

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

WELL API NO. 30-045-30623
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. B-10603-47
7. Lease Name or Unit Agreement Name State Com N
8. Well Number 10F
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 <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other	
2. Name of Operator HILCORP ENERGY COMPANY	
3. Address of Operator 382 Road 3100, Aztec, NM 87410	
4. Well Location Unit Letter <u>N</u> : <u>1095</u> feet from the <u>South</u> line and <u>1915</u> feet from the <u>West</u> line Section <u>02</u> Township <u>29N</u> Range <u>08W</u> NMPM San Juan County	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6248' GR	

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

NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input checked="" type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/> CLOSED-LOOP SYSTEM <input type="checkbox"/> OTHER: <input type="checkbox"/>		SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> OTHER: <input type="checkbox"/>	
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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 11/3/2021

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):

Plug and Abandonment - NOI**State Com N 10F****API # - 3004530623****Procedure:**

Hold PJSM prior to beginning any and all operations. Properly document all operations via the JSA process. Ensure that all personnel onsite abide by HEC safety protocol, including PPE, housekeeping, and standard guidelines.

Verify cathodic protection is off and wellhead instrumentation is properly disconnected from the wellhead. Comply with all NMOCD, BLM, and HEC safety and environmental regulations.

Verify there is no H₂S present prior to beginning operations. If any H₂S is present, take the necessary actions to ensure that the location is safe prior to beginning operations.

Observe and record pressures across all string daily, prior to beginning operations.

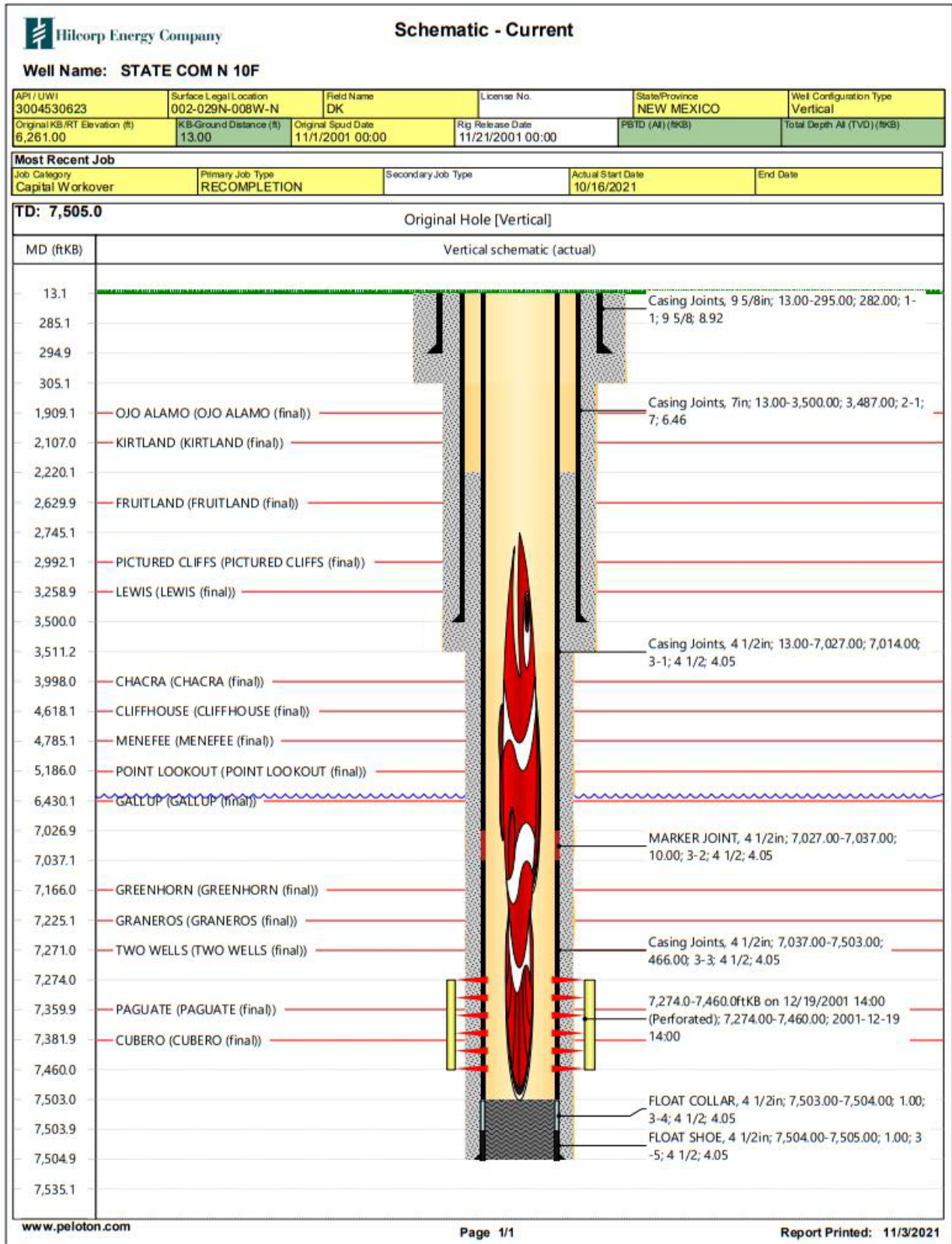
Remember to notify NMOCD 24 hours prior to starting operations on location.

