

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

Form C-103
Revised July 18, 2013

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 [X]
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name LANDAUER
8. Well Number 1
9. OGRID Number 372171
10. Pool name or Wildcat Basin Dakota

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 [X] Other
2. Name of Operator HILCORP ENERGY COMPANY
3. Address of Operator 382 Road 3100, Aztec, NM 87410
4. Well Location
Unit Letter H : 1430 feet from the North line and 1120 feet from the East line
Section 3 Township 31N Range 13W NMPM County San Juan
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5772'

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

NOTICE OF INTENTION TO:
PERFORM REMEDIAL WORK [] PLUG AND ABANDON [X]
TEMPORARILY ABANDON [] CHANGE PLANS []
PULL OR ALTER CASING [] MULTIPLE COMPL []
DOWNHOLE COMMINGLE []
CLOSED-LOOP SYSTEM []
OTHER: []
SUBSEQUENT REPORT OF:
REMEDIAL WORK [] ALTERING CASING []
COMMENCE DRILLING OPNS. [] P AND A []
CASING/CEMENT JOB []
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 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 [Signature] TITLE Operations/Regulatory Technician - Sr. DATE 2/27/2023

Type or print name Amanda Walker E-mail address: mwalker@hilcorp.com PHONE: (346) 237-2177

For State Use Only

APPROVED BY: [Signature] TITLE Petroleum Specialist DATE 3/6/2023
Conditions of Approval (if any):



HILCORP ENERGY COMPANY
Landauer 1
NOTICE OF INTENT TO PERMANENTLY ABANDON

API #:	3004511081
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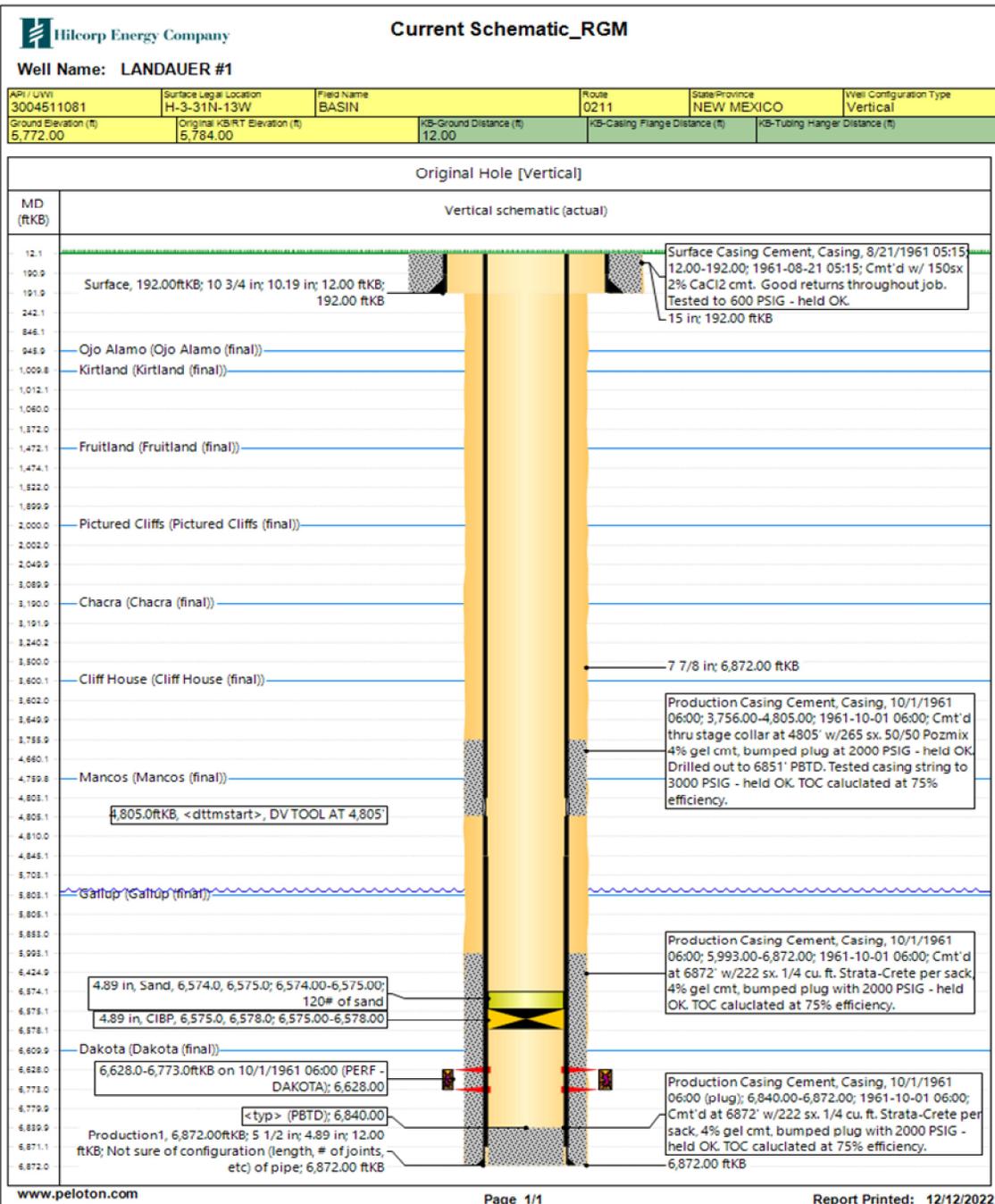
JOB PROCEDURES

