Received by Ocp 7 2427/2023 2:26:43 AM Office District I – (575) 393-6161	State of New Mexico Energy, Minerals and Natural Resources	Form C-163 Revised July 18, 2013		
1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> – (575) 748-1283 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 87505	OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505	WELL API NO.         30-045-11081         5. Indicate Type of Lease         STATE       FEE         6. State Oil & Gas Lease No.		
SUNDRY NOTICE (DO NOT USE THIS FORM FOR PROPOSAL DIFFERENT RESERVOIR. USE "APPLICAT PROPOSALS.)	S AND REPORTS ON WELLS S TO DRILL OR TO DEEPEN OR PLUG BACK TO A ION FOR PERMIT" (FORM C-101) FOR SUCH S Well 🛛 Other	<ul> <li>7. Lease Name or Unit Agreement Name</li> <li>LANDAUER</li> <li>8. Well Number 1</li> </ul>		
2. Name of Operator HILCORP ENERGY COMPANY	9. OGRID Number 372171			
3. Address of Operator 382 Road 3100, Aztec, NM 87410		10. Pool name or Wildcat Basin Dakota		
4. Well Location Unit Letter <u>H</u> : 1430 Section 3	feet from the <u>North</u> line and <u>1120</u> feet fro Township 31N Range 13W	om the <u>East</u> line NMPM County San Juan		
1	1. Elevation (Show whether DR, RKB, RT, GR, etc.) 5772'	)		
12. Check Appr	opriate Box to Indicate Nature of Notice, R	Report or Other Data		

5

NOTICE OI	F IN	TENTION TO:	SUBSEQUENT REPORT OF:		
PERFORM REMEDIAL WORK	<	PLUG AND ABANDON	$\boxtimes$	REMEDIAL WORK	ALTERING CASING
TEMPORARILY ABANDON		CHANGE PLANS		COMMENCE DRILLING OPNS.	P AND A
PULL OR ALTER CASING		MULTIPLE COMPL		CASING/CEMENT JOB	
DOWNHOLE COMMINGLE					
CLOSED-LOOP SYSTEM					
OTHER:				OTHER:	
12 D		(1) (C1) (1)		and a set of the set o	and the stand the second stand stands of the second

13. 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.

Hilcorp Energy Company requests permission to P&A the subject well per the attached procedures, current and proposed wellbore schematics. A closed loop system will be used.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

TITLE Operations/Regulatory Technician – Sr. DATE 2/27/2023

Type or print name Amanda Walker E-mail address: <u>mwalker@hilcorp.com</u> PHONE: (346) 237-2177 For State Use Only

ic Asp 3/6/2023 TITLE Petroleum Specialist APPROVED BY: DATE Conditions of Approval (if any):