NOTE: This procedure is contingent upon P&A sundry approval by NMOCD. All cement volumes use 100% excess outside pipe and 50' excess inside (100' between pipe or unless otherwise stated). All cement will be Class G, mixed at 15.8 ppg w/ a 1.15 cf/sx yield. The stabilizing wellbore fluid will be an 8.3 ppg fluid, sufficient to balance all exposed formation pressures.

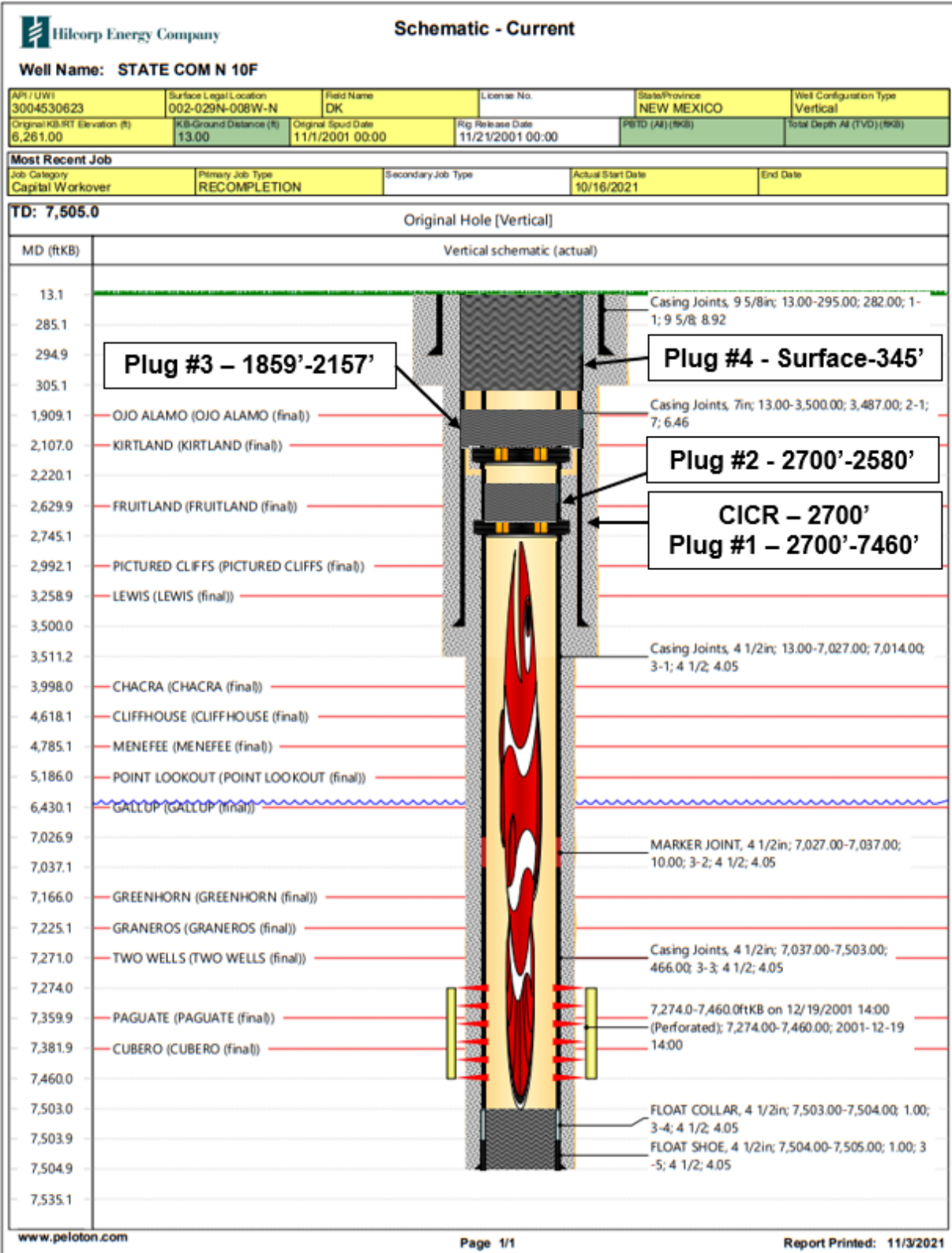
1. This project will use a steel tank to handle waste fluids circulated from the well and cement wash up.
2. Test anchors if not using a base beam. Comply with all NMOCD, BLM, and HEC safety regulations. MIRU and conduct safety meeting for all personnel on location.
3. Record casing, tubing, and bradenhead pressures. Remove existing piping on casing valve. RU blow lines from casing valves and begin BD casing pressure. Kill well with water as necessary. Ensure well is dead or on a vacuum.
4. ND wellhead and NU BOP. Function test BOP. RU floor and 2 3/8" handling tools.
5. PU J-55 2-3/8" work string from float (2680').
6. TIH w/ CICR and set at 2680'. PT tbg to 500 psi. (CBL shows TOC at 2220').
7. **Plug #1, 7460' – 2680' (Dakota Perforations: 7274' – 7460' Dakota Top: 7166' Gallup Top: 6430' Mesa Verde Top: 4618' Chacra Top: 3998' Lewis Top: 3259 Pictured Cliffs Top: 2992')**. Begin pumping cement from CICR at 2680' to bottom. (Fill tag at 7460', CICR at 2680'). Pump 2x capacity which is roughly 490 sacks. We will plan to pump this volume or until we lock up, whichever occurs first.