- NMOCD **Contact OCD 24 hrs prior to MIRU. Comply with all NMOCD, BLM (where applicable), and HEC safety and environmental regulations.**
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1. MIRU service rig and associated equipment, record all pressures on wellbore.
 2. Load well, ND tree, NU BOPs and test.
 3. Pressure test the csg & CIBP to 560psi for 30min to prove casing integrity (CIBP @ 6,575').
 4. RU ELU, make GR run to CIBP. Load well, make CBL run from 6,575' to surface - send CBL to Houston, NMOCD for review.
Note: All plugs will be 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. RU ELU, perf circ holes in the 5-1/2" csg @ 5,853'. Set CICR @ 5,803'.
Plug #2 | 5,703' - 5,853' (Gallup Top @ 5,803') Circulate in a 40sx of Class III "Select" inside/outside plug to cover the Gallup Top.
 7. **Plug #3 | 4,629' - 4,779' (Mancos Top @ 4,760')** Circulate in an 15sx of Class III "Select" inside plug to cover the Mancos Top.
Note: DV tool @ 4,805' so expect cmt to be behind pipe from that depth up.
 8. RU ELU, perf circ holes in the 5-1/2" csg @ 3,650'. Set CICR @ 3,600'.
Plug #4 | 3,500' - 3,650' (Cliff House Top @ 3,600') Circulate in a 40sx Class III "Select" inside/outside plug to cover the Cliff House Top.
 9. RU ELU, perf circ holes in the 5-1/2" csg @ 3,240'. Set CICR @ 3,190'.
Plug #5 | 3,090' - 3,240' (Chacra Top @ 3,190') Circulate in a 40sx Class III "Select" inside/outside plug to cover the Chacra Top.
 10. RU ELU, perf circ holes in the 5-1/2" csg @ 2,050'. Set CICR @ 2,000'.
Plug #6 | 1,900' - 2,050' (Pictured Cliffs Top @ 2,000') Pump 40sx of Class III "Select" inside/outside plug to cover the Pictured Cliffs Top.
 11. RU ELU, perf circ holes in the 5-1/2" csg @ 1,522'. Set CICR @ 1,472'.
Plug #7 | 1,372' - 1,522' (Fruitland Top @ 1,472') Pump 40sx of Class III "Select" inside/outside plug to cover the Fruitland Top.
 12. RU ELU, perf circ holes in the 5-1/2" csg @ 1,060'. Set CICR @ 1,010'.
Plug #8 | 846' - 1,060' (Ojo Top @ 946' | Kirtland Top @ 1,010') Circulate in a 80sx Class III "Select" inside/outside plug to cover the Ojo & Kirtland Tops.
 13. RU ELU, perf circ holes in the 5-1/2" csg @ 242'.
Plug #9 | 12' - 242' (Surface Shoe @ 192') Circulate in a 86sx Class III "Select" inside/outside plug to cover the surface shoe.
 14. LD tubing. ND BOP and 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

