

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

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.
1. Type of Well: Oil Well ☐ Gas Well ☐ Other ☐		5. Indicate Type of Lease STATE ☐ FEE ☐
2. Name of Operator		6. State Oil & Gas Lease No.
3. Address of Operator		7. Lease Name or Unit Agreement Name
4. Well Location Unit Letter _____: _____ feet from the _____ line and _____ feet from the _____ line Section _____ Township _____ Range _____ NMPM _____ County _____		8. Well Number
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number
		10. Pool name or Wildcat

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: ☐		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.

**Condition of Approval: notify
 OCD Hobbs office 24 hours
 prior of running MIT Test & Chart**

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 alicia fulton TITLE _____ DATE _____

Type or print name _____ E-mail address: _____ PHONE: _____

For State Use Only

APPROVED BY: Kerry Fortner TITLE Compliance Officer A DATE 7/11/23
 Conditions of Appro _____

NEDU 510 API #30-025-20218

Objective: Convert to Drinkard Injector

Scenario 1: Dual Packer Isolation

1. POOH w/ rods and tubing.
2. RIH w/ 7" bit and scraper to the top of 4.5" liner at 5,998'.
3. RIH w/ 7" RBP and pkr.
4. Test 7" csg to 500 psi. If casing fails pressure test, squeeze leak.
 - a. If no injectivity can be established into squeeze, plan to run 4.5" liner.
5. CO to PBTB at 6,764'.
6. RIH w/4.5" RBP and packer; set RBP at 6450'.
7. Set at 6210'. Attempt to establish injection rate into Tubb perms.
 - a. If Tubb perms don't hold, consider cement squeeze
8. Set RBP at 6220-6230'
9. MIRU wireline. Run casing inspection log and cement bond log from 6,464' to surface.
10. RIH w/ wireline and selectively perforate Drinkard formation from 6468'-6690' (actual depths TBD). POOH.
11. RIH w/ treating packer and set at 6450'.
12. Acid stimulate Drinkard.
13. MIRU wireline. RIH w/ 4-1/2" permanent packer and set in good casing between Blinbry and Drinkard (Depth dependent on casing inspection log).
14. PU necessary amount of 2-3/8" IPC externally coated tubing w/ 7" hydraulic packer on top and tie into permanent packer. Set hydraulic packer at ~5600'. Test casing to 500 psi.
15. Perform MIT for NMOCD.
16. Open well up for injection.

