

Submit a 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

Form C-103  
Revised July 18, 2013

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

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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.)		WELL API NO. 30-045-29430
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Hilcorp Energy Company		6. State Oil & Gas Lease No. B-11125-89
3. Address of Operator 382 Road 3100, Aztec, NM 87410		7. Lease Name or Unit Agreement Name Brookhaven Com C
4. Well Location Unit Letter <u>L</u> : <u>1650</u> feet from the <u>South</u> line and <u>910</u> feet from the <u>West</u> line Section <u>36</u> Township <u>27N</u> Range <u>8W</u> NMPM County <u>San Juan</u>		8. Well Number <u>4R</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6229' GL		9. OGRID Number 372171
		10. Pool name or Wildcat Blanco South Pictured Cliffs

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

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
DOWNHOLE COMMINGLE <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>
CLOSED-LOOP SYSTEM <input type="checkbox"/>	OTHER: <input type="checkbox"/>
OTHER: <input type="checkbox"/>	

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 Kandis Roland TITLE: Operations/Regulatory Technician-Sr. DATE 1/10/2023

Type or print name Kandis Roland E-mail address: kroland@hilcorp.com PHONE: 713-757-5246

**For State Use Only**

APPROVED BY: \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Conditions of Approval (if any):

## Hilcorp Energy Company

Proposed P&A Procedure

Well: Brookhaven Com C #4R

API: 30-045-29430

Date: 1/10/2023

Engr: M Wissing

Surface: State

Wellbore		Wt #	ID	Bottom (ft)	Bbl/ft	Drill Bit
SPUD	3/22/1997					
KB (ft)	14ft					
Surface Casing	8-5/8"	24#	8.1	142	0.06370	12-1/4"
Production Casing	3-1/2"	9.2#/ 7.7#	2.99	2540	0.00868	6-1/4"
Csg x Open hole	6.25 X 3.5	-	-	-	0.02610	
Csg Annular	8.1 X 3.5	-	-	-	0.05190	
Tubing	1-1/4" CT (12/99)			2,351 ft		
PBTD	2,500 ft					

Cement

Type	Class G	
Yield	1.15	Bbl/sx
Water	5	Gal/sx
Weight	15.8	PPG
Total Job Cmt	93	SX
Total Cmt Water	465	Gal
Csg Vol Water	19.8	Bbl

Lift Type: Coil tubing

Historic Braden Head Pressure: 0-14 psi since 2000

Rig History: 12/1999- cleaned well with coil down to 2502' CTM and landed 1.5" Coil tubing as tbg.

Slickline: none

Logs: no CBL

## Hilcorp Energy Company

### Proposed P&A Procedure

P&A Cement: All cement plugs will be Class G (5 gal/sx, 1.15 yld, 15.8#) cmt and 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 could also be used at any point during this P&A project.

### RIG P&A PROCEDURE:

- 1) Verify all wellhead valves are operatable.
- 2) Move onto well location. Check well pressures on all casing strings and record (daily). Check well for H<sub>2</sub>S and blow down well as necessary.
- 3) RD wellhead and RU BOPs. Function test BOP 1-1/4" CT pipe and blind rams.
- 4) TOOH with 2,351' of 1-1/2" CT. Pull and cut as needed with rig and LD coil string.
- 5) RU E-line and MU 3.5" csg GR. RIH and clear csg down to 2,280'.
- 6) MU 3.5" CIBP on E-line and RIH. Set at 2,275'.
- 7) RIH with 1-1/4" WS and tag CIBP. Roll hole and circulate clean.
- 8) Pressure test the casing to 550-600 psi for 10 minutes (no chart).
- 9) PLUG #1 (PC TOP @ 2,308', top PC top perf @ 2,312', FRC TOP @ 2,002')
  - a. Pump a 373' cement balanced plug from 1,902'-2,275' with 17 SXS, 3.5 BBLS of Class G, 1.15 yld, 15.8# cement inside the 3-1/2" csg.
- 10) TOOH to 1,677'.
- 11) PLUG #2 (Ojo TOP @ 1,572', Kirtland TOP @ 1,627')
  - a. Pump a 205' cement balanced plug from 1,472'-1,677' with 10 SXS, 2 BBLS of Class G, 1.15 yld, 15.8# cement inside the 3-1/2" csg.
- 12) TOOH with tbg to 192'.
- 13) PLUG #3 (Csg shoe @ 142' & Surface)
  - a. Pump a 178' cement balanced plug from surface'-192' with 8 SXS, 1.6 BBLS of Class G, 1.15 yld, 15.8# cement inside the 3-1/2" csg.
- 14) N/D BOPE.
- 15) Cut off wellhead.
- 16) Check marker joint for correct well information and weld on P&A well marker.
- 17) Top off all casing strings and whd cellar with 12+/- sx of cement.
- 18) Release rig.

