

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

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.)		WELL API NO. 30-045-34689
1. Type of Well: Oil Well ☐ Gas Well ☒ Other		5. Indicate Type of Lease STATE ☐ FEE ☒
2. Name of Operator Hilcorp Energy Company		6. State Oil & Gas Lease No. FEE
3. Address of Operator 382 Road 3100, Aztec, NM 87410		7. Lease Name or Unit Agreement Name Masden Selby
4. Well Location Unit Letter <u>G</u> : <u>1530</u> feet from the <u>North</u> line and <u>1835</u> feet from the <u>East</u> line Section <u>28</u> Township <u>29N</u> Range <u>11W</u> NMPM County <u>San Juan</u>		8. Well Number <u>2R</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5409' GL		9. OGRID Number 372171
		10. Pool name or Wildcat Fulcher Kutz 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 ☐	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: ☐ RECOMPLETE		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 Kandis Roland TITLE: Operations/Regulatory Technician-Sr. DATE 12/13/2022

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

P&A Proposed Procedure

Well: Masden Shelby #2R

API: 30-045-34689

Date: 12/7/2022

Surface: Fee

Engr: M Wissing

Wellbore	OD	Wt #	ID	Bottom (ft)	Bbl/ft	Drill Bit
SPUD	10/10/2008					
Conductor Pipe	13-3/8"	48	12.72	135	0.15710	17-1/2"
Surface Casing	8-5/8"	24	8.41	917	0.06867	12-1/4"
Production Casing	5-1/2"	15.5	4.95	1786	0.02379	7-7/8"
Csg Annular	8-5/8" x 5-1/2"	-	-	-	0.03930	
Tubing	2-3/8"	4.6	1.995	1621	0.00386	
PBTD (ft)	1738					
Rod String	0.75 in					

Cement

Type	Class G	
Yield	1.15	Bbl/sx
Water	5	Gal/sx
Weight	15.8	PPG
Total Job Cmt	84	SX
Total Cmt Water	420	Gal

Historic Braden Head Pressure: 0 psi

Rig Well Notes: Historic scale maker on tbg string. Two cement squeeze jobs performed on 8-5/8" csg once cement in place due to influx of water flow up the 13-3/8" x 8-5/8" csg. See bond longs.

Logs: 2 CBLs during sqz work and 1 CBL once drilled. Cement to surface on bond log for 5-1/2" csg.

P&A Cement: All cement plugs include 50 ft excess volumes. 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.

Hilcorp Energy Company
P&A Proposed Procedure

RIG P&A PROCEDURE:

- 1) Move onto well location. Check well pressures on all casing strings and record (daily). Check well for H2S and blow down well as necessary.
- 2) TOOH with 3/4" rod string and insert pump (2" x 1-1/4" x 10').
 - a. Installed in 2/2014
- 3) RD wellhead and RU BOPs. Function test BOP pipe and blind rams.
- 4) Release tbg hanger and TOOH laying down the 2-3/8" tbg production string (No tbg scan).
 - a. Installed 2/2014
- 5) MU P/U 4.75" bit and scraper with 2-3/8" work string and RIH to 1,510'.
- 6) POH w/ scraper. MU 5-1/2" (4.375" OD) CICR. RIH and set at 1,502'.
- 7) Sting out of CICR. Roll the hole clean and release any trapped gas.
- 8) Pressure test the casing to 550-600 psi for 10 minutes (no chart).
- 9) PLUG #1 (TOP PERF @ 1,552', PC TOP @ 1,552')
 - a. Pump 150' cement plug with from 1,352' - 1,502' with 18 SXS, 3.7 BBLS of Class G, 1.15 yld, 15.8# cement inside the 5-1/2" csg.
- 10) TOOH to 1,100'
 - a. LD setting tool and MU tag sub if csg fails a pressure test.
- 11) PLUG #2 (FRC TOP @ 1,050' & Shoe @ 917')
 - a. Pump 283' cement plug from 817'-1,100' with 33 SXS, 6.8 bbls of Class G, 1.15 yld, 15.8# cement inside the 5-1/2" csg.
- 12) TOOH to 150'
- 13) PLUG #3 (Shoe @ 135')
 - a. Pump 175' cement plug from 11'-185' with 21 SXS, 4.3 bbls of Class G, 1.15 yld, 15.8# cement inside the 5-1/2" csg.
- 14) N/D BOPE.
- 15) Cut off wellhead.
- 16) Check marker joint for correct well information.
- 17) Tag TOC and record depth, weld on P&A well markers and top off surface casings and whd cellar with 12+/- sx of cement.
- 18) Release rig.

