Received by OCD: 12/13/2023 3:21:33 Pl Office	M State of New Mexico Energy, Minerals and Natural Resources	Form C-103 of Revised July 18, 2013			
<u>District I</u> – (575) 393-6161 1625 N. French Dr., Hobbs, NM 88240 District II – (575) 748-1283		WELL API NO. 30-045-09298			
811 S. First St., Artesia, NM 88210 <u>District III</u> – (505) 334-6178 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> – (505) 476-3460 1220 S. St. Francis Dr., Santa Fe, NM	OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505	5. Indicate Type of Lease STATE FEE 6. State Oil & Gas Lease No.			
87505 SUNDRY NOTICE (DO NOT USE THIS FORM FOR PROPOSAL	S AND REPORTS ON WELLS S TO DRILL OR TO DEEPEN OR PLUG BACK TO A TON FOR PERMIT" (FORM C-101) FOR SUCH	7. Lease Name or Unit Agreement Name HARTMAN 23			
PROPOSALS.) 1. Type of Well: Oil Well Ga	as Well 🛛 Other	8. Well Number 1 9. OGRID Number			
HILCORP ENERGY COMPANY					
3. Address of Operator 382 Road 3100, Aztec, NM 87410		10. Pool name or Wildcat Basin Dakota			
	1086' feet from the <u>South</u> line and _ wnship 30N Range 11W	<u>832'</u> feet from the <u>West</u> line NMPM County San Juan			
	11. Elevation (Show whether DR, RKB, RT, GR, 6 5888'	etc.)			
12. Check App	ropriate Box to Indicate Nature of Notice	e, Report or Other Data			
	PLUG AND ABANDON	DRILLING OPNS. P AND A			

CLOSED-	LOOP	SYSTEM
OTHER:		
10 5		

DOWNHOLE COMMINGLE

Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

OTHER:

Hilcorp Energy is requesting to repair the bradenhead on the subject well per the attached procedure.

Spud Date:		Rig Releas	e Date:		
I hereby certify that the	information above is	s true and complete to the	he best of my knowledge an	nd belief.	
SIGNATURE <u>Pris</u>	xílla Shorty	TITLE_Oper	rations/Regulatory Technici	an – SrDATE	12/13/2023
Type or print name For State Use Only	Priscilla Shorty	_E-mail address:	pshorty@hilcorp.com_	_ PHONE: <u>(505) 3</u>	24-5188
APPROVED BY: Conditions of Approval	(if any):	TITLE		DATE_	

Proposed BH Directive Repair Procedure - NOI

Hartman 23 1

API # - 30-045-09298

Procedure:

Hold PJSM prior to beginning any and all operations. Properly document all operations via the JSA process. Ensure that all personnel onsite abide by HEC safety protocol, including PPE, housekeeping, and standard guidelines.

Verify cathodic protection is off and wellhead instrumentation is properly disconnected from the wellhead. Comply with all NMOCD, BLM, and HEC safety and environmental regulations.

Verify there is no H2S present prior to beginning operations. If any H2S is present, take the necessary actions to ensure that the location is safe prior to beginning operations.

Observe and record pressures across all string daily, prior to beginning operations. **Notify NMOCD 24 hours prior to starting operations on location.**

- 1. Verify all wellhead valves are operatable.
- 2. Move onto well location with workover rig. Check well pressures on all casing strings and record (daily).
- 3. Check well for H2S and blow down well as necessary.
- 4. RD wellhead and RU BOPs. Function test BOP pipe rams and blind rams.
- 5. Release tbg hanger, pull out of seal assembly, and TOOH with the 1.66" prod tbg.
- 6. RIH with 4.5" RBP and test Packer. Set RBP above the Model D Packer at +/- 6,625'. Move Packer/RBP up hole testing to identify leaking interval.
- 7. MIRU cement package squeeze production casing at leaking interval and WOC.
- 8. PU 4.5" cement DO BHA and DO cement with air package.
- 9. MIT wellbore from surface to RBP to 500psi. Chart and record test with the appropriate agencies.
- 10. Bleed down any pressure on the Bradenhead and perform Bradenhead test to ensure source of gas has been isolated from Bradenhead.
- 11. Retrieve RBP. Pull OOH
- 12. RIH w/ burning shoe and 2-3/8" workstring. Burn over Model D packer and POOH with packer.
- 13. TIH with 2-3/8" production tubing in the Dakota perfs and RTP well.