# Hilcorp Energy Company

## Proposed P&A Procedure



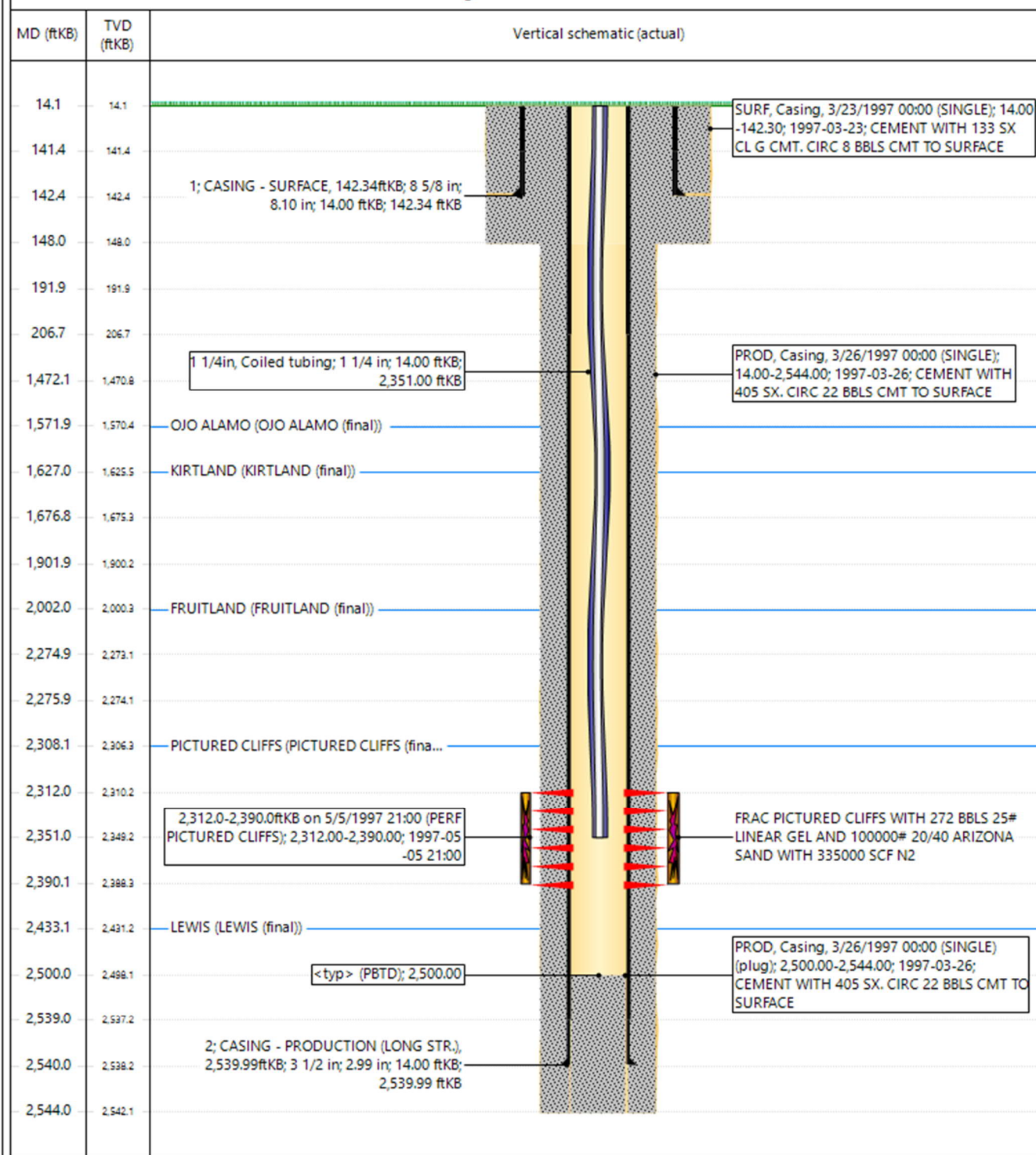
Hilcorp Energy Company

## Current Schematic - Completion Comments

Well Name: BROOKHAVEN COM C #4R

API / UWI 3004629430	Surface Legal Location 036-027N-008W-L	Field Name BLANCO P.C. SOUTH (GAS) #0074	Route 0905	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 6,229.00	Original KBRT Elevation (ft) 6,243.00	KB-Ground Distance (ft) 14.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	

