<u>District 1</u> 1625 N. French Di <u>District II</u> 811 S. First St., An <u>District III</u> 1000 Rio Brazos F <u>District IV</u> 1220 S. St. Francis	r., Hobbs, rtesia, NM Rd., Aztec	NM 8824 1 88210 , NM 874	40 410	Eı	nergy, N Oil 122	State of New Ainerals & N Conservatic 20 South St. I Santa Fe, NN	Vatural Reson Division Francis Dr.			e copy to	approp	Page 1 of Form C-104 evised August 1, 2011 riate District Office IENDED REPORT
	I.	REQ	QUE	ST FO	R ALL	OWABLE A	AND AUT	HOR	IZATION TO	O TRA	NSPO	RT
¹ Operator 1 Hilcorp Ene 382 Road 31 Aztec, NM 8	rgy Con 100		ess						² OGRID Num ³ Reason for Fil	37 ling Code	/2171 / Effecti RC	ve Date
⁴ API Numb 30-039-20			⁵ Poo	l Name		Basin M	ancos			⁶ Pool		97232
⁷ Property Code ⁸ Propert 318920			perty Na	me	San Juan 2	7-5 Unit			⁹ Well	Number	170	
	face Lo Section 34		ship	Range 05W	Lot Idn	Feet from the 1840	North/South South		Feet from the 825	East/We We		County Rio Arriba
¹¹ Bot	tom Ho	le Loc	eation									
	Section			Range	Lot Idn	Feet from the	North/Sout	h Line	Feet from the	East/We	st Line	County Choose an item.
¹² Lse Code F		lcing Meth Code F	hod	¹⁴ Gas Co Da	onnection ite	¹⁵ C-129 Pern	nit Number	¹⁶ C-	-129 Effective Da	ite ¹	⁷ C-129	Expiration Date
III. Oil aı	nd Gas	Trans	porte	ers								
	¹⁸ Transporter			- ~	¹⁹ Transporter Name and Address						²⁰ O/G/W	
248440				Western Refinery						0		
373888	Harvest Four Corne				Corners, LLC					G		

IV. Well Completion Data

²¹ Spud Date 08/04/1973	²² Ready Date 10/08/2023	²³ TD 7,690'	²⁴ PBTD 7,681'	²⁵ Perforations 6,744' – 6,970'	²⁶ DHC, MC DHC-5326	
²⁷ Hole Size	²⁸ Casing	& Tubing Size	²⁹ Depth S	et	³⁰ Sacks Cement	
13-3/4"	13-3/4" 9 5/8" H-40, 32.3# 8-3/4" 7" KS, 20# 6-1/4" 4 1/2" KS, 11.6# & 10.5#		227'		225 cf	
8-3/4"			3,519'		191 cf	
6-1/4"			6-1/4" 4 1/2" KS, 11.6# & 10.5#		7,690'	
	2 3/8'	' J-55, 4.7#	7,521'			

V. Well Test I	Data							
³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure			
N/A	10/08/2023 10/08/2023		24 hrs	548 psi	625 psi			
³⁷ Choke Size	Choke Size ³⁸ Oil ³⁹ Water		⁴⁰ Gas		⁴¹ Test Method			
20/64"	0 bbl	0 bbl	95 mcf					
	at the rules of the Oil Conser		OIL CO	ONSERVATION DIVIS	SION			
•	and that the information give							
•	of my knowledge and belief	•						
Signature:			Approved by: Sarah McGrath					
	Cherylene Weston							
Printed name:			Title: Petroleum Sr	pecialist - A				
	Cherylene Weston		1					
Title:			Approval Date: 10/24/2023					
(Operations Regulatory Tech	Sr.	10/2 0/2020	-				
E-mail Address:								
	cweston@hilcorp.com							
Date:	Phone:							
10/12/202	3 71	3-289-2615						

eived by OCD District I 1625 N. French D District II 811 S. First St., A District III 1000 Rio Brazos I District IV 1220 S. St. Franci	r., Hobbs, M rtesia, NM Rd., Aztec,	NM 8824 88210 NM 874	40 410	Eı	nergy, N Oil 122	State of New Minerals & N Conservatio 20 South St. 1 Santa Fe, NN	Vatural Reson Division Francis Dr.			e copy to	approp	Page 2 oj Form C-104 evised August 1, 2011 riate District Office IENDED REPORT
	I.	REQ)UE	ST FO		,		HOR	IZATION T	O TRA	NSPO	RT
¹ Operator I Hilcorp Ene 382 Road 31 Aztec, NM 8	ergy Com 100		SS						² OGRID Num ³ Reason for Fi	3' ling Code	72171 / Effecti RC	ve Date
⁴ API Numb 30-039-20		:	⁵ Poo	l Name		Blanco Me	esaverde			⁶ Pool		72319
⁷ Property (31892	0			perty Na	me	San Juan 2	27-5 Unit			⁹ Well	Number	170
II. ¹⁰ Sur Ul or lot no. L	Section 34	Towns 27N	ship N	Range 05W	Lot Idn	Feet from the 1840	North/Soutl South		Feet from the 825	East/Wo Wo		County Rio Arriba
¹¹ Bot UL or lot no.	tom Hol Section			Range	Lot Idn	Feet from the	North/Sout	h Line	Feet from the	East/We	est Line	County Choose an item.
¹² Lse Code F		cing Meth Code F	ıod	¹⁴ Gas Co Da	onnection ate	on ¹⁵ C-129 Permit Number ¹⁶ C-129 Effective Dat			te	¹⁷ C-129	Expiration Date	
III. Oil a	nd Gas'	Trans	porte	ers		I						
¹⁸ Transpor OGRID	-								²⁰ O/G/W			
248440	Western Refinery							0				
373888					Harvest Four C	Corners, LLC					G	

IV. Well Completion Data

²¹ Spud Date 08/04/1973	²² Ready Da 10/08/202		²⁴ PBTD 7,681'	²⁵ Perforations 4,595' - 5,622'	²⁶ DHC, MC DHC-5326	
²⁷ Hole Size	2	³ Casing & Tubing Size	²⁹ Depth Se	et	³⁰ Sacks Cement	
13-3/4"		9 5/8'' H-40, 32.3#	227'		225 cf 191 cf	
8-3/4"	7" KS, 20#		3,519'			
6-1/4"			7,690'		642 cf	
		2 3/8" J-55, 4.7#	7,521'			

