

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. 30-045-30453
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. B-40894-14
7. Lease Name or Unit Agreement Name Huerfano Unit Com
8. Well Number 551
9. OGRID Number 372171
10. Pool name or Wildcat Fruitland Coal
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6342' GR

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

2. Name of Operator
 HILCORP ENERGY COMPANY

3. Address of Operator
 382 Road 3100, Aztec, NM 87410

4. Well Location
 Unit Letter A : 1275' feet from the North line and 660' feet from the East line
 Section 16 Township 26N Range 09W NMPM County San Juan

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☒
 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.

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 1/4/2023

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

Proposed P&A Procedure

Well: Huerfano Unit Com #551

API: 30-045-30453

Date: 12/19/2022

Engr: M Wissing

Surface: State

Wellbore		Wt #	ID	Bottom (ft)	Bbl/ft	Drill Bit
SPUD	3/1/2001					
KB (ft)	12					
Surface Casing	7"	20	6.33	133	0.03890	8-3/4"
Production Casing	4-1/2'	10.5	4.05	6721	0.01593	6-1/4'
Csg x Open hole	6.25 X 4.5	-	-	-	0.01830	
Csg Annular	6.33 X 4.5	-	-	-	0.01930	
Tubing	2-3/8" (5/01)	4.7	65 jts	2,005 ft		
PBTD	2,030 ft					

Cement		
Type	Class G	
Yield	1.15	Bbl/sx
Water	5	Gal/sx
Weight	15.8	PPG
Total Job Cmt	105	SX
Total Cmt Water	525	Gal
Csg Vol Water	29.1	Bbl

Lift Type: Plunger

Historic Braden Head Pressure: 0 psi

Rig History:

Slickline: none since completion in 2001

Logs: CBL- TOC at 390'

Hilcorp Energy Company

Proposed P&A Procedure

P&A Cement: All cement plugs include a 50 ft excess volume. Due to SJ Basin cement resource limitations, either Type III (6.64 gal/sx, 1.37 yld, 14.8#) or Type 2/5 (6.041 gal/sx, 1.27 yld, 15#) cement might be used at any point during the P&A project.

RIG P&A PROCEDURE:

- 1) Verify all wellhead valves are operatable.
- 2) Verify slickline has cleared 2-3/8" tbg with gauge ring down to 2,006'.
- 3) Move onto well location. Check well pressures on all casing strings and record (daily). Check well for H₂S and blow down well as necessary.
- 4) RD wellhead and RU BOPs. Function test BOP 2-3/8" pipe and blind rams.
- 5) MU 2-3/8" work string with 4-1/2" csg scraper and RIH to 1,835'. POOH.
- 6) MU 4-1/2" CICR (3.875" ID) and RIH. Set CICR at 1,825'.
- 7) Sting out of CICR and roll the hole clean and release any trapped gas.
- 8) Pressure test the casing to 550-600 psi for 10 minutes (no chart).
- 9) Sting back into CICR.
- 10) PLUG #1 (PC TOP @ 2,015', top FRC perf @ 1,866')
 - a. Squeeze below CIRC with 26 SXS, 5.3 BBLS of Class G, 1.15 yld, 15.8# cement into existing FRC perfs.
- 11) Sting out of CICR.
- 12) PLUG #2 (FRC TOP @ 1,718', top FRC perf @ 1,866')
 - a. Pump a 207' cement balanced plug from 1,618'- 1,825' with 17 SXS, 3.5 BBLS of Class G, 1.15 yld, 15.8# cement inside the 4-1/2" csg.
- 13) TOOH with tbg to 1,332'. (LD setting tool if needed)
- 14) PLUG #3 (KIRTLAND TOP @ 1,282', OJO TOP @ 1,190')
 - a. Pump a 242' cement balanced plug from 1,090'- 1,332' with 19 SXS, 3.9 BBLS of Class G, 1.15 yld, 15.8# cement inside the 4-1/2" csg.
- 15) TOOH with tbg.
- 16) RU E-line and perf csg at 183'. Attempt circulation rate with perfs.
- 17) PLUG #4 (CSG SHOE @ 133')
 - a. Circulate a 171' cement plug from 12'-183' with 31 SXS, 6.4 BBLS of Class G, 1.15 yld, 15.8# cement inside the 4-1/2" csg and 7" x 4-1/2" annulus.
- 18) N/D BOPE.
- 19) Cut off wellhead.
- 20) Check marker joint for correct well information and weld on P&A well marker.
- 21) Top off all casing strings and whd cellar with 12+/- sx of cement.
- 22) Release rig.