## Original Hole [Vertical]



# Hilcorp Energy Company

## Proposed P&A Procedure



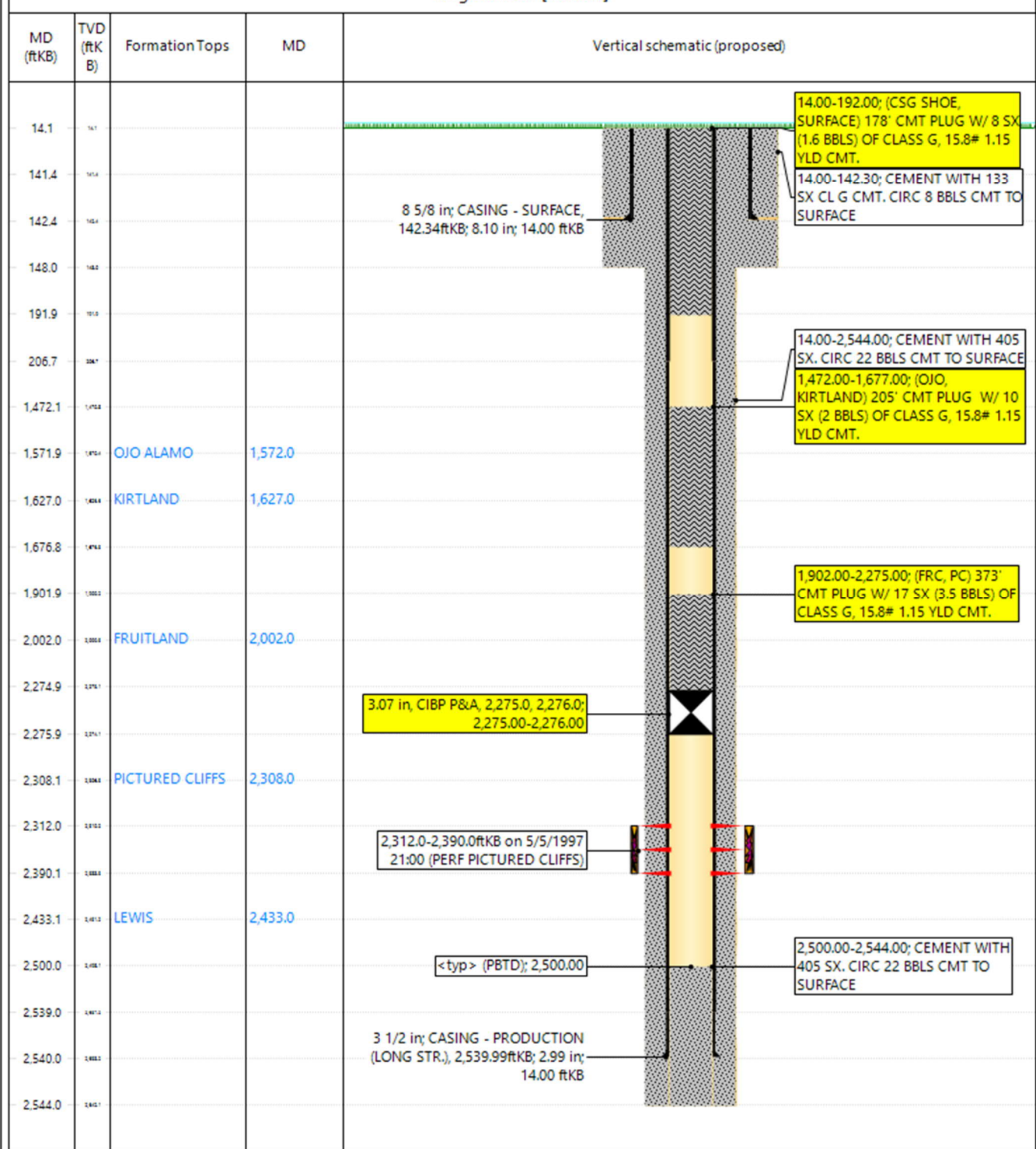
Hilcorp Energy Company

### P&A Proposed Schematic

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#### Original Hole [Vertical]





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CONDITIONS

Action 174479

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 174479
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
kpickford	Extend surface plug to 355' to cover Nacimiento top at 305'.	1/18/2023
kpickford	Notify NMOCD 24 Hours Prior to beginning operations	1/18/2023