V. Well Test I	Data						
³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure		
N/A	N/A 10/08/2023 10/08/2023		24 hrs	548 psi	625 psi		
³⁷ Choke Size	noke Size ³⁸ Oil ³⁹ Water		⁴⁰ Gas		⁴¹ Test Method		
20/64"	0 bbl	0 bbl	270 mcf				
⁴² I hereby certify that	at the rules of the Oil Conser	vation Division have	OIL CO	DNSERVATION DIVIS	SION		
been complied with a	and that the information give	en above is true and					
complete to the best	of my knowledge and belief	•					
Signature:			Approved by: Sarah McGrath				
	Cherylene Weston						
Printed name:			Title: Petroleum S	necialist - A			
	Cherylene Weston						
Title:			Approval Date: 10/24/2023				
(Operations Regulatory Tech	Sr.	10/2 1/202	5			
E-mail Address:							
	cweston@hilcorp.com						
Date:	Phone:						
10/12/202	.3 71	3-289-2615					

AFMSS I.S. Department of the Interior UREAU OF LAND MANAGEMENT		Sundry Print Repo
UREAU OF LAND MANAGEMENT	A la ser	
Well Name: SAN JUAN 27-5 UNIT	Well Location: T27N / R5W / SEC 34 / NWSW / 36.52847 / -107.35143	County or Parish/State: RIO ARRIBA / NM
Well Number: 170	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF079394	Unit or CA Name: SAN JUAN 27-5 UN I TDK	Unit or CA Number: NMNM78409A
US Well Number: 3003920662	Well Status: Producing Gas Well	Operator: HIL CORP ENERGY COMPANY

Subsequent Report

Sundry ID: 2756140

Type of Submission: Subsequent Report Date Sundry Submitted: 10/12/2023 Date Operation Actually Began: 09/01/2023 Type of Action: Recompletion

Time Sundry Submitted: 07:41

Actual Procedure: The subject well was recompleted into the Mesaverde and Manocs formations. Please see attached reports.

SR Attachments

Actual Procedure

SJ_27_5_Unit_170_RC_Sbsq_Sundry_20231012074119.pdf

Well Name: SAN JUAN 27-5 UNIT	Well Location: T27N / R5W / SEC 34 / NWSW / 36.52847 / -107.35143	County or Parish/State: RIO ARRIBA / NM
Well Number: 170	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF079394	Unit or CA Name: SAN JUAN 27-5 UNITDK	Unit or CA Number: NMNM78409A
US Well Number: 3003920662	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

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 Phone: 5055647736 Disposition: Accepted Signature: Matthew Kade BLM POC Title: Petroleum Engineer BLM POC Email Address: MKADE@BLM.GOV Disposition Date: 10/12/2023

Signed on: OCT 12, 2023 07:41 AM

API 3003920662

9/1/2023 PJSM. BH-0 PSI, CSG-116 PSI, TBG-82 PSI. BDW. ND WH. NU BOP. RU FLOOR. ATT TO PULL TBG UP, HANGER STUCK IN WH. WO BIG RED TOOLS. INSTALL FLANGE JACK TOP OF BOP. UNABLE TO PULL TBG HANGER. RD FLOOR, KILL WELL. ND BOP. PULL HANGER FREE. NU MASTER VALVE. SIW. SDFN.