Hilcorp Energy Company

Proposed P&A Procedure



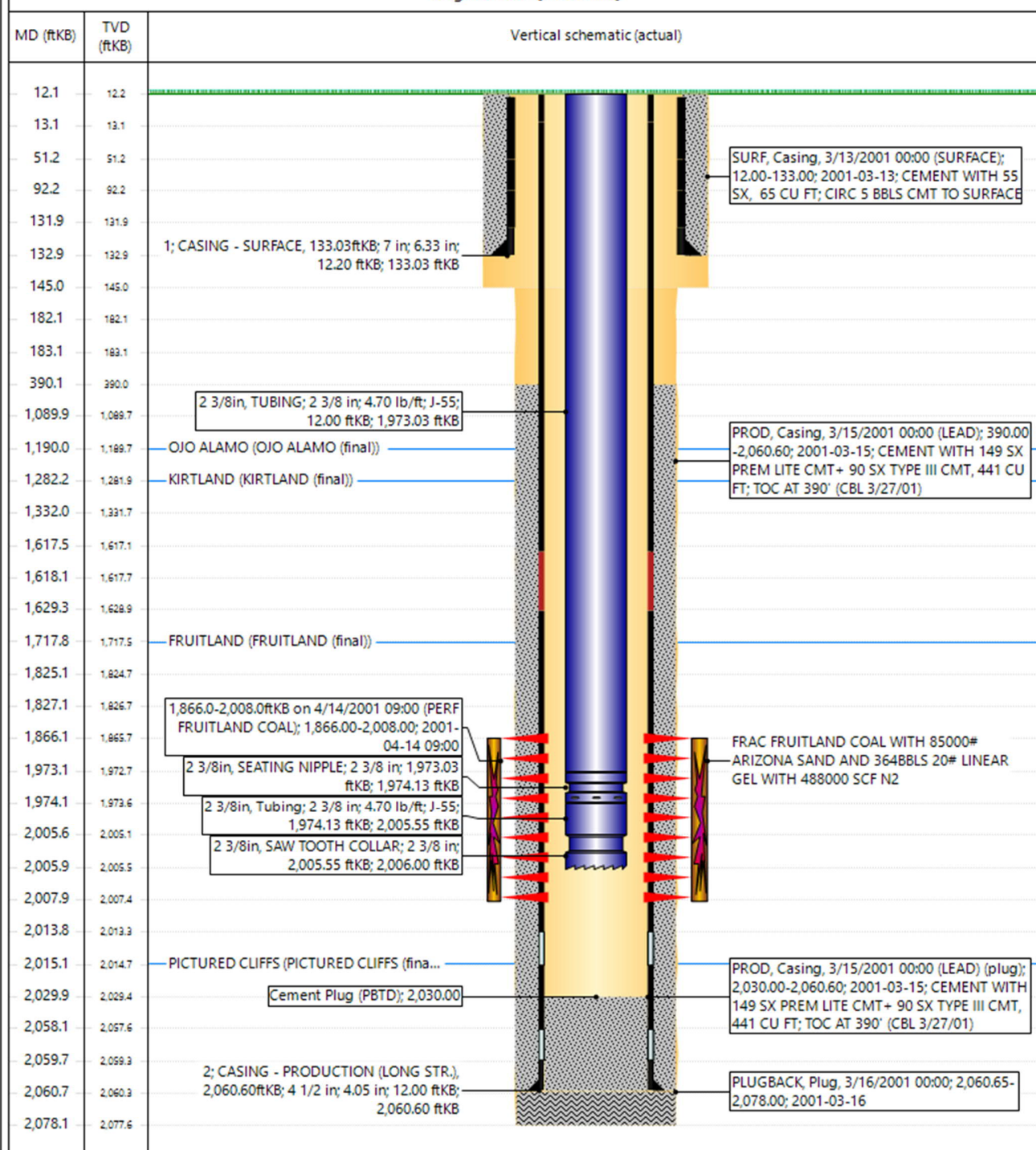
Hilcorp Energy Company

Current Schematic - Completion Comments

Well Name: HUERFANO UNIT COM #551

API / UWI 3004530453	Surface Legal Location 016-026N-009W-A	Field Name BASIN (FRUITLAND COAL)	Route 0907	State/Province NEW MEXICO	Well Configuration Type VERTICAL
Ground Elevation (ft) 6,342.00	Original KB/RT Elevation (ft) 6,354.00	KB-Ground Distance (ft) 12.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	

Original Hole [VERTICAL]