Ţ	1 1111	HILCORP ENERGY COMPANY
1	Hilcorp	Landauer 1 NOTICE OF INTENT TO PERMANENTLY ABANDON
	API #:	3004511081
		JOB PROCEDURES
7	NMOCD Contac regulat	t OCD 24 hrs prior to MIRU. Comply with all NMOCD, BLM (where applicable), and HEC safety and environmental ions.
1.	MIRU service rig and ass	sociated equipment, record all pressures on wellbore.
2.	Load well, ND tree, NU B	SOPs and test.
3.	Pressure test the csg & C	CIBP to 560psi for 30min to prove casing integrity (CIBP @ 6,575').
4.		o CIBP. Load well, make CBL run from 6,575' to surface - send CBL to Houston, NMOCD for review. subject to change per CBL results.
5.	Plug #1   6,425' - 6,575'	(CIBP @ 6,575'   Dakota Top Perf @ 6,628') Pump 15sx of Class III "Select" cement and spot an inside plug over CIBP.
6.		n the 5-1/2" csg @ 5,853'. Set CICR @ 5,803'. (Gallup Top @ 5,803') Circulate in a 40sx of Class III "Select" inside/outside plug to cover the Gallup Top.
7.		(Mancos Top @ 4,760') Circulate in an 15sx of Class III "Select" inside plug to cover the Mancos Top. to expect cmt to be behind pipe from that depth up.
8.		n the 5-1/2" csg @ 3,650'. Set CICR @ 3,600'. (Cliff House Top @ 3,600') Circulate in a 40sx Class III "Select" inside/outside plug to cover the Cliff House Top.
9.		n the 5-1/2" csg @ 3,240'. Set CICR @ 3,190'. (Chacra Top @ 3,190') Circulate in a 40sx Class III "Select" inside/outside plug to cover the Chacra Top.
10.		n the 5-1/2" csg @ 2,050'. Set CICR @ 2,000'. (Pictured Cliffs Top @ 2,000') Pump 40sx of Class III "Select" inside/outside plug to cover the Pictured Cliffs Top.
11.		n the 5-1/2" csg @ 1,522'. Set CICR @ 1,472'. (Fruitland Top @ 1,472') Pump 40sx of Class III "Select" inside/outside plug to cover the Fruitland Top.
12.		n the 5-1/2" csg @ 1,060'. Set CICR @ 1,010'. <b>Jjo Top @ 946'   Kirtland Top @ 1,010')</b> Circulate in a 80sx Class III "Select" inside/outside plug to cover the Ojo & Kirtland
13.	RU ELU, perf circ holes in Plug #9   12' - 242' (Surf	n the 5-1/2" csg @ 242'. face Shoe @ 192') Circulate in a 86sx Class III "Select" inside/outside plug to cover the surface shoe.
14.	LD tubing. ND BOP and o	cut off wellhead 5' below surface as per NMOCD. Top off cement at surface as needed. Weld new P&A maker.