Hilcor Well Nam		TMAN 23 001							
004509298		Surface Legal Location 023-030N-011W-M	Field Name DK	Lio	ense No.		State/Province NEW MEXICO		Well Configuration Type Vertical
riginal KB/RT Ela	vation (It)	RK8 to GL (t) 10.00	Original Spud 6/23/1962		Release Date		PBTD (AI)		Total Depth All (TVD)
lost Recent	Job	10.00	012011002	00.00					
ob Category Expense Worl	over	Primary Job Type TUBING REPAIR		Secondary Job Type		Actual Start D 1/16/1967		End Da	ite
D: 6,995.	0			Original Hole	[Vertical]				
MD (ftKB)					schematic ((actual)			
	-						Carles Islats (E (0) at 11	1.00-250.00; 239.00; 1
250.0							1; 8 5/8; 8.10 Guide Shoe, 8 5		0.00-251.00; 1.00; 1-2;
254.9		LAMO (OJO ALAMO (final	0)				5/8; 8.10		
1,030.8		ND (KIRTLAND (final))							
1,115.2 -									1.00-2,397.00; 2,386.0
	- FRUITL	AND (FRUITLAND (final))					2-1; 4 1/2; 4.05		
2,008.9 -	- PICTUR	RED CLIFFS (PICTURED CL	IFFS (final)						
2,397.0 -	ricio							2in; 2,39	7.00-2,398.00; 1.00; 2-
2,445.9				CONTRACTOR OF CONT		000000	4 1/2; 4.05		
	and a second sec	ANITO BENTONITE (HUE	RFANITO				1661in Tubino	11.00-6	,656.00; 6,645.00; 1-1;
3,310.0 -	- CHACR	RA (CHACRA (final))					1.66; 1.38	,	,050,00,0,045,00, 1 1,
4,000.0									
4,016.1 -	- CLIFF F	HOUSE (CLIFF HOUSE (fina	al)) —						
		EE (MENEFEE (final))					Casing Joints	1/2in: 2	398.00-6,957.92;
4,607.9 -		LOOKOUT (POINT LOOK) OS (MANCOS (final))	OUT (final)) -				4,559.92; 2-3; 4		
5,851.0 -	GALLU	R (GALLUR (final)							
6,600.1	- GREEN	HORN (GREENHORN (fin	al))						
6.655.9	- GRANE	EROS SHALE (GRANEROS	SHALE (fi						
6,655.8 -				155555		20202			
6,709.0	- TWO V	VELLS (TWO WELLS (final))						
6,719.2 -				(52306) Konstan		625255	_		7/23/1962 00:00 (PERF 9.00; 1962-07-23
6,777.9 -	PACIN	ATE (PAGUATE (final))		1000000 1000000		622222 625555	6 777 0 6 000 0	WP co T	102/1062 00:00 /0122
0,111.9	PAGUA			(5)5)555 (1)57574					7/23/1962 00:00 (PERF 2.00; 1962-07-23
6,810.0	****			and the second					7/23/1962 00:00 (PERF 4.00; 1962-07-23
6,826.1	-LOWER	CUBERO (LOWER CUBER	RO (final)) —				DAKOTAJ; 6,810	.00-0,814	4.00, 1902-07-23
6,834.0									7/23/1962 00:00 (PERF 4.00; 1962-07-23
				350500a		506665 206020	6,840.0-6,846.0	ftKB on 7	/23/1962 00:00 (PERF
6,846.1	- ENCIN	AL (ENCINAL (final))					DAKOTA); 6,840	1.00-6,846	6.00; 1962-07-23
6,950.1					(3536666				
6,958.0	- BURRO	CANYON (BURRO CANY	ON (final)) -				Float Collar, 4 1	/2in; 6,95	57.92-6,961.09; 3.17; 2
0,950.0							Casing Joints, 4		961.09-6,990.25; 29.1
6,962.9 -	- MORRI	ISON (MORRISON (final))					2-5; 4 1/2; 4.05		90.25-6,991.00; 0.75; 2
6,991.1						100000 10000	6; 4 1/2; 4.05	7211, 0,9	50.25-0,351.00, 0.75; 4