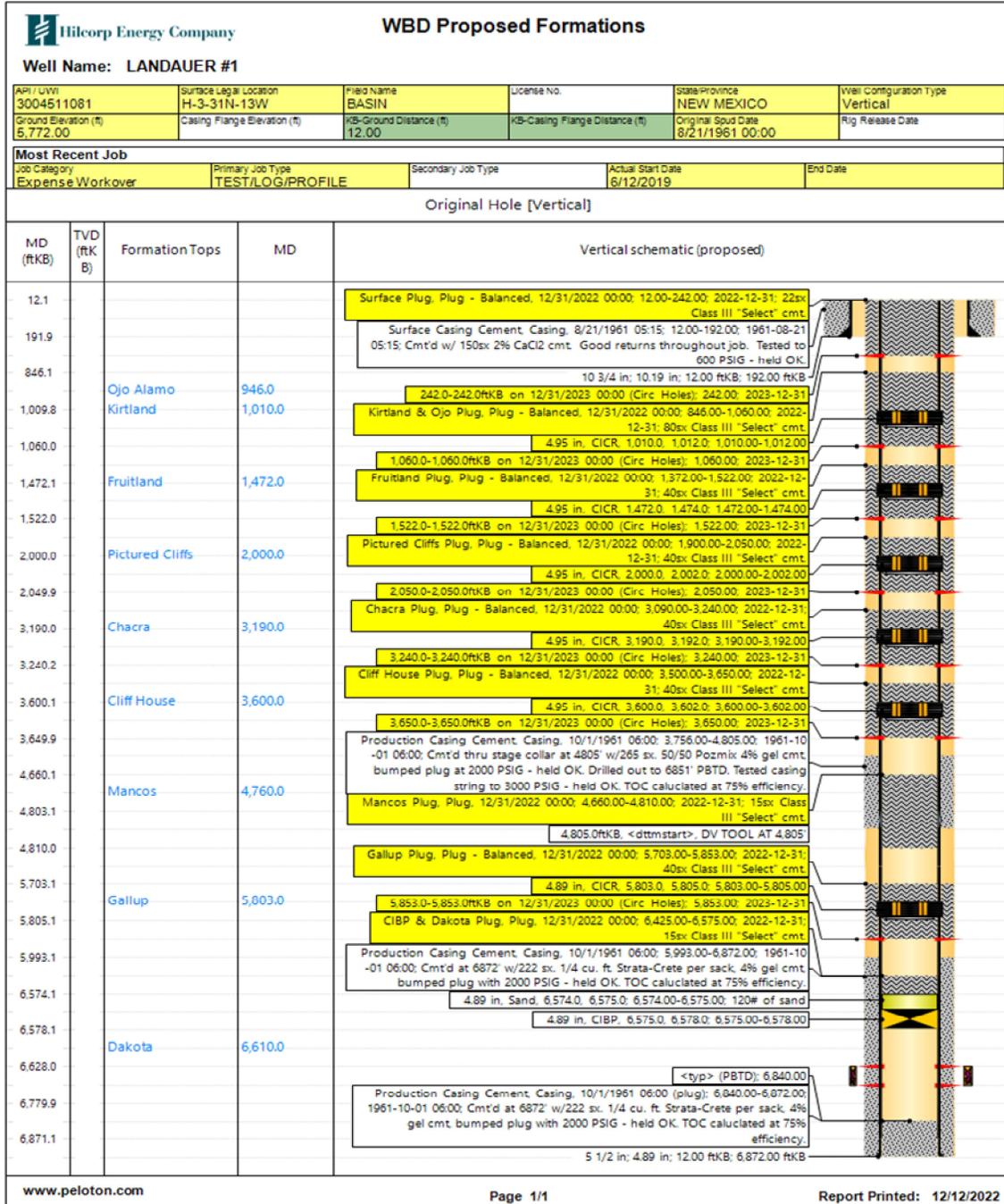
Landauer 1 - CURRENT WELLBORE SCHEMATIC





HILCORP ENERGY COMPANY
Landauer 1
NOTICE OF INTENT TO PERMANENTLY ABANDON

Landauer 1 - PROPOSED P&A SCHEMATIC



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 1625 N. French Dr., Hobbs, NM 88240
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Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 190732

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 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