## HILCORP ENERGY COMPANY Landauer 1 NOTICE OF INTENT TO PERMANENTLY ABANDON

	Hilcorp Energy Company Curry Name: LANDAUER #1	ent Schematic	_RGM	
PI/UWI 8004511	Surface Legal Location Field Name		Route 0211	StateProvince Weil Configuration Type NEW MEXICO Vertical
round Elev	vation (ft) Original KB/RT Elevation (ft) KB	Ground Distance (ft)		lange Distance (ft) KB-Tubing Hanger Distance (ft)
,112.00	5,704.00			
	Or	iginal Hole [Vertic	al]	
MD (ftKB)		Vertical schematic (	actual)	
12.1 -	5777	8	SISIST.	Surface Casing Cement, Casing, 8/21/1961 05:15
190.9	Surface, 192.00ftKB; 10 3/4 in; 10.19 in; 12.00 ftKB;	8		12.00-192.00; 1961-08-21 05:15; Cmt'd w/ 150sx 2% CaCl2 cmt. Good returns throughout job.
191.9	192.00 ftKB		1010	Tested to 600 PSIG - held OK.
242.1				15 in; 192.00 ftKB
846.1	Oie Alame (Oie Alame (final))			
945.9	— Ojo Alamo (Ojo Alamo (final)) — Kirtland (Kirtland (final))			
1,012.1	- Kirciario (Kirciario (iinai))-			
1.060.0				
1,372.0				
1,472.1		_		
1,474.1				
1,522.0 -				
1,899.9 -				
2,000.0	Pictured Cliffs (Pictured Cliffs (final))	_		
2,002.0				
2,049.9				
3,089.9	Charge (Charge (Enally)			
3,190.0	— Chacra (Chacra (final))			
3,240.2				
3,500.0				7 7/0 1-1 6 072 00 8/0
3,600.1	Cliff House (Cliff House (final))	_		7 7/8 in; 6,872.00 ftKB
3,602.0				Production Casing Cement, Casing, 10/1/1961
3,649.9				06:00; 3,756.00-4,805.00; 1961-10-01 06:00; Cmt'd
3,755.9		688		thru stage collar at 4805' w/265 sx. 50/50 Pozmix 4% gel cmt, bumped plug at 2000 PSIG - held OK.
4,660.1 -				Drilled out to 6851' PBTD. Tested casing string to
4,759.8	— Mancos (Mancos (final))			3000 PSIG - held OK. TOC caluclated at 75%
4,803.1	4,805.0ftKB, <dttmstart>, DV TOOL AT 4,805</dttmstart>			efficiency.
4,805.1 -	4,005,01KB, Kattinstarty, DV 100E AT 4,005			
4,810.0 -				
5,703.1				
5,803.1		<u>~~</u>	<u> </u>	
5,805.1				
5,853.0				Production Casing Cement, Casing, 10/1/1961
5,993.1		888	808	06:00; 5,993.00-6,872.00; 1961-10-01 06:00; Cmt'd
6,424.9	400 in Court 6 5740 6 575 0 6 57400 6 575 00			at 6872' w/222 sx. 1/4 cu. ft. Strata-Crete per sack,
6,574.1 -	4.89 in, Sand, 6,574.0, 6,575.0; 6,574.00-6,575.00; 120# of sand			4% gel cmt, bumped plug with 2000 PSIG - held
6,575.1 -	4.89 in, CIBP, 6,575.0, 6,578.0; 6,575.00-6,578.00			OK. TOC caluclated at 75% efficiency.
6,578.1	Delaste (Delaste (Certi))			
6,609.9	— Dakota (Dakota (final))			
6,628.0	6,628.0-6,773.0ftKB on 10/1/1961 06:00 (PERF - DAKOTA); 6,628.00			Production Casing Cement, Casing, 10/1/1961
6,773.0 -		100	888	06:00 (plug); 6,840.00-6,872.00; 1961-10-01 06:00;
6,839.9	<typ> (PBTD); 6,840.00</typ>			Cmt'd at 6872' w/222 sx. 1/4 cu. ft. Strata-Crete per
6,871.1 -	Production1, 6,872.00ftKB; 5 1/2 in; 4.89 in; 12.00			sack, 4% gel cmt, bumped plug with 2000 PSIG - held OK. TOC caluclated at 75% efficiency.
6,872.0	ftKB; Not sure of configuration (length, # of joints, etc) of pipe; 6,872.00 ftKB		W.	
MOMON P	peloton.com			
		Page 1/1		Report Printed: 12/12/2022



