Submit 1 Copy To Appropriate District Office
District I – (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
Revised July 18, 2013

WELL API NO.
30-045-23791

5. Indicate Type of Lease
STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☐ Gas Well ☒ Other

7. Lease Name or Unit Agreement Name
LANDAUER

8. Well Number
1E

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/Blanco Mesaverde

4. Well Location
Unit Letter I : 2255 feet from the South line and 680 feet from the East line
Section 03 Township 31N Range 13W NMPM San Juan County

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*
5742'

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☒	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:			☐

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 procedure, current and proposed wellbore schematics. A closed loop system will be used.

Spud Date: Rig Release Date:

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 9/17/2021

Type or print name Amanda Walker E-mail address: mwalker@hilcorp.com PHONE: (346) 237.2177

For State Use Only

APPROVED BY: TITLE DATE

Conditions of Approval (if any):

HILCORP ENERGY COMPANY
Well Name: Landauer 1E
P&A Sundry

API #:	3004523791

JOB PROCEDURES

☑ NMOCD
☐ BLM

Contact OCD and BLM (where applicable) 24 hrs prior to MIRU. Record and document all casing pressures daily, including BH, IC (if present) and PC. Comply with all NMOCD, BLM (where applicable), and HEC safety and environmental regulations.

*Note: all cement volumes use 100% excess outside csg and 50' excess inside pipe. Stabilizing wellbore fluid will be 8.3 ppg. All cement will be ASTM Class G neat yield or equivalent. If csg pressure tests tagging plugs will not be required.

1. Hold pre-job safety meeting. Comply with all NMOCD and HEC safety and environmental regulations. Verify there is no H2S present prior to beginning operations. Verify cathodic is offline. (Rig is already on location for previous Bradenhead attempt to repair).

2. Check casing, tubing, and bradenhead pressures and record them in WellView.

3. RU blow lines from casing valves and begin blowing down casing pressure.

4. RU WL and run CBL from plug depth @ 6558' to surface. RD WL.

5. TIH open ended to 6558' (plug depth).

6. Pump Plug 1, 6558'-6508' (Perforations, 6608'-6816', Dakota Top: 6606'). Mix & pump 12 sx of Class G cement and spot plug on top of existing CIBP to cover perforations and DK top. PU and reverse circulate tubing clean. WOC, then RIH and tag plug to confirm TOC.

7. LD tbg to 5803' then TOOH. RU WL and perforate at 5853'. RD WL.

8. TIH w/ CICR and set at 5803'.

9. Pump Plug 2, 5853'-5753' (Gallup Top: 5803'). Inside/outside plug. Mix & pump 49 sx of Class G cement and pump an inside/outside plug squeezing 31 sx outside and leaving 18 sx inside to cover the Gallup Top. PU and reverse circulate tubing clean. WOC, then RIH to tag plug to confirm TOC.

10. LD tbg to 4802'.

11. Pump Plug 3, 4802'-4702' (Mancos Top: 4752'). Mix & pump 18 sx of Class G cement and spot balanced plug to cover the Mancos Top. PU and reverse circulate tbg clean. WOC, then RIH and tag plug to confirm TOC.

12. LD tbg to 3638'.

13. Pump Plug 4, 3638'-3538' (Mesaverde Top: 3538'). Mix & pump 18 sx of Class G cement and spot balanced plug to cover the Mesaverde top. PU and reverse circulate tbg clean. WOC, then RIH and tag plug to confirm TOC.

14. LD tbg to 3166' then TOOH.

15. RU WL and perf at 3216'. RD WL.

16. TIH w/ CICR and set at 3166'.

17. PT csg to 500 psi. If csg does not test, continue to spot or tag subsequent plugs as appropriate. WOC to be determined upon test.

18. Pump Plug 5, 3216'-3116' (Chacra Top: 3166'). Inside/outside plug. Mix & pump 49 sx of Class G cement and pump an inside/outside plug squeezing 31 sx outside and leaving 18 sx inside to cover the Chacra top. PU and reverse circulate tbg clean.

19. LD tbg to 2000' then TOOH.

20. RU WL and perforate at 2050'. RD WL.

21. TIH w/ CICR and set at 2000'.

22. Pump Plug 6, 2050'-1337' (Pictured Cliffs Top: 2000', Fruitland Top: 1387'). Inside/outside plug. Mix & pump 254 sx of Class G cement and pump an inside/outside plug squeezing 166 sx outside and leaving 88 sx inside to cover the Fruitland and PC top. PU and reverse circulate tbg clean.

23. LD tbg string.

24. RU WL and perforate below shoe at 326'. RD WL.

25. Pump Plug 7, 326'-Surface (Surface Shoe: 292', Kirtland Top: 100'). Pump water down csg and establish inj rate into BH. Mix and pump Type G cement until good cement returns to surface.