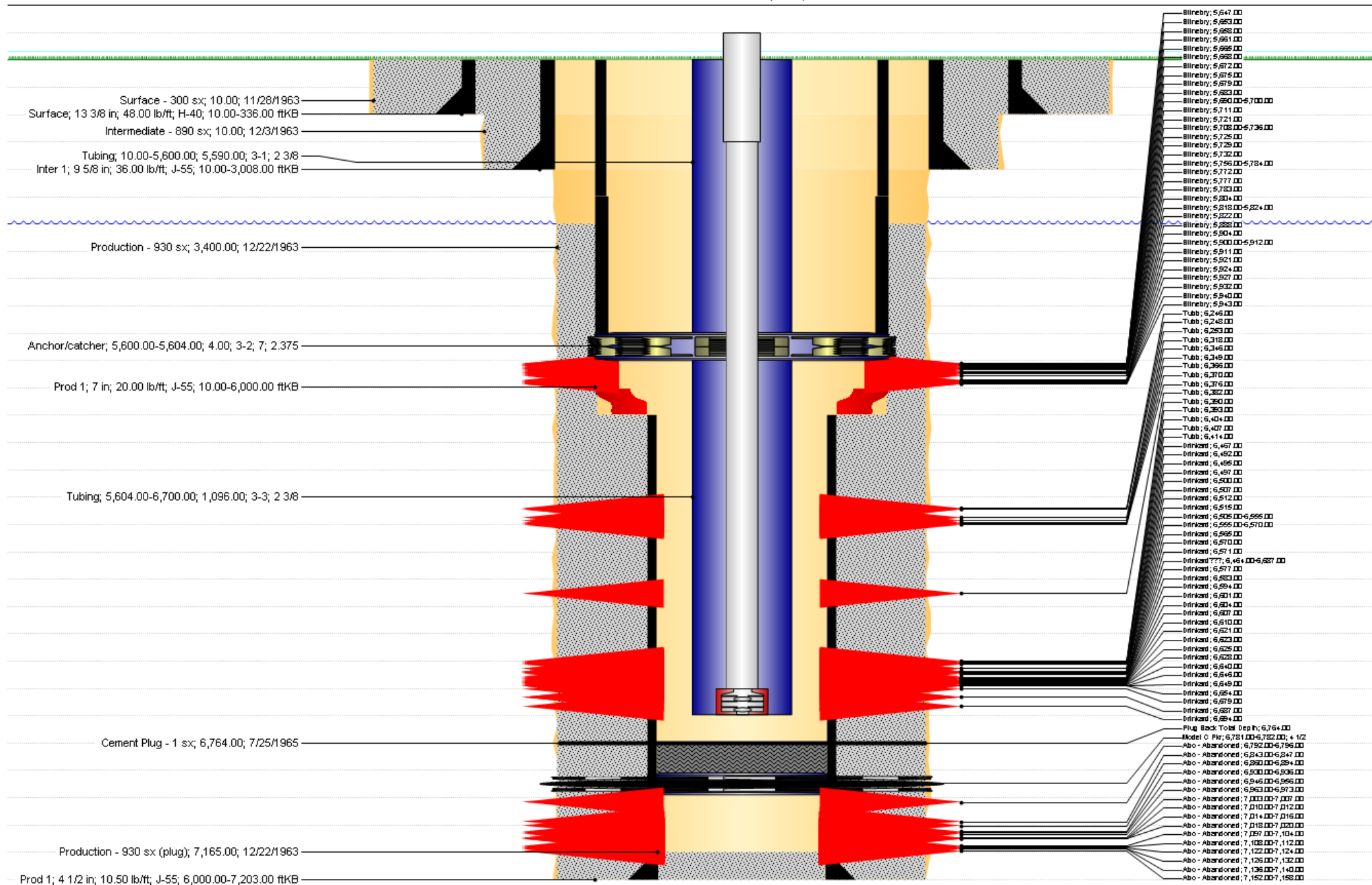
Scenario 2: Cement 4.5" liner from Blinebry to Surface

1. POOH w rods and production tubing.
2. RIH w/7" bit and scraper and run to 4.5" taper at 5998'.
3. RIH w/ 3-7/8" drill bit and clean out 4-1/2" casing to 6750'. POOH.
4. RIH w/ 4-1/2" RBP and packer.
5. Set RBP below Tubb perms around 6450'.
6. Set packer at 6210'. Attempt to establish injection rate into Tubb perms.
 - If injection rate established, plan to cement squeeze Tubb perms.
7. PU and set RBP at 6220-6230'.
8. Set packer just below 7" X-Over at around 6000'.
9. Test 4-1/2" casing to 500 psi. POOH w/ 4-1/2" packer and RBP.
10. RIH and set 4-1/2" composite bridge plug just below 7" crossover ~6020'
11. MIRU casing crew. PU float shoe, float collar and ~ 6000' of 4.5" casing and tag 7" - 4.5" X-Over at ~6,000'.
12. Cement 4 1/2" csg.
13. Cut casing and install 4-1/2" wellhead.
14. Pressure test casing to 1,500 psi.
15. Run CBL from float collar to surface.
16. Drill out shoe track and composite plug.
17. Selectively perforate Drinkard formation from 6468'-6690' (Depths TBD).
18. RIH w/ 4-1/2" treating packer and set ~50' above top perf.
19. Acid stimulate Drinkard with 15% HCl.
20. RIH w 4-1/2" injection packer and ~6450' of 2-3/8" IPC tubing. Set packer within 20' of top perf.
21. Test casing to 500 psi.
22. Perform MIT.