RC Subsequent Sundry

- 9/2/2023 PJSM. BH-0 PSI, CSG-100 PSI, TBG-100 PSI. ND MASTER VALVE. NU BOP & FT, GOOD. RU FLOOR. RU TUBOSCOPE. SCAN OUT 242 JTS. PU TBG, RIH TO 5600'. SISW.
- 9/3/2023 PJSM. BH 0-PSI, INT CSG-0 PSI, PROD CSG-350 PSI, TBG-0 PSI, BDW. RIH TO 7452'. TOH, LD BIT/SCRAPER. TIH, SET 4.5" CIBP @ 7425'. PT 550 PSI X 10 MIN. NO DROP. FILL HOLE W/WATER. MIRU WL GROUP. RUN CBL FROM 7393' SURFACE. RD WL. SISW.
- 9/5/2023 PJSM. BH-0 PSI, INT CSG-0 PSI, PROD CSG-0 PSI. BDW. PERFORM MIT @ 575 PSI X 30 MIN, PSI DROP 10 PSI FIRST 20 MIN, 0 PSI DROP LAST 10 MIN. THOMAS VERMERSCH, NMOCD ACCEPTED MIT. RU E-LINE. RIH, SET CBP @ 7000'. ATT TO TEST TO 2000, TEST @ 2050 PSI, FIRST 4 MIN GOOD, BEGAN DROPPING (FAILED). SISW.
- 9/6/2023 PJSM. BH-0 PSI, INT CSG-0 PSI, PROD CSG-0 PSI. BDW. TIH, SET PKR @ 3357'. TEST BELOW, NO GOOD. TEST ABOVE 2100 PSI, GOOD. TIH TO 5253'. TEST BELOW, GOOD. ABOVE, NO GOOD. TIH UP TO 5000'. BELOW GOOD TO 2000 PSI, ABOVE NO GOOD. LD TO 4970'. TEST BELOW, GOOD. TIH TO 4622'. TEST BELOW, FAIL. TIH TO 4813'. TEST BELOW, BAD. TIH TO 4875'. BELOW, NO GOOD. TIH TO 4939'. TEST ABOVE, GOOD. TEST BELOW, BAD. RIH TO 4970'. GOOD BELOW 4970', NO GOOD ABOVE. PULL TO 4939', TEST GOOD ABOVE, NO GOOD BELOW. HOLE BETWEEN 4939' - 4970'. TOOH. LD PKR.
- 9/7/2023 PJSM. BH-0 PSI, INT CSG-0 PSI, PROD CSG-0 PSI, TBG-N/A. BDW. RD FLOOR. ND BOP. ND TBG SPOOL. STUB UP 4.5" CSG, INSTALL 5K TBG SPOOL. NU BOP. RU FLOOR. RIH EXCESS TBG, SET PKR @ 4600'. LAND TBG HANGER IN 5K. FILL INT CSG W/10 BBLS WATER. 50 PSI, CSG PSI BY TBG ANNULUS TO 4000 PSI. TEST GOOD. LD TBG/PKR. SISW. SDFN. VERBAL APPROVAL REC'D TO REVISE MV PERF RANGE PER CBL: 4188'-5630', BY KENNY RENNICK, BLM & DEAN MCCLURE, NMOCD.
- 9/8/2023 PJSM. BH-0 PSI, INT 0-PSI, PROD 0-PSI. BDW. RU BASIN LOGGING. RIH, PERF MANCOS (6955'-6970') W/0.34"
 DIA, 4 SPF, 60 DEGREE PHASE (64 SHOTS). RIH, SET FRAC PLUG @ 6900'. RIH, SET PKR @ 6715'. TIH W/FRAC STRING TO 3500'. SDFN.
- **9/9/2023** PJSM. BH-0 PSI, INT CSG-0 PSI, PROD CSG-0 PSI. BDW. PU 2-7/8" FRAC STRING. TAG TOP OF PKR, INSTALL HANGER. STING IN TO PKR. RD FLOOR. ND BOP. NU FRAC STACK. PT 7000 PSI, GOOD. RD.
- 9/10/2023 PJSM. BH-0 PSI, INT CSG-0 PSI, PROD CSG-0 PSI, FRAC STRING 0-PSI. RU EXPERT SL. ATT TO RIH W/ 2.25" GR, WILL NOT GO. RUN 1.906" GR TO TOP OF DISC, 1.875" SPEAR, PENETRATE CERAMIC DISC. VERIFY DISC CLEAR.
- 9/25/2023 PJSM. MIRU. MTCE ON RIG. XO TOOLS FOR 2-7/8" TBG. SDFN.
- **9/26/2023** MIRU FRAC CREW. PJSM. 500 PSI ON FRAC STRING ANNUL. **FRAC STAGE 1:** BDW W/WATER & 500 GAL 15% HCI. FOAM FRAC MANCOS W/49,213# 20/40 SAND, 33,474 GAL SLICKWATER & 1.06M SCF N2 60Q. DROP BALL. BD TO 1700 PSI. RIH, **PERF STAGE 2 MANCOS (6744'-6820') W/ 0.25" DIA, 4 SPF (248 HOLES). FRAC STAGE 2:** BDW W/WATER & 500 GAL 15% HCI. FOAM FRAC MANCOS W/140,200# 20/40 SAND, 90,468 GAL SLICKWATER & 3.8M SCF N2 60Q. SIW. **TOTAL FRAC VOLUMES = 2,975 BBLS (INCL 24 BBLS ACID). TOTAL SAND = 189,413#. TOTAL N2 = 4.88M SCF.** SDFN.
- 9/27/2023 OPEN WELL. FLUSH FRAC STRING W/50 BBLS. RU WL. RIH, SET 2 7/8" PLUG @ 6725'. POOH. RD FRAC & FLOWBACK FROM STACK. ND FRAC STACK. NU BOP. RU FLOOR. PULL HANGER TO FLOOR. TOOH 2-7/8" FRAC STRING. NU 4" X 10K FRAC STACK & PT. SDFN.
- 9/28/2023 RU BASIN WL. RIH, PERF STAGE 3 PTLO/LWR MENEFEE (5042'-5622') W/0.33" DIA, 1 SPF (24 HOLES). POOH. RU FRAC CREW. FRAC STAGE 3: BDW W/WATER & 500 GAL 15% HCL. FOAM FRAC PT PTLO/LWR MENEFEE W/125,145# 20/40 SAND, 46,074 GAL SLICKWATER & 1.54M SCF N2 70Q. RIH, SET FRAC PLUG @ 5010'. RIH, PERF STAGE 4 CLIFFHOUSE/UPPER MENEFEE (4595'-4992') W/0.33" DIA, 1 SPF (20 HOLES). POOH. FRAC STAGE 4: BDW W/WATER & 500 GAL 15% HCL. FOAM FRAC CLIFFHOUSE/UPPER MENEFEE W/ 125,046# 20/40 SAND, 44,982 GAL SLICKWATER & 1.4M SCF N2 70Q. RIH, SET CBP @ 4399'. BLEED OFF, PLUG HELD. RD. TOTAL FRAC LOAD (4 STAGES) = 5167 BBLS (INCL 48 BBLS ACID). TOTAL SAND = 439,604#. TOTAL N2 = 7.8M SCF.
- 9/28/2023 SITP-0 PSI, SICP-0 PSI, SIICP-0 PSI, SIBHP-0 PSI, BDW. ND FRAC STACK. NU BOP. RU FLOOR. FT/PT BOP, GOOD. LD 6700' FRAC STRING. SISW. SDFN.