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Hilcorp Energy Company

Proposed P&A Procedure



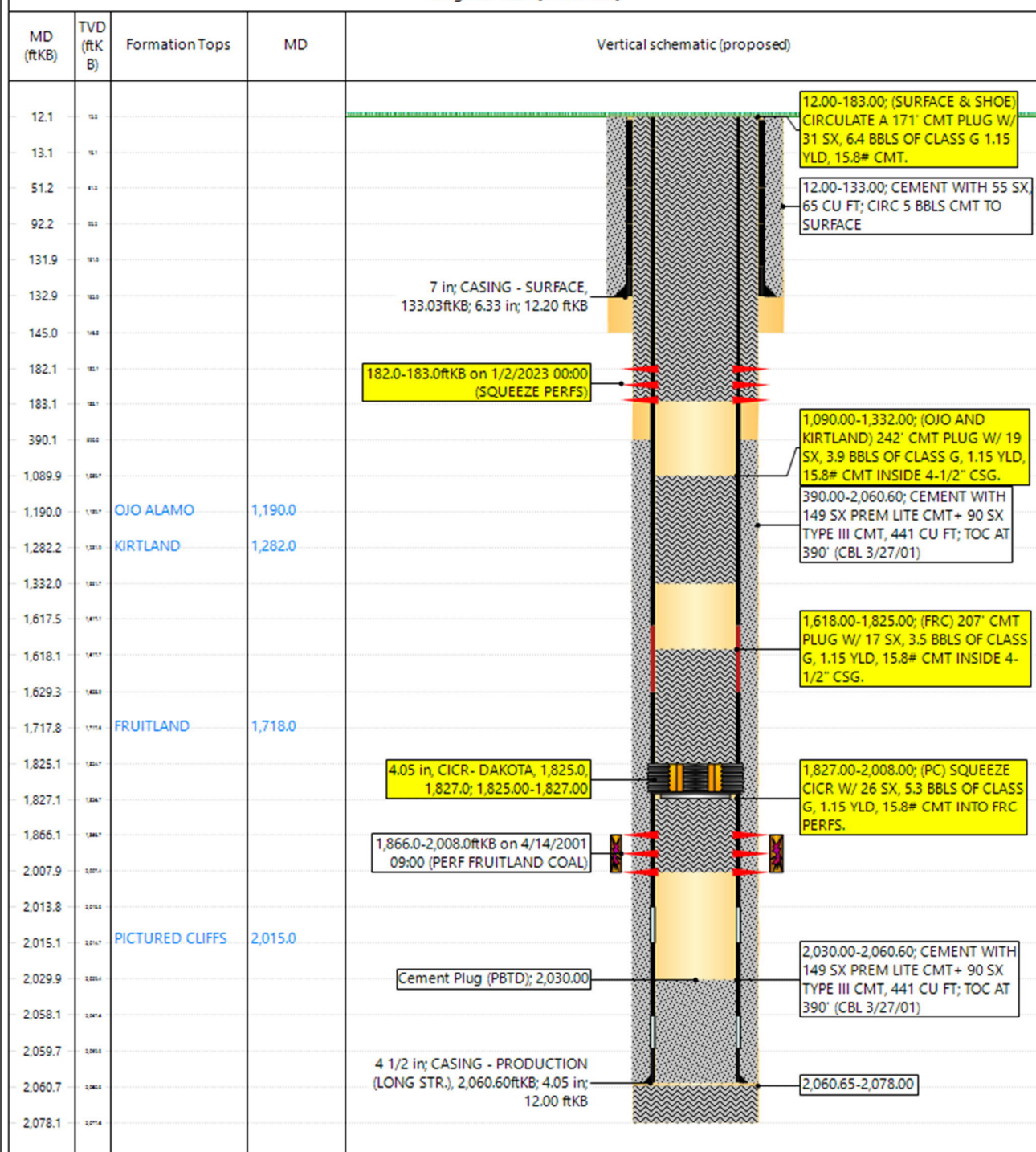
Hilcorp Energy Company

P&A Proposed Schematic

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Original Hole [VERTICAL]



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Oil Conservation Division
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Santa Fe, NM 87505

COMMENTS

Action 172023

COMMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 172023
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

COMMENTS

Created By	Comment	Comment Date
kpickford	CBL in well file	1/18/2023

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CONDITIONS

Action 172023

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	Action Number: 172023
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
kpickford	Notify NMOCD 24 Hours Prior to beginning operations	1/18/2023
kpickford	Extend plug #1 to 2030' to cover the Pictured Cliffs top @ 2015'	1/18/2023