee  Point Lookout Mancos  Gallup	Meas. Depth  2,708' 2,872' 2,984' 3,350' 0,000' 0,000' 4,320' 4,934' 5,210' 5,545' 5,705' 6,716'
Formation  Ojo Alamo Kirtland  Fruitland Pictured Cliffs Lewis uerfanito Bentonit  Chacra Cliff House Menefee  Point Lookout Mancos  Gallup Greenhorn	Top  2,708' 2,872' 2,984' 3,350'  4,320' 4,934' 5,210' 5,545' 5,705' 6,716' 7,476'	Bottom  2,872' 2,984' 3,350' 0 4,320' 4,934' 5,210' 5,545' 5,705' 6,716' 7,476' 7,538'	Obk gry-gry cool of Gry fn  Med-light gr  Lt. gry to bri	Descrip  Gry sh interbectarb sh, coal, g Bn-Gr Shale White, v grn silty, glat Light gry, me Med-dark gry ry, very fine g n cale carb mi irr Highly ca	white, cr-gr ss dded w/tight, s grn silts, light- ry, fine grn, tig w/ siltstone st waxy chalky be uconitic sd sto vd-fine gr ss, ca y, fine gr ss, ca r ss w/ freque of formation ark gry carb sl icac gluac silts reg, interbed sl alc gry sh w/ ti	gry, fine-gr ss. med gry, tight, fine gr ss. tht ss. ingers entonite  ne w/ drk gry shale arb sh & coal that sh breaks in lower part h. & very fine gry gry ss w/h. hin Imst.		Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis uerfanito Bentonite  Chacra Cliff House Menefee  Point Lookout Mancos  Gallup Greenhorn	Meas. Depth  2,708' 2,872' 2,984' 3,350' 0,000' 0,000' 4,320' 4,934' 5,210' 5,545' 5,705' 6,716' 7,476'
Formation  Ojo Alamo Kirtland  Fruitland Pictured Cliffs Lewis Juerfanito Bentonit  Chacra Cliff House Menefee  Point Lookout Mancos Gallup	Top  2,708' 2,872' 2,984' 3,350'  4,320' 4,934' 5,210' 5,545' 5,705' 6,716'	Bottom  2,872' 2,984' 3,350' 0 4,320' 4,934' 5,210' 5,545' 5,705' 6,716' 7,476'	Obk gry-gry of Gry fn  Gry fn  Med-light gr  Lt. gry to bri	Descripe  Gry sh interbectarb sh, coal, a Bn-Gr Shale White, w grn silty, glat Light gry, me Med-dark gry y, very fine g Dan calc carb mi irr Highly ca	white, cr-gr ss dded w/tight, g grn silts, light- ry, fine grn, tig w/ siltstone st waxy chalky be uconitic sd sto ed-fine gr ss, ca y, fine gr ss, ca r ss w/ frequer of formation ark gry carb sl icac gluac silts reg. interbed sl alc gry sh w/ ti fossil & carb v fossil & carb v	gry, fine-gr ss. med gry, tight, fine gr ss. tht ss. ingers entonite  ne w/ drk gry shale arb sh & coal that sh breaks in lower part h. & very fine gry gry ss w/h. hin Imst.		Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis uerfanito Bentonite  Chacra Cliff House Menefee  Point Lookout Mancos  Gallup	Meas. Depth  2,708' 2,872' 2,984' 3,350' 0,000' 0,000' 4,320' 4,934' 5,210' 5,545' 5,705' 6,716'
Formation  Ojo Alamo Kirtland  Fruitland Pictured Cliffs Lewis Juerfanito Bentonit  Chacra Cliff House Menefee  Point Lookout Mancos  Gallup Greenhorn	Top  2,708' 2,872' 2,984' 3,350'  4,320' 4,934' 5,210' 5,545' 5,705' 6,716' 7,476'	Bottom  2,872' 2,984' 3,350' 0 4,320' 4,934' 5,210' 5,545' 5,705' 6,716' 7,476' 7,538'	Gry fn  Gry fn  Med-light gr  Lt. gry to br	Descript  Gry sh interbect earb sh, coal, y Bn-Gr Shale White, v grn silty, glat Light gry, me Med-dark gry y, very fine g Dan calc carb mi irr Highly cz Dk gry shale, gry foss carb bands	white, cr-gr ss dded w/tight, g grn silts, light- ry, fine grn, tig w/ siltstone st waxy chalky be uconitic sd sto d-fine gr ss, ca y, fine gr ss, ca r fse w/ frequer of formation ark gry carb sl icac gluac silts reg, interbed sl alc gry sh w/ ti fossil & carb v sl calc sl sitty i cly Y shale be	gry, fine-gr ss.  med gry, tight, fine gr ss. tht ss. tht ss. tingers entonite  ne w/ drk gry shale arb sh & coal trb sh & coal at sh breaks in lower part th. & very fine gry gry ss w/ th. thin Imst. w/ pyrite incl. ss w/ pyrite incl thin sh		Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis uerfanito Bentonite  Chacra Cliff House Menefee  Point Lookout Mancos  Gallup Greenhorn	Meas. Depth  2,708' 2,872' 2,984' 3,350' 0,000' 0,000' 4,320' 4,934' 5,210' 5,545' 5,705' 6,716' 7,476'

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		OST Report	Directional Survey	
Sundry Notice for plugging at	nd cement verification	Core Analysis		Other:		
34. I hereby certify that the foregoin	ng and attached information is con	mplete and correct as determined	from all availabl	e records (see attac	ched instructions)*	
Name (please print)	Cherylene	Weston	Title	Operat	tions/Regulatory Technician	_
Signature	Cherylene W	'eston	Date		8/30/2023	_

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.

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(Form

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division** 1220 S. St Francis Dr. **Santa Fe, NM 87505** 

ACKNOWLEDGMENTS

Action 260715

# **ACKNOWLEDGMENTS**

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	260715
	Action Type:
	[C-104] Completion Packet (C-104C)

#### **ACKNOWLEDGMENTS**

V	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
V	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

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**State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division** 1220 S. St Francis Dr. **Santa Fe, NM 87505** 

CONDITIONS

Action 260715

# **CONDITIONS**

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	260715
	Action Type:
	[C-104] Completion Packet (C-104C)

#### CONDITIONS

Created B	y Condition	Condition Date
smcgra	th None	9/19/2023