San Juan 27-5 Unit 170

San Juan 27-5 Unit 170

RC Subsequent Sundry

- 9/29/2023 PJSM. SITP-1200 PSI, SICP-0 PSI, SIICP-0 PSI, SIBHP-0 PSI, BDW. KILL WELL W/80 BBLS. RU WELLCHECK. INSTALL HANGER. PT BOP, GOOD. RD WELLCHECK. PULL HANGER/TWC. PU 2-3/8" TBG, 3-BLADE MILL. TAG PLUG @ 4922'. PU PWR SWVL & AIR/MIST, EST CIRC. DO PLUG @ 4922'. CO FILL TO PLUG @ 5010'. DO PLUG @ 5010'. RIH TO 5088'. TOOH TOP OF PERFS. SISW. SDFN.
- **9/30/2023** PJSM. SITP-30 PSI, SICP-900 PSI, SIBH-0 PSI, BDW. RIH, TAG UP @ 6524'. RU PWR SWVL. PUMP 1150 SCF W/8 BBLS WATER, 1 GAL SOAP/INHIBITOR. CO SAND, CHASE BTTM OF PLUGS TO PKR @ 6714'. PUMP SWEEPS, CLEAN WELL UP. LD SWVL. POOH. RIH 3 7/8" WASH OVER SHOE WP EXT, BUSHING, JARS, 6 DC TO 4482'. SDFN.
- 10/1/2023 PJSM. SITP-100 PSI, SICP-800 PSI, SIIT-0 PSI, SIBH-0 PSI. BDW. RIH, TAG 22' FILL @ 6693'. RU PWR SWVL, UNLOAD WELL W/1100 SCF AIR, 8 BBLS WTR, 1 GAL SOAP/INHIBITOR MIST/HR. CO 22' SAND. START DO PKR. LET WELL EQUALIZE. DO PKR. LET WELL EQUALIZE. PUMP 20 BBLS WTR. DO PKR, PUSH TO 6871'. CIRC CLEAN. POOH TO 4360'. SISW. SDFN.
- 10/2/2023 PJSM. SICP-1,050 PSI, SITP-0 PSI, SIBHP-0 PSI. OPEN WELL. TOOH W/REM TBG. PUMP 48 BBL KILL. BD MILL. TIH W/OS & 3-1/16" GRAPPLE. TAG PKR @ 6887'. START POOH. RIH, RETAG. POOH. NO FISH. XO GRAPPLE TO 3.0". RIH W/OS, TAG PKR, SAME SPOT. START POOH. MORE DRAG FOR 10 STDS. POOH 60 STDS. SDFN.
- 10/3/2023 PJSM. SICP-900 PSI, SITP-0 PSI, SIBHP-0 PSI. OPEN WELL. TOOH TBG. ALL FISH RETRIEVED. TIH W/ BLADE MILL, TAG PLUG #3 @ 6900'. RU PWR SWVL, AIR/MIST @ 13 BPH. BREAK CIRC. DO PLUG #3. TIH SWVL. TAG FILL @ 6960'. DO PLUG #4. CIRC CLEAN. TIH PWR SWVL, TAG PLUG PARTS @ 7392'. CO TO PLUG #5 @ 7425'. DO PLUG #5. CIRC CLEAN. TIH SWVL, TAG JUNK @ 7658'. DO JUNK. CIRC CLEAN, CUT AIR/MIST. TOOH 50 STDS. SDFN.
- 10/4/2023 PJSM. OPEN UP WELL. SICP-740 PSI, SITP-0 PSI, SIBHP-0 PSI. TIH, TAG SAME SPOT @ 7665'. RU PWR SWVL, AIR/MIST. CO TO **PBTD @ 7681'.** LET WELL CIRC. PUMP KILL. POOH. TIH, LAND 242 JTS 2 3/8", 4.7#, J-55 **TBG** @ 7521' (SN @7520'). RD FLOOR. ND BOP, NU WH. DROP BALL. PT TEST TBG 500 PSI, GOOD. PUMP OFF EXP CHECK, UNLOAD WELL. **RDRR.**

The well is producing as a MV/MC/DK trimmingle on C-104 test allowable waiting for RC C-104 approval.

Hilcorp Energy Company

Well Name: SAN JUAN 27-5 UNIT #170

PI/UWI 0039206		Surface Legal Location 034-027N-005W-L	Field Name BASIN DAKOTA	(PRORATED GAS		Route 1402	State/Provin	EXICO	Well Configuration Type
ound Elev 524.00	ration (ft)	Original KB/RT Elevation (ft) 6,534.00		RKB to GL (ft) 10.00		KB-Casing Fla	nge Distance (ft)	KB-Tubing Ha	anger Distance (ft)
				Original H	ole				
MD	TVD			Vertical s	chemati	c (actual)			
(ftKB)	(ftKB)			vertical 3	schematik				
9.8 -							Surface	Casing Come	nt, Casing, 8/5/1973
		7in, Tubing Hanger; 7	in; 10.00 ftKB; 10.8 ftK	Division Single	Buf			5	1973-08-05; CEMENT
10.8 -									CULATED TO SURFACE
226.0 -							ftKB; 227		3; 9 5/8 in; 9.00 in; 10.00
227.0 -						1000			Cement, Casing,
2,850.1 -									0.00-3,519.00; 1973-08- 91 CU FT TOC
3,044.9 -								INED BY TEN	
3,518.0 -							<i>_</i> '	ediate1, 3,5 (B; 3,519.00 f	19.00ftKB; 7 in; 6.46 in; tKB
3,519.0 -		2 3/8in, Tubing; 2 3/	8 in; 4.70 lb/ft; J-5!	5;			4,595.0-4	4,992.0ftKB c	on 9/28/2023 11:00
4,595.1 -		10.80) ftKB; 7,454.85 ftK	200			11		/ MENEFEE UPPER); 023-09-28 11:00
4,861.9 -)E (final))	·····································		<u> </u>			on 9/28/2023 08:30
		— MESA VERDE (MESA VERE							OUT / MENEFEE 522.00; 2023-09-28
4,992.1 -							08:30	3,042.00-3,0	522.00, 2023-09-28
5,042.0 -				M		M	1 1	-	ement, Casing,
5,371.1 -		- POINT LOOKOUT (POINT	LOOKOUT (fin						45.00-7,690.00; 1973-08 642 CU FT TOC
5,622.0 -							DETERM	INED BY TEN	1P DURVEY
6,355.0 -		GALLUP (GALLUP (final))							
6,744.1 -							6,744.0-6	5,820.0ftKB c	on 9/26/2023 16:00
6,819.9 -							(PERF - N 09-26 16		744.00-6,820.00; 2023-
6,955.1 -									on 9/8/2023 09:00 (PERF
6,970.1 -							- OTHER		,970.00; 2023-09-08
			N 1 101 122				09:00		
7,350.1 -		GREENHORN (GREENHOF							
7,388.1 -		GRANEROS (GRANEROS (final))						
7,454.1 -		2 3/8in, Tubing Pup Joint	; 2 3/8 in; 4.70 lb/f	ti l					
7,454.7 -		J-55; 7,454.85	ftKB; 7,457.05 ftK	в					
7,457.0 -		2 3/8in, Tubing; 2 3/ 7,457 0	8 in; 4.70 lb/ft; J-5! 5 ftKB; 7,520.03 ftK			1888 I			
7,520.0 -		2 3/8in, Seal Nipple; 2 3		5000					
7,521.0 -		2 3/8in, Expendable C	7,521.13 ftK	B	• • •				
7,522.0 -			neck; 2 3/8 in; J-5: ftKB; 7,521.86 ftK	В 🔜 🚺			·····		
									on 10/11/1973 00:00 4.00-7,650.00; 1973-10-
7,549.9 -		— DAKOTA (DAKOTA (final))					11		
7,649.9 -									ement, Casing, g); 7,681.00-7,690.00;
7,681.1 -		<ty< td=""><td>o> (PBTD); 7,681.0</td><td>0</td><td></td><td></td><td>1973-08</td><td>-16; CEMENT</td><td>TWITH 642 CU FT TOC</td></ty<>	o> (PBTD); 7,681.0	0			1973-08	-16; CEMENT	TWITH 642 CU FT TOC
7,689.0 -								INED BY TEN	
7,690.0 -								ction1, 7,690 B; 7,690.00 f).00ftKB; 4 1/2 in; 4.05 in; tKB
	eloton.co			Page 1/				, . ,	Report Printed: 10/5/2