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Hilcor Well Name		Company		PROPOSE	O SCHEM	ATIC			
1/UWI 004509298		Surface Legal Location 023-030N-011W-M	Field Name DK		License No.		State/Province NEW MEXICO		Well Configuration Type Vertical
ginal KBIRT Elevi 898.00	dion (1t)	RKB to GL (t) 10.00	Original Spi 6/23/196		Rig Release Date	•	PBTD (AI)		Total Depth All (TVD)
ost Recent J	ob	10.00	0/25/150	2 00.00					
Category kpense Work		Primary Job Type TUBING REPAIR		Secondary Job Type		Actual Start 1/16/1967		End Da	le
D: 6,995.0				Original H	ole [Vertical]			_	
MD (ftKB)					cal schematic				
							Code a taleta	0.5.00.0.11	00.050.00.000.1
250.0							1; 8 5/8; 8.10 Guide Shoe, 8		.00-250.00; 239.00; 1- .00-251.00; 1.00; 1-2;
254.9		LAMO (OJO ALAMO (fina	n) ————				5/8; 8.10		
1,030.8	KIRTLA	AND (KIRTLAND (final))		_					
1,115.2		mediated Casing Squeeze (LAND (FRUITLAND (final))					Casing Joints, 2-1; 4 1/2; 4.05		.00-2,397.00; 2,386.00
2,008.9				200	8	20000			
2,397.0	- PICTUR	RED CLIFFS (PICTURED CL	IFFS (final))				Stage Tool, 4 1 4 1/2; 4.05	/2in; 2,397	.00-2,398.00; 1.00; 2-
2,445.9 -				\$993	88	200000	4 1/2, 4.05		
3,310.0		ANITO BENTONITE (HUE RA (CHACRA (final))	RFANITO						
4,000.0	CLIFE	HOUSE (CLIFF HOUSE (fin	-						
4,016.1	CLITT		ai//						
4,607.9	POINT	FEE (MENEFEE (final))	OUT (final))		ш		Casing Joints, 4,559.92; 2-3; 4		398.00-6,957.92;
5,851.0		OS (MANCOS (final)) -			ш				
6,600.1		HORN (GREENHORN (fin							
6,655.8	- GRANI	EROS SHALE (GRANEROS	SHALE (h						
6,709.0	-TWO W	WELLS (TWO WELLS (final) ———						
6,719.2				1999 1999	a M	82555)			/23/1962 00:00 (PERF 0.00; 1962-07-23
6,777.9	-PAGU/	ATE (PAGUATE (final)) -		5950 6950	8	623555 1055555			/23/1962 00:00 (PERF
6,810.0					8		6,810.0-6,814.0	OftKB on 7	/23/1962 00:00 (PERF .00; 1962-07-23
6,826.1 -	LOWER	R CUBERO (LOWER CUBE	RO (final)) -						/23/1962 00:00 (PERF
6,834.0 -							DAKOTA); 6,82	8.00-6,834	.00; 1962-07-23 /23/1962 00:00 (PERF
6,846.1	ENCIN	AL (ENCINAL (final))					DAKOTA); 6,84	0.00-6,846	.00; 1962-07-23
6,950.1	BURRO	CANYON (BURRO CANY	ON (final))			<u> </u>	<i>c</i>	1/2in; 6,95	7.92-6,961.09; 3.17; 2
6,958.0 -									961.09-6,990.25; 29.16
6,962.9	- MORR	ISON (MORRISON (final))							0.25-6,991.00; 0.75; 2
6,991.1							6; 4 1/2; 4.05		

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Priscilla Shorty

Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov></monica.kuehling@emnrd.nm.gov>
Tuesday, December 5, 2023 3:36 PM
Farmington Regulatory Techs
Smith, Clarence, EMNRD
[EXTERNAL] Hartman 23 #1 30-045-09298

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

Hello

A bradenhead test was witnessed by NMOCD inspector Clarence Smith 8/16/2023.

Gas analysis and wellbore schematic have been received.

Pressures at time of test

BH=66 Production casing = 66 Tubing =66 all strings equalized

The test showed direct communication between the bradenhead and production casing. Gas analysis shows same gas production casing and bradenhead.

In order to comply with rule 19.15.16.11, prevent waste and protect fresh water, Hilcorp Energy Company is directed to fix or plug within 90 days of the date of this email.

If you have any questions, please let me know

Thank you

Monica Kuehling Compliance Officer Supervisor Deputy Oil and Gas Inspector New Mexico Oil Conservation Division North District Office Phone: 505-334-6178 ext. 123 Cell Phone: 505-320-0243 Email - monica.kuehling@emnrd.nm.gov 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

District IV 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

CONDITIONS

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	294378
	Action Type:
	[C-103] NOI Workover (C-103G)
CONDITIONS	

Created By	Condition	Condition Date
mkuehling	Notify NMOCD 24 hours prior to moving on -	12/14/2023

CONDITIONS

Page 6 of 6

Action 294378