Hilcorp Energy Company

P&A Proposed Procedure

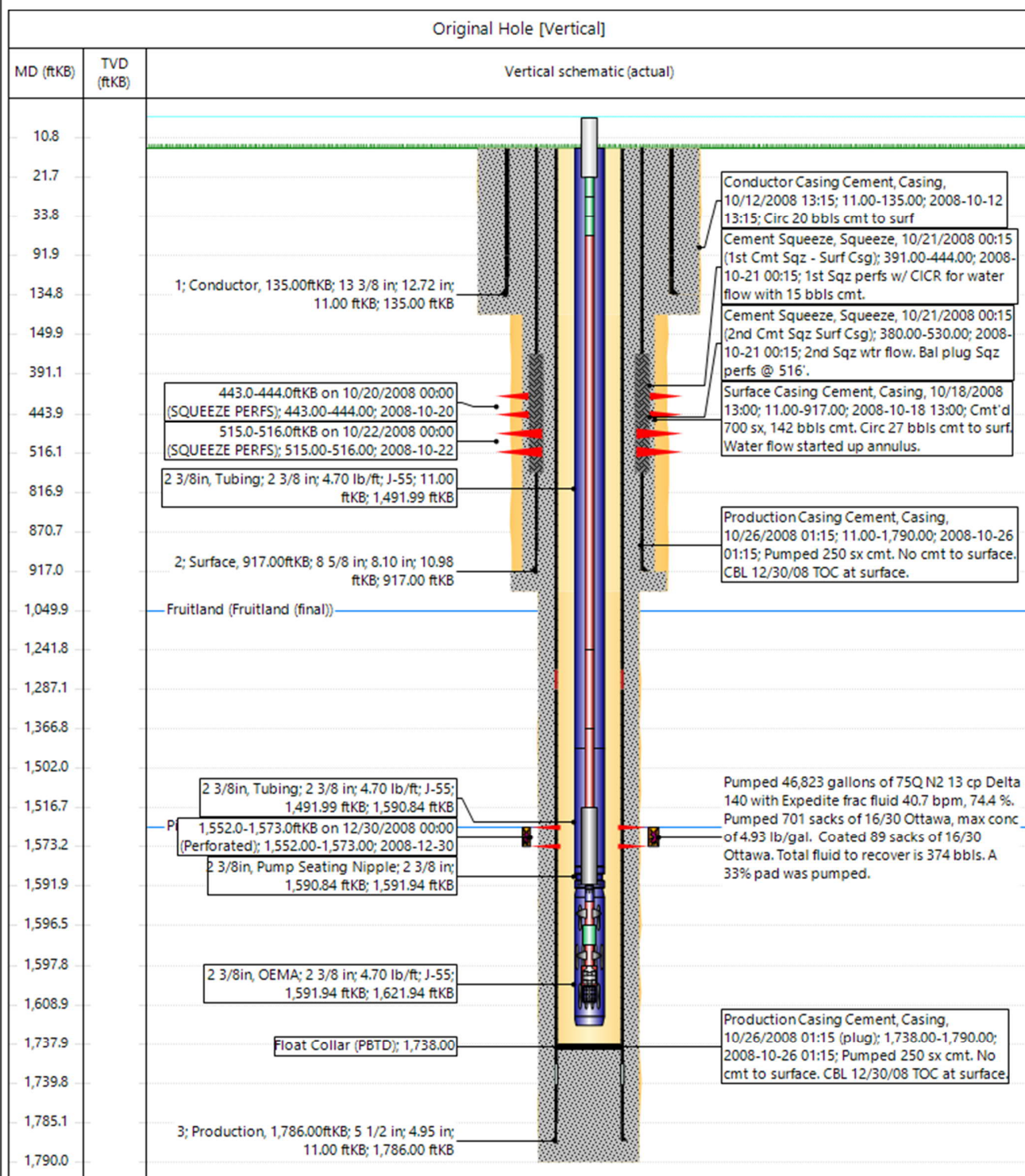


Hilcorp Energy Company

Current Schematic - Completion Comments

Well Name: MASDEN SELBY #2R

API / UWI 3004534689	Surface Legal Location T29N-R11W-S28	Field Name Fulcher Kutz PC	Route 0703	State/Province New Mexico	Well Configuration Type Vertical
Ground Elevation (ft) 5,409.00	Original KB/RT Elevation (ft) 5,420.00	KB-Ground Distance (ft) 11.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	