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	BALL PRESURE TE	ST CHART ANNOTATION
1	PRESSORE	9-5-23 54n Juan 07-5 unit 170
2	DATE	Son Juan at-sume
1	WELL NAME	Drake # 28
X	DIO NIAME	MIT
1	WHAT IS BEING TESTED	Mile VII
X	WHAT IS BEING TEOTED LP START TIME AND PRESSURE	X
1	LP START TIME AND PRESSURE	VIS
	LP FALL OFF IN 5 MINUTES	9:45 A.M 575 PST 565 PST
8	LP PASS OR FAIL	9:45 A.M 56505T
1	LP PASS OR FAIL HP START TIME AND PRESSURE	10:15A.M.
1	TIME AND PRESSE	-10
5	HP FALL OFF IN 5 MINOTED	Pass 8-3-23
		Pass 8-3-23
1	HP PASS OR FAIL TEST EQUIP CALIBRATION DAT	E HIGH TECH RENTAL TOOLS
2	TOMPANY	Troy Romero L. Romero
1	NAME/SIGNATURE	They remain the
-	RIG OP. NAME/SIGNATURE	STRY& GATINTAGE TH
	RIG OP. NAME/SIGILIBE	STEVE CATION /
	WSL NAME/SIGNATURE	
4	COMMENTS	



STRANGIG

HOLINO

No ind item

markary ..

2

apetate

0

009

000

15

10

HAN End

40

•

Cheryl Weston

From:	Rennick, Kenneth G <krennick@blm.gov></krennick@blm.gov>
Sent:	Thursday, September 7, 2023 12:14 PM
То:	Cheryl Weston; Kuehling, Monica, EMNRD
Cc:	Brett Houston; Mandi Walker
Subject:	Re: [EXTERNAL] FW: San Juan 27-5 Unit 170 CBL (API 30-039-20662)

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

The BLM finds the proposed perforation range appropriate.

Kenneth (Kenny) Rennick

Petroleum Engineer

Bureau of Land Management Farmington Field Office 6251 College Blvd Farmington, NM 87402

Email: <u>krennick@blm.gov</u> Mobile & Text: 505.497.0019

From: Cheryl Weston <cweston@hilcorp.com> Sent: Thursday, September 7, 2023 11:05 AM To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Rennick, Kenneth G <krennick@blm.gov> Cc: Brett Houston <Brett.Houston@hilcorp.com>; Mandi Walker <mwalker@hilcorp.com> Subject: RE: [EXTERNAL] FW: San Juan 27-5 Unit 170 CBL (API 30-039-20662)

Monica,

I think the subject line is misleading. This is very similar to how we've been requesting changes to the perf ranges after a CBL is run. I have edited the subject line. Let me know if we still need to contact engineering.

Thanks, Cheryl

From: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov> Sent: Thursday, September 7, 2023 11:55 AM To: Cheryl Weston <cweston@hilcorp.com>; Rennick, Kenneth G <krennick@blm.gov> Cc: Brett Houston <Brett.Houston@hilcorp.com>; Mandi Walker <mwalker@hilcorp.com> Subject: Re: [EXTERNAL] FW: San Juan 27-5 Unit 170 Amended NOI CAUTION: External sender. DO NOT open links or attachments from UNKNOWN senders.

Please contact engineering for approval of a change in depth of perf range

Get Outlook for iOS

From: Cheryl Weston <<u>cweston@hilcorp.com</u>> Sent: Thursday, September 7, 2023 10:32:47 AM To: Kuehling, Monica, EMNRD <<u>monica.kuehling@emnrd.nm.gov</u>>; Rennick, Kenneth G <<u>krennick@blm.gov</u>> Cc: Brett Houston <<u>Brett.Houston@hilcorp.com</u>>; Mandi Walker <<u>mwalker@hilcorp.com</u>> Subject: [EXTERNAL] FW: San Juan 27-5 Unit 170 Amended NOI

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Monica/Kenny:

Good morning. Attached is the CBL that was ran during the recomplete wellbore prep for the subject well. Hilcorp is requesting permission to revise the Mesaverde perf range to 4,188' – 5,630'. The approved NOI (orig perf range: 4188' – 5480') OCD link is below. Please let me know if you need any additional information.

https://ocdimage.emnrd.nm.gov/Imaging/FileStore/santafe/wf/20230816/30039206620000_08_16_2023_05_02_41.pd f

Thanks,



Cheryl L. Weston San Juan South (8-10)/East Regulatory 1111 Travis Street Houston, TX 77002 Ofc: 713-289-2615 cweston@hilcorp.com

From: Brett Houston <<u>Brett.Houston@hilcorp.com</u>> Sent: Thursday, September 7, 2023 10:57 AM To: Cheryl Weston <<u>cweston@hilcorp.com</u>> Subject: San Juan 27-5 Unit 170 Amended NOI

Cheryl,

The original AFE shows MV perfs from 4,188 – 5,480' and we would like to change this to perforations from 4,188 – 5,630'. I have also attached the CBL. Thank you!