Current WBD

Production, NE DRINKARD UNIT #510 - Original Hole, 11/2/2022 4:06:11 PM

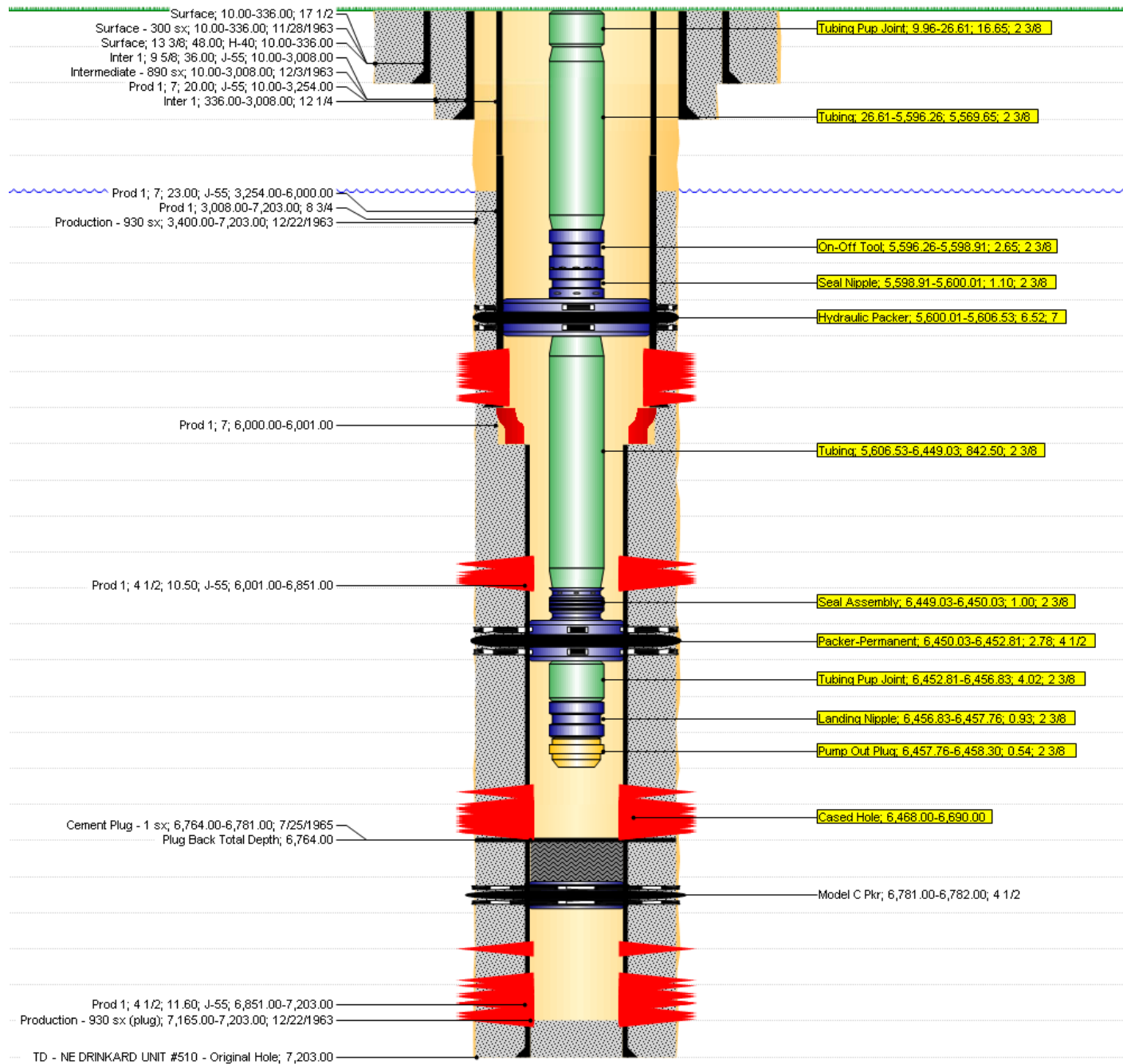
Vertical schematic (actual)