8. **Plug #2, 2680' – 2580' (Fruitland Coal Top: 2630')** Mix & pump 8 sxs of class G cement and spot plug on top of CICR to cover Fruitland Coal top.
9. LD tubing string.
10. RU WL and perforate at 2160'. Establish injection rate.
11. TIH w/ 2-3/8" work string to 2107' and set CICR.
12. **Plug #3, 2160' – 1859' (Kirtland Top: 2107' Ojo Alamo Top: 1909')** Mix & pump 54 sxs of Class G cement and pump an inside outside plug to cover the Kirtland and Ojo Alamo tops.
13. LD tubing string.
14. RU WL and perforate at 345'. Establish injection rate.
15. **Plug #4, 345' - Surface (Surface Shoe: 295')** Bullhead 62 sxs of Class G cement and pump an inside outside plug to cover the surface casing shoe. Verify good returns to surface.
16. Ensure we have no pressure on BHD or intermediate strings before cutting off the wellhead.
17. ND BOP and cut off wellhead below surface casing flange per regulation. Top off w/ cement if needed. Install PxA marker w/ cement to comply w/ regulations.
18. RD, MOL and cut off anchors. Restore location per stipulations.

Current Schematic



Proposed Schematic



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District IV

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Phone:(505) 476-3470 Fax:(505) 476-3462

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COMMENTS

Action 59784

COMMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 59784
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

COMMENTS

Created By	Comment	Comment Date
kpickford	KP GEO Review 11/3/2021	11/3/2021

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

Created By	Condition	Condition Date
kpickford	Notify NMOCD 24 Hours Prior to beginning operations	11/3/2021
kpickford	Add a plug 670-570 to cover the Nacimiento top @ 620.	11/3/2021