Brett Houston Operations Engineer – SJE 346.237.2065 (o) 832.433.6376 (m)

Cheryl Weston

From:	McClure, Dean, EMNRD < Dean.McClure@emnrd.nm.gov>
Sent:	Thursday, September 7, 2023 4:23 PM
То:	Cheryl Weston; Rennick, Kenneth G
Cc:	Brett Houston; Mandi Walker; Kuehling, Monica, EMNRD
Subject:	RE: [EXTERNAL] FW: San Juan 27-5 Unit 170 CBL (API 30-039-20662)

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Cheryl,

Hilcorp is given verbal approval to proceed contingent upon having like approval from the BLM.

However, please submit a sundry with the revised MV range as a C-103E and inform me of the Action ID once submitted.

Dean McClure Petroleum Engineer, Oil Conservation Division New Mexico Energy, Minerals and Natural Resources Department (505) 469-8211

From: Cheryl Weston <cweston@hilcorp.com> Sent: Thursday, September 7, 2023 2:58 PM To: McClure, Dean, EMNRD <Dean.McClure@emnrd.nm.gov>; Rennick, Kenneth G <krennick@blm.gov> Cc: Brett Houston <Brett.Houston@hilcorp.com>; Mandi Walker <mwalker@hilcorp.com> Subject: FW: [EXTERNAL] FW: San Juan 27-5 Unit 170 CBL (API 30-039-20662)

Dean,

Per Monica's request, please review the below request to revise the MV perf range for the above recomplete.

Thanks, Cheryl

From: Kuehling, Monica, EMNRD <<u>monica.kuehling@emnrd.nm.gov</u>> Sent: Thursday, September 7, 2023 11:55 AM To: Cheryl Weston <<u>cweston@hilcorp.com</u>>; Rennick, Kenneth G <<u>krennick@blm.gov</u>> Cc: Brett Houston <<u>Brett.Houston@hilcorp.com</u>>; Mandi Walker <<u>mwalker@hilcorp.com</u>> Subject: Re: [EXTERNAL] FW: San Juan 27-5 Unit 170 Amended NOI

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While all reasonable care has been taken to avoid the transmission of viruses, it is the responsibility of the recipient to ensure that the onward transmission, opening, or use of this message and any attachments will not adversely affect its systems or data. No responsibility is accepted by the company in this regard and the recipient should carry out such virus and other checks as it considers appropriate.

Cheryl Weston

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Sent:	Thursday, September 7, 2023 12:14 PM
To:	Cheryl Weston; Kuehling, Monica, EMNRD
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Brett Houston Operations Engineer – SJE 346.237.2065 (o) 832.433.6376 (m)

Cheryl Weston

From:	blm-afmss-notifications@blm.gov
Sent:	Thursday, October 12, 2023 11:15 AM
To:	Cheryl Weston
Subject:	[EXTERNAL] Well Name: SAN JUAN 27-5 UNIT, Well Number: 170, 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: 170
- US Well Number: 3003920662
- Well Completion Report Id: WCR2023101289769

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

Form 3160-4 Received by	OCD: 10/12	2/2023 2:	30:0	04 PM											Page 16 of 21
(00.10 20 10)				U		STATE		D					FORM APP		
							NTERIO AGEMEN						OMB No. 10 Expires: July		
	WE	LL COM	PLE		RECO	MPLETI	ION REPO	ORT ANI	DLO	G	5. Lea	ase Serial No.	NMSF07	79394	4
1a. Type of Wel		Oil Well		X Gas We		Dry	Othe		1	_	6. If I	ndian, Allottee	or Tribe Name		<u> </u>
b. Type of Con	npletion:	New Well		Work O		Deepen		g Back	Diff.	Resvr.,	7. Ur	it or CA Agre	ement Name		
2. Name of Ope	rator	Other:			RECO	MPLETE					8. Lea	ase Name and V	San Juan 2 Vell No.	7-5 U	nit
			Hilco	orp Ener	gy Com		NT /: 1.1				0.40		n Juan 27-	5 Ur	nit 170
3. Address	382 Rd 3100							e area coae) 333-170				I Well No.	30-039-2	2066	2
4. Location of W	Vell (Report locat	ion clearly a	nd in a	accordance	with Feder	al requiren	nents)*				10. Fi	eld and Pool of	r Exploratory Blanco Me	save	erde
At surface	Unit L (NWS)	N), 1840'	FSL	& 825' FW	′L						11. S	ec., T., R., M., Survey or Ar	on Block and		
						~							Sec. 34, T2	7N, F	
At top prod.	Interval reported b	below				Same	as above				12. C	County or Parisl	1		13. State
At total depth 14. Date Spudde		15 1	Date T	D. Reached		IS above	e ate Complete	d 10/8	/2023		17 F	Rio A	A rriba RKB, RT, GL) [;]	k	New Mexico
8/	4/1973			8/16/197	'3		D&A	X Read	ly to P				6,52		
18. Total Depth	:	7,690'		19. P	lug Back T	'.D.:	7,68	81'	I	20. Depth	Bridge	Plug Set:	MD TVD	,	
21. Type Electr	ic & Other Mecha	anical Logs I	Run (S		of each)					22. Was			X No		es (Submit analysis)
				CBL							DST r	un? Survey?	X No X No	_	es (Submit report)
23. Casing and	Liner Record (Rep	oort all strin	gs set	in well)				_							
Hole Size	Size/Grade	Wt. (#/	ît.)	Top (MI	D) B	ottom (MD)) ~	Cementer Depth		o. of Sks. & pe of Ceme		Slurry Vol. (BBL)	Cement to	p*	Amount Pulled
13 3/4" 8 3/4"	9 5/8" H-40 7" KS	32.3 20#		0		227' 3,519'		n/a n/a		225 cf 191 cf					
6 1/4"	4 1/2" KS	11.6#, 1	0.5#	0		7,690'		n/a		642 cf					
24. Tubing Reco	ord														
Size 2 3/8"	Depth Set (M 7,521'	ID) Pa	icker I	Depth (MD)	S	ize	Depth Set (1	MD) F	Packer	Depth (MD))	Size	Depth Set (1	MD)	Packer Depth (MD)
25. Producing In	tervals		-				26. Perforat				I	a:	N 11 1	T	
	Formation Duse /Upper N			тор 4,595'	4,9	ttom 992'	Р	erforated In 1 SPF				Size .33"	No. Holes 20		Perf. Status Open
B) Point Lo	okout/Lower	Menefee	_	5,042'	5,6	522'		1 SPF				.33"	24		open
D)	TOTAL		_										44		
27. Acid, Fractu	re, Treatment, Ce	ment Squee	ze, etc.										••		
	Depth Interval 4595-4992		Br	roke well w/	H20 & 50	0 gal 15%	6 HCL. Foar			and Type of 6# 20/40 s			kwater & 1.4N	1 SCF	N2 70 Q
	5042-5622 -		Br	roke well w/	H2O & 50	00 gal 15%	% HCL. Foa	m Frac w/ '	125,14	15# 20/40	sand, 4	46,074 gal sli	ckwater & 1.54	1M SC	CF N2 70 Q
28. Production -	Interval A														
Date First	Test Date	Hours	Test		Oil	Gas	Water	Oil Gravity	/	Gas		Production M			
Produced		Tested	Produ	uction	BBL	MCF	BBL	Corr. API		Gravity			FIC	owin	g
10/8/2023 Choke	10/8/2023 Tbg. Press.	24 Csg.	24 Hı	r	0 Oil	270 mcf Gas	0 bbls Water	n/a Gas/Oil	ı	n. Well Sta	/a atus				
Size	Flwg.	Press.	Rate		BBL	MCF	BBL	Ratio		en bu					
20/64"	548 psi	625 psi			0	270 mcf	0 bwpd	n/a	ı				Producing		
28a. Production Date First	- Interval B Test Date	Hours	Test		Oil	Gas	Water	Oil Gravity	/	Gas		Production M	lethod		
Produced		Tested	Produ	uction	BBL	MCF	BBL	Corr. API		Gravity					
Chalte	The Dree	Car	24.11		0:1	Car	Weter	Cas/O'l		W-11 O					
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hi Rate		Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio		Well Sta	atus				
	SI			\rightarrow											