26. ND BOP, cut off WH below surface csg flange per regulation. Top off w/ cement if needed. Install P&A marker w/ cement to comply with regulations. RD, MOL, cut off anchors. Restore surface locations and submit reports to OCD.

HILCORP ENERGY COMPANY
Well Name: Landauer 1E
P&A Sundry

Well Name: Landauer 1E - CURRENT WELLBORE SCHEMATIC

Hilcorp Energy Company

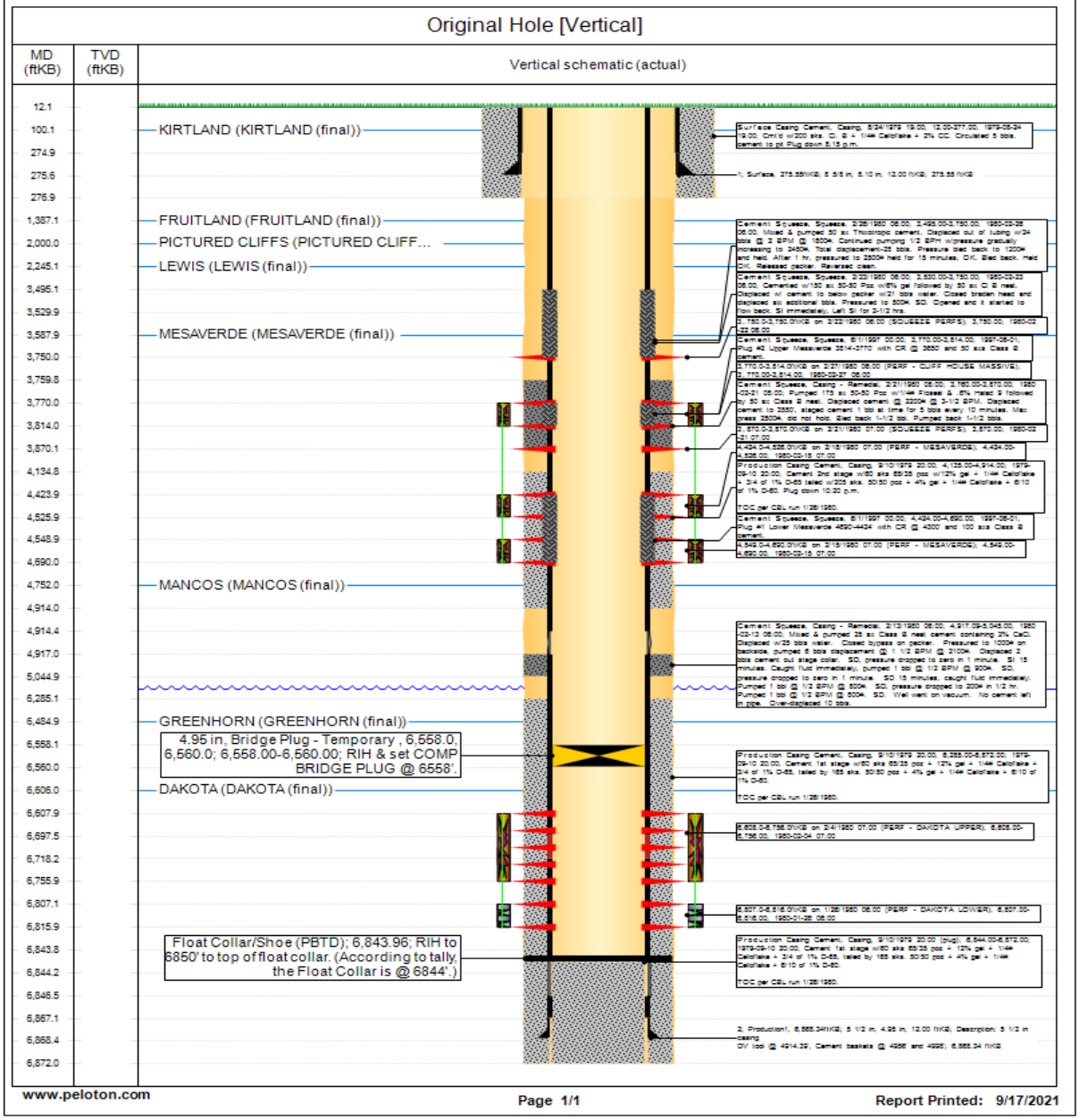
Current Schematic - Version 3

Well Name: LANDAUER #1E

API / UWI	Surface Legal Location	Field Name	Route	State/Province	Well Configuration Type
3004523791	I-3-31N-13W	BASIN	0211	NEW MEXICO	Vertical

Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)
5,742.00	5,754.00	12.00		

Original Hole [Vertical]



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Report Printed: 9/17/2021

Well Name: Landauer 1E - PROPOSED WELLBORE SCHEMATIC

Hilcorp Energy Company

Schematic - Proposed

Well Name: LANDAUER #1E

API / UWI	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type
3004523791	I-3-31N-13W	BASIN		NEW MEXICO	Vertical