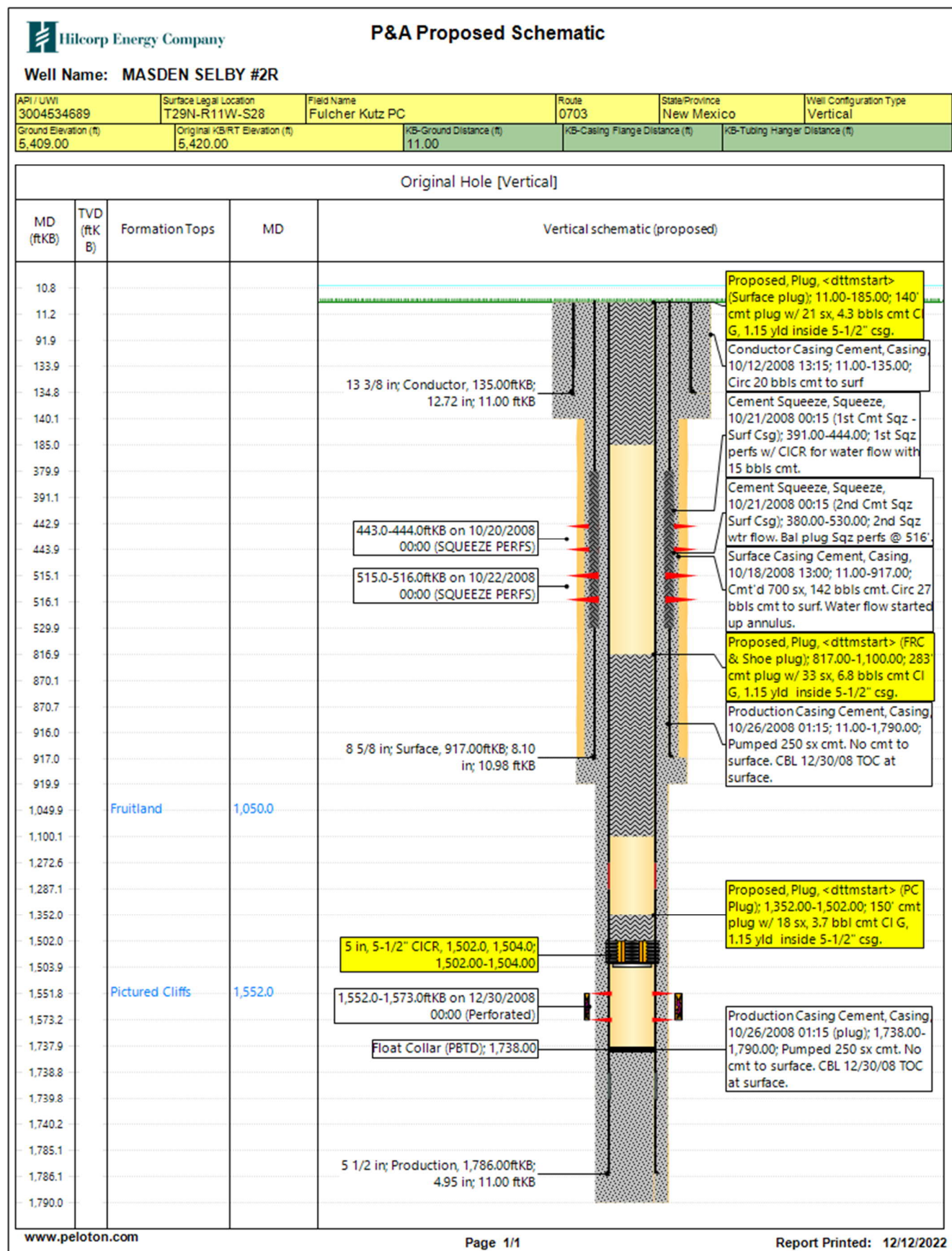
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Report Printed: 12/12/2022

Hilcorp Energy Company

P&A Proposed Procedure



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CONDITIONS

Action 166524

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 166524
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
kpickford	Notify NMOCD 24 Hours Prior to beginning operations	12/16/2022
kpickford	Extend surface plug to 280' to cover the Kirtland top @ 230' and the Ojo Alamo top @ 162'.	12/16/2022