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

D · E' ·	TIDI		m i	01	C	117.	01.0	C	
Date First	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method
Produced		Tested	Production	BBL	MCF	BBL	Corr. API	Gravity	
			\rightarrow						
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas/Oil	Well Statu	s
Size	Flwg.	Press.	Rate	BBL	MCF	BBL	Ratio		
	SI		\rightarrow						
28c. Product	ion - 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 Statu	S
Size	Flwg.	Press.	Rate	BBL	MCF	BBL	Ratio		
	SI		\rightarrow						
29. Dispositi	on of Gas (Solid, u.	sed for fuel, v	ented, etc.)	I	1				
						S	old		
30 Summara	of Porous Zones (Include A qui	fore).					21 Eormo	tion (Log) Markers

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.

-				-	
					Top
Formation	Тор	Bottom	Descriptions, Contents, etc.	Name	Meas. Depth
Ojo Alamo			White, cr-gr ss	Ojo Alamo	
Kirtland			Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	
Fruitland			Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	
Pictured Cliffs			Bn-Gry, fine grn, tight ss.	Pictured Cliffs	
Lewis			Shale w/ siltstone stingers	Lewis	
luerfanito Bentonite			White, waxy chalky bentonite	Huerfanito Bentonite	
Chacra		4,188'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	
Cliff House	4,188'		Light gry, med-fine gr ss, carb sh & coal	Cliff House	4,188'
Menefee		5,371'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	
Point Lookout	5,371'	0,000'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5,371'
Mancos		6,355'	Dark gry carb sh.	Mancos	
Gallup	6,355'	7,350'	Lt. gry to brn calc carb micac gluac silts & very fine gry gry ss w/ irreg, interbed sh.	Gallup	6,355'
Greenhorn	7,350'	7,398'	Highly calc gry sh w/ thin Imst.	Greenhorn	7,350'
Graneros	7,388'	- ,	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7,388'
Dakota	7,550'		Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7,550'
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss	Morrison	,

32. Additional remarks (include plugging procedure):

This well is currently producing as a MV/MC/DK trimmingle per DHC-5326. MV PA - NMNM078409B

Electrical/Mechanical Logs (1 f	ull set req'd.)	Geologic Report	DST Report	Directional Survey
Sundry Notice for plugging and	cement verification	Core Analysis	Other:	
ereby certify that the foregoing	and attached information is complete	and correct as determined from	all available records (see a	ttached instructions)*
Name (please print)	Cherylene Wes	ston Ti	tle Ope	rations/Regulatory Technician
	Cherylene Westo	ם מו	ate	10/12/2023
Signature				

Page 17 of 21

(Form 3160-4, page 2)