Proposed WBD Scenario 1

Production, NE DRINKARD UNIT #510 - Original Hole, 11/15/2022 3:57:31 PM

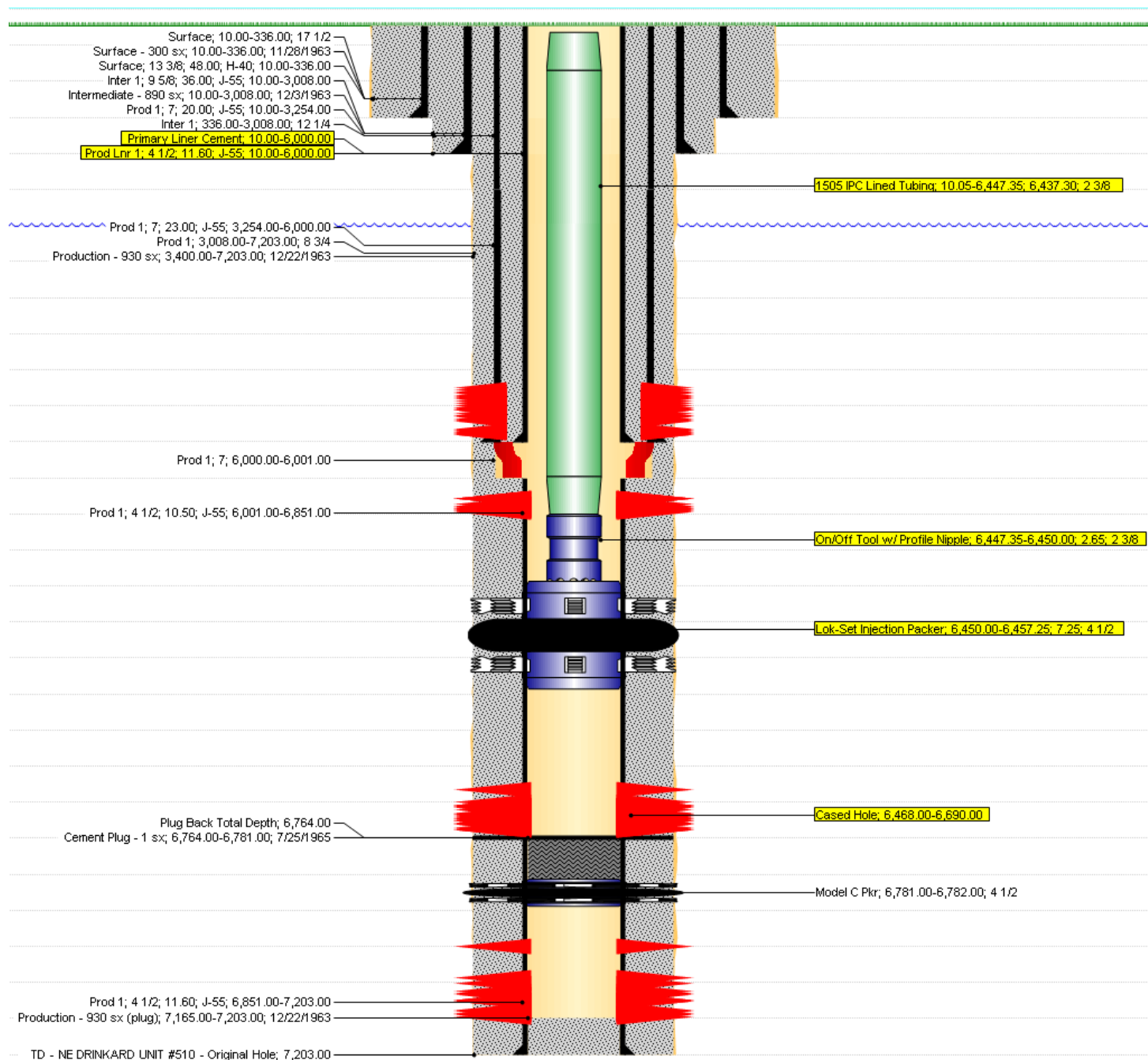
Vertical schematic (proposed)



Proposed WBD Scenario 2

Production, NE DRINKARD UNIT #510 - Original Hole, 11/15/2022 4:36:22 PM

Vertical schematic (proposed)



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CONDITIONS

Action 213327

CONDITIONS

Operator: APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705	OGRID: 873
	Action Number: 213327
	Action Type: [C-103] NOI Workover (C-103G)

CONDITIONS

Created By	Condition	Condition Date
kfortner	Run PWOT MIT/BHT	7/11/2023