## HILCORP ENERGY COMPANY Landauer 1 NOTICE OF INTENT TO PERMANENTLY ABANDON

_		p Energy Compa :: LANDAUER		WBD Prop	oosed Formations					
API/UWI 3004511	081		egai Location 1N-13W	Field Name BASIN	License No.	State/Province NEW MEXICO	Weil Configuration Type Vertical			
Fround Elev	ation (ft)		lange Elevation (ft)	KB-Ground Distance (ft) 12.00	KB-Casing Flange Distance (ft)	Original Spud Date 8/21/1961 00:00	Rig Release Date			
Most Re			alan ana si kala 🐨 ana	Secondary Job	Type Actual Start					
Job Catego Expens			rimary Job Type [EST/LOG/PROF	ILE	Hole [Vertical]		i Date			
MD (ftKB)	TVD (ftK B)	Formation Tops	MD		Vertical sche	matic (proposed)				
12.1				Surface Plug, Plug -	Balanced, 12/31/2022 00:00; 12.0					
191.9					Cement, Casing, 8/21/1961 05:1 lsx 2% CaCl2 cmt. Good returns					
846.1		Ojo Alamo	946.0			9 in; 12.00 ftKB; 192.00 ftKB				
1,009.8		Kirtland	1,010.0		0ftKB on 12/31/2023 00:00 (Circ g. Plug - Balanced, 12/31/2022 0	0:00; 846.00-1,060.00; 2022-				
1,060.0					4.95 in, CICR, 1,010.	: 80sx Class III "Select" cmt. 0. 1,012.0; 1,010.00-1,012.00				
1,472.1		Fruitland	1,472.0		KB on 12/31/2023 00:00 (Circ H g - Balanced, 12/31/2022 00:00; 31;					
1,522.0				1 522 0-1 522 0	4.95 in. CICR. 1.472.0 KB on 12/31/2023 00:00 (Circ H	0. 1.474.0: 1.472.00-1.474.00				
2.000.0 -		Pictured Cliffs	2,000.0		Plug - Balanced, 12/31/2022 00:					
	- ·					0, 2,002.0; 2,000.00-2,002.00				
2,049.9					Balanced, 12/31/2022 00:00 (Circ H	90.00-3,240.00; 2022-12-31;				
3,190.0		Chacra	3,190.0			40sx Class III "Select" cmt. 0, 3,192.0; 3,190.00-3,192.00				
3,240.2	- ·				KB on 12/31/2023 00:00 (Circ H g - Balanced, 12/31/2022 00:00;					
3.600.1		Cliff House	3,600.0			: 40sx Class III "Select" cmt. 0, 3,602.0; 3,600.00-3,602.00				
3,649.9				3,650.0-3,650.0HKB on 12/31/2023 00:00 (Circ Holes): 3,650.00: 2023-12-31 Production Casing Cement, Casing, 10/1/1961 06:00: 3,756.00-4.805.00; 1961-10						
	- ·			-01 06:00; Cmt'd th	Production Casing Cement Casing, 10/17/901 06002, 3756.00-4.805.00; 1961-10 -01 06:00; Cmt'd thru stage collar at 4805' w/265 sx: 50/50 Pozmix 4% gel cmt bumped plug at 2000 PSIG - held OK. Drilled out to 6851' PBTD, Tested casing					
4,660.1		Mancos	4,760.0	strir	g to 3000 PSIG - held OK. TOC c 12/31/2022 00:00; 4,660.00-4,810	aluclated at 75% efficiency.				
4,803.1						III "Select" cmt nstart>, DV TOOL AT 4,805'				
4,810.0				Gallup Plug, Plug	Balanced, 12/31/2022 00:00; 5,7	03.00-5,853.00; 2022-12-31;				
5,703.1	-	C-11	5 002 0			40sx Class III "Select" cmt 0, 5,805.0; 5,803.00-5,805.00				
5,805.1		Gallup	5,803.0		KB on 12/31/2023 00:00 (Circ H Plug, Plug, 12/31/2022 00:00; 6,4					
5.993.1				Production Casing (	Cement, Casing, 10/1/1961 06:00;	15sx Class III "Select" cmt. 5,993.00-6,872.00; 1961-10				
				-01 06:00; Cmt'd at (	5872' w/222 sx. 1/4 cu. ft. Strata-0 with 2000 PSIG - held OK. TOC c	rete per sack, 4% gel cmt				
6,574.1					89 in, Sand, 6,574.0, 6,575.0; 6,574	1.00-6,575.00; 120# of sand				
6,578.1		Dakota	6,610.0		4.09 III, CIBP, 0,575.	0, 6,578.0; 6,575.00-6,578.00				
6,628.0						<typ> (PBTD); 6,840.00</typ>	1 <b>-</b>			
6,779.9					g Cement, Casing, 10/1/1961 06:0 mt'd at 6872' w/222 sx. 1/4 cu. ft	00 (plug); 6,840.00-6,872.00;				
6.871.1					nped plug with 2000 PSIG - held					
					5 1/2 in; 4.89	in; 12.00 ftKB; 6,872.00 ftKB				
www.p	eloto	n.com	1	1	Page 1/1		Report Printed: 12/12/2022			

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	190732
	Action Type:
	[C-103] NOI Plug & Abandon (C-103F)

## CONDITIONS

Created By	Condition	Condition Date					
kpickford	CBL required	3/6/2023					
kpickford	Notify NMOCD 24 Hours Prior to beginning operations	3/6/2023					

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Action 190732