Form 3160-4 Received by	OCD: 10/12	2/2023 2:	30:04	4 PM											Page 18 of 21
(,				UN PARTMI REAU OF	ENT OF		NTERIO						FORM AP OMB No. 1 Expires: Jul	004-01	37
	WE		PLET	TION OR	RECO	MPLETI	ON REP		DLO	G	5. Le	ase Serial No.			
1a. Type of Wel	1	Oil Well	ŀ	X Gas Well		Dry	Oth	er			6 If 1	ndian Allottee	NMSF0		4
b. Type of Con		New Well		Work Ov		Deepen			Diff.	Resvr.,					
		Other:			RECO	MPLETE					7. Ur	nit or CA Agre	ement Name San Juan 2		
2. Name of Ope	rator				0						8. Le	ase Name and			
3. Address			HIICO	orp Energ	y Com		e No. (includ	le area code)		9. AF	YI Well No.	an Juan 27		
4. Location of W	382 Rd 3100 Vell (Report locat				vith Feder	al requiren) 333-170	0		10. F	ield and Pool o	30-039- or Exploratory	2066	2
						1	,						Basin N , on Block and	lanco	DS
At surface	Unit L (NWS	<i>w)</i> , 1040	FOL	Q 023 FW	L						11. 2	Survey or An	rea		
At top prod.	Interval reported	below				Same a	as above	•			12. 0	County or Paris	Sec. 34, T 2 ^{sh}	27N, I	R5W 13. State
At total depth				9	Same a	s above	2					Rio	Arriba		New Mexico
14. Date Spudde	ed	15.		D. Reached		16. Da	te Complete		/2023		17. E		, RKB, RT, GL		itew intexico
18. Total Depth	4/1973	7,690'		8/16/1973	3 ug Back T		D & A 7,68	X Read	2	rod. 20. Depth	Bridge	Plug Set:	6,52		
		*			-		,	-		_			TV	D	
21. Type Electr	ic & Other Mech	anical Logs .	Run (S	CBL	of each)						S DST r	un?	X No X No X No	Y	es (Submit analysis) es (Submit report)
23. Casing and	Liner Record (Rep	port all strin	gs set i	n well)						Dire	cuonai	Survey?	A NO	I	es (Submit copy)
Hole Size	Size/Grade	Wt. (#/	ft.)	Top (MD) B	ottom (MD) U	Cementer Depth		o. of Sks. a be of Cema		Slurry Vol. (BBL)	Cement t	op*	Amount Pulled
13 3/4" 8 3/4"	9 5/8" H-40 7" KS	32.3 20#		0		227' 3,519'		n/a n/a		225 cf 191 cf					
6 1/4"	4 1/2" KS	11.6#, 1		0		7,690'		n/a		642 cf					
24. Tubing Reco	ord														
Size 2 3/8"	Depth Set (M 7,521'	(ID) P	acker D	Depth (MD)	S	ize	Depth Set (MD) I	Packer	Depth (MI))	Size	Depth Set	(MD)	Packer Depth (MD)
25. Producing In	tervals						6. Perforat				1	<i>a</i> :			
A)	Formation Mancos			тор 6,744'	6,8	ttom 320'	ł	erforated In 4 SPF				Size .25"	No. Holes 248		Perf. Status Open
B) C)	Mancos		_	6,955'	6,9	970'		4 SPF				.34"	64	-	open
D)	TOTAL				-								312		
27. Acid, Fractu	re, Treatment, Ce	ment Squee	ze, etc.										012		
	Depth Interval 6744-6820							m Frac w/ 1	40,20		sand, 9	90,468 gal sli	ckwater & 3.8		
	6955-6970 -		Bro	oke well w/	H2O & 50	00 gal 15%	6 HCL. Foa	m Frac w/	49,213	# 20/40 s	and, 3	3,474 gal slic	kwater & 1.06	M SCF	= N2 60 Q
28. Production -	Interval A														
Date First	Test Date	Hours	Test		Dil	Gas	Water	Oil Gravity	/	Gas		Production N		awin	~
Produced		Tested	Produ	ction 1	BBL	MCF	BBL	Corr. API		Gravity			FI	owin	9
10/8/2023 Choke	10/8/2023 Tbg. Press.	24 Csg.	24 Hr.		0 Dil	95 mcf Gas	0 bbls Water	n/a Gas/Oil	ı	n Well St	i∕a atus				
Size	Flwg.	Press.	Rate		BBL	MCF	BBL	Ratio							
20/64"	548 psi	625 psi			0	95 mcf	0 bwpd	n/a	ı				Producing		
28a. Production Date First	- Interval B Test Date	Hours	Test		Dil	Gas	Water	Oil Gravity	/	Gas		Production M	Method		
Produced		Tested	Produ		BBL	MCF	BBL	Corr. API		Gravity					
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate		Dil BBL	Gas MCF	Water BBL	Gas/Oil Ratio		Well St	atus				
	SI			➡											

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

28b. Product	ion - 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	s
Size	Flwg.	Press.	Rate	BBL	MCF	BBL	Ratio		-
	SI								
28c Product	ion - 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	
<u>G1 1</u>	TT D	G		01	9		G (01	W 11 Cr	
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water BBL	Gas/Oil	Well Status	S
Size	Flwg. SI	Press.	Rate	BBL	MCF	BBL	Ratio		
	51								
29. Dispositi	on of Gas (Solid, u	sed for fuel, v	vented, etc.)						
						So	old		
30. Summary	of Porous Zones (Include Aqui	fers):					31. Forma	tion (Log) Markers
Show all in	nportant zones of p	orosity and c	ontents thereof:	Cored inter-	vals and all o	drill-stem tes	t,		
0	lepth interval tested	1, cushion use	ed, time tool open	, flowing ar	nd shut-in pr	essures and			
recoveries									

					Тор
Formation	Тор	Bottom	Descriptions, Contents, etc.	Name	Meas. Depth
Ojo Alamo			White, cr-gr ss	Ojo Alamo	
Kirtland			Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	
Fruitland			Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	
Pictured Cliffs			Bn-Gry, fine grn, tight ss.	Pictured Cliffs	
Lewis			Shale w/ siltstone stingers	Lewis	
Huerfanito Bentonite			White, waxy chalky bentonite	Huerfanito Bentonite	
Chacra		4,188'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	
Cliff House	4,188'		Light gry, med-fine gr ss, carb sh & coal	Cliff House	4,188'
Menefee		5,371'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	
Point Lookout	5,371'	0,000'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5,371'
Mancos		6,355'	Dark gry carb sh.	Mancos	
Gallup	6,355'	7,350'	Lt. gry to brn calc carb micac gluac silts & very fine gry gry ss $w/$ irreg. interbed sh.	Gallup	6,355'
Greenhorn	7,350'	7,398'	Highly calc gry sh w/ thin Imst.	Greenhorn	7,350'
Graneros	7,388'		Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7,388'
Dakota	7,550'		Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7,550'
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss	Morrison	

32. Additional remarks (include plugging procedure):

This well is currently producing as a MV/MC/DK trimmingle per DHC-5326.

etrical/Mechanical Logs (1 f	full set req'd.)	Geologic Report	D	ST Report	Directional Survey
ndry Notice for plugging and	l cement verification	Core Analysis	0	ther:	
	and attached information is con	mplete and correct as determine	ned from all available	e records (see attache	d instructions)*
	and attached information is con Cherylene		ned from all available		d instructions)* ons/Regulatory Technician

Released to Imaging: 10/24/2023 2:59:15 PM

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

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District IV

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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

ACKNOWLEDGMENTS

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	275188
	Action Type:
	[C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS $\overline{\checkmark}$ I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion. $\overline{\checkmark}$ I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

ACKNOWLEDGMENTS

Action 275188

Page 20 of 21

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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

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	275188
	Action Type:
	[C-104] Completion Packet (C-104C)
CONDITIONS	

Created By	Condition	Condition Date
smcgrath	None	10/24/2023

Action 275188