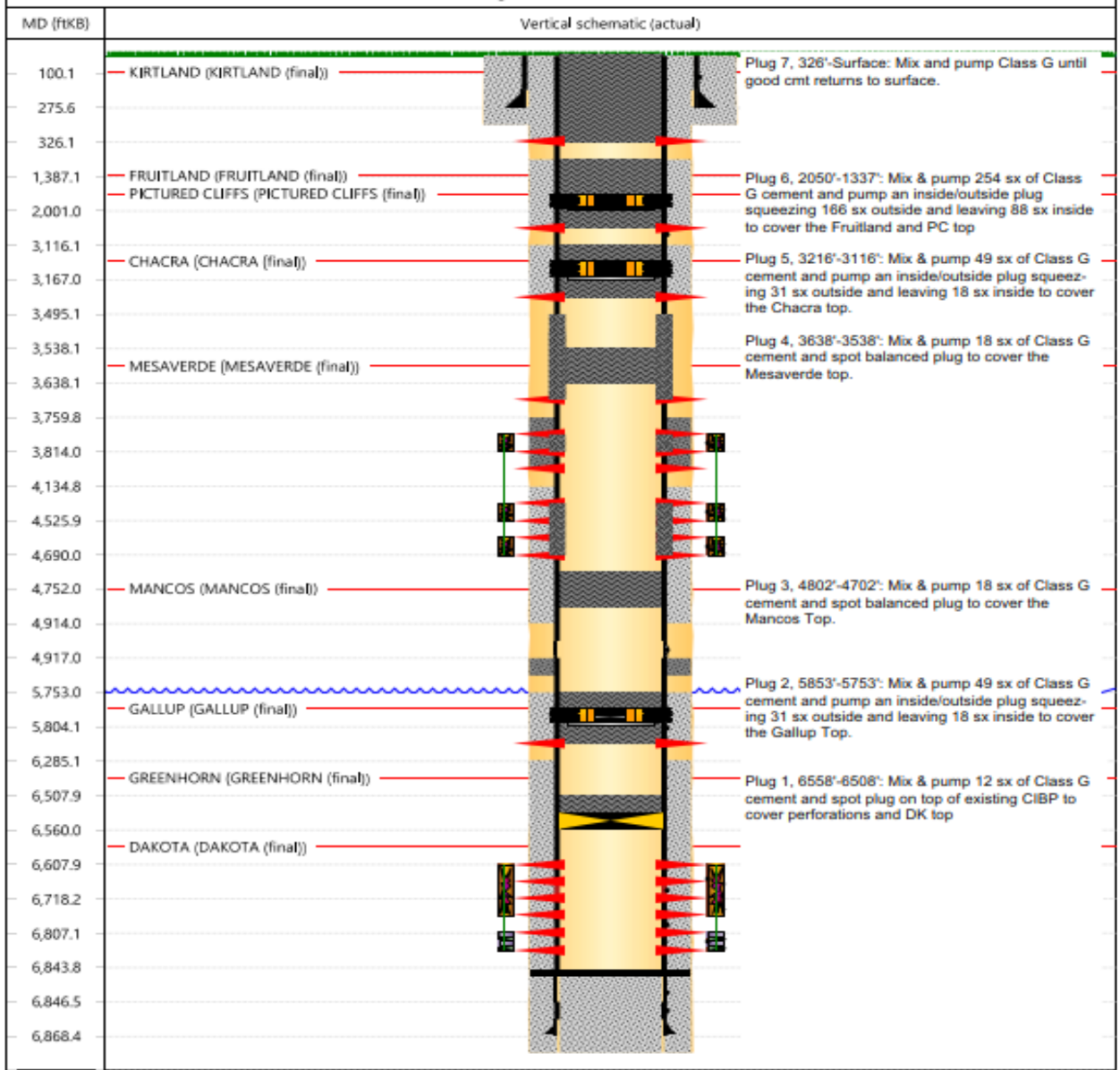
Original KB/RT Elevation (ft)	KB-Ground Distance (ft)	Original Spud Date	Rig Release Date	PBTD (All) (ftKB)	Total Depth All (TVD) (ftKB)
5,754.00	12.00	8/24/1979 08:15		Original Hole - 6,844.0	

Most Recent Job

Job Category	Primary Job Type	Secondary Job Type	Actual Start Date	End Date
Expense Workover	BRADENHEAD REPAIR		9/14/2021	

TD: 6,872.0

Original Hole [Vertical]



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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

Action 49760

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 49760
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
kpickford	Notify NMOCD 24 Hours Prior to beginning operations	9/18/2021
kpickford	CBL required	9/18/2021
kpickford	Extend surface plug 630-0 to cover the Kirtland top @ 580 and Ojo Alamo top @ 320. Inside/outside plug	9/18/2021