

Submit 3 Copies 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 Rs., 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. 30-039-23550
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. E80915
7. Lease Name or Unit Agreement Name CANYON LARGO UNIT NP
8. Well Number 182
9. OGRID Number 372171
10. Pool name or Wildcat GL - DEVILS FORK GALLUP ASSOC

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 **P** Footage **790' FSL & 790' FEL**
 Section **02** Township **024N** Range **007W** **RIO ARRIBA COUNTY**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
6648' GR

12. CHECK APPROPRIATE BOX(ES) 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 amend the previous approved TA NOI to a partial P&A for the subject well as outlined in the attached procedure and current/proposed wellbore schematic. If the partial P&A is unsuccessful, HEC will plug and abandon the well, the contingent P&A is outlined in the procedure. A closed-loop system will be used. The lease is being held by other production.

Spud Date: **9/22/1984**

Rig Released Date:

I hereby certify that the information above is true and correct to the best of my knowledge and belief.

SIGNATURE Priscilla Shorty **TITLE** Operations/Regulatory Tech - Sr. **DATE** 6/7/2024

Type or print name Priscilla Shorty **E-mail address:** pshorty@hilcorp.com **PHONE:** 505.324.5188

APPROVED BY: _____ **TITLE** _____ **DATE** _____

Conditions of Approval (if any):



HILCORP ENERGY COMPANY
CANYON LARGO UNIT NP 182
TA NOI

API #: 3003923550

JOB PROCEDURES

1. Contact NMOCD and BLM (where applicable) 24 hours prior to MIRU.
2. Hold pre-job safety meeting. Verify cathodic is off. Comply with all NMOCD, BLM, and HEC safety and environmental regulations.
3. MIRU service rig and associated equipment. NU and test BOP.
4. *Note all subsequent plugs are based on **CBL run 2024-06-06**.
5. TIH w/ work string and sting into **4-1/2"** CICR set @ **5,492'**. Establish injection.
6. **PLUG #1: 79sx of Class G Cement (15.8 PPG, 1.15 yield); GAL Perfs @ 5,542' | GAL Top @ 5,537' | DV Tool #1 Top @ 4,960' | MCS Top @ 4,680'**: Pump 8sx of cement beneath the 4-1/2" CICR (est. **TOC @ +/- 5,492'** & est. **BOC @ +/- 5,587'**). Pump a 71 sack balanced cement plug on top of the CICR. (est. **TOC @ +/- 4,580'** & est. **BOC @ +/- 5,492'**). Wait on Cement for 4 hours, tag TOC w/ work string. *Note cement plug lengths & volumes account for excess.
7. Load the well as needed. Pressure test the casing above the plug to **560 psig**.
8. POOH w/ work string.
9. Set a **4-1/2"** CICR or CIBP at **+/- 3,820'**.
10. Load the well as needed. Pressure test the casing above the plug to **560 psig**.
11. **PLUG #2: 113sx of Class G Cement (15.8 PPG, 1.15 yield); MV Top @ 3,770' | CHC Top @ 3,035'**: Pump a 113 sack balanced cement plug inside the 4-1/2" casing (est. **TOC @ +/- 2,375'** & est. **BOC @ +/- 3,820'**). Wait on Cement for 4 hours, tag TOC w/ work string. *Note cement plug lengths & volumes account for excess.
12. Load the well as needed. Perform an charted and witnessed MIT by pressure test the casing above the plug to **560 psig**.
13. **If the MIT passes, TA completed. POOH w/ work string. RDMO service rig.**
14. **If the MIT fails, proceed with final P&A operations as follows:**
15. POOH w/ work string to **+/- 2,254'**.
16. **PLUG #3: 63sx of Class G Cement (15.8 PPG, 1.15 yield); PC Top @ 2,204' | FRD Top @ 1,910' | KRD Top @ 1,716' | OJO Top @ 1,550'**: Pump a 63 sack balanced cement plug inside the 4-1/2" casing (est. **TOC @ +/- 1,450'** & est. **BOC @ +/- 2,254'**). Wait on Cement for 4 hours, tag TOC w/ work string. *Note cement plug lengths & volumes account for excess.
17. POOH w/ work string. TIH & perforate squeeze holes @ **+/- 730'**. RIH w/ **4-1/2"** CICR and set CICR @ **+/- 680'**. TIH w/ work string & sting into CICR. Establish injection.
18. **PLUG #4: 52sx of Class G Cement (15.8 PPG, 1.15 yield); NAC Top @ 680'**: Pump 40sx of cement in the 4-1/2" casing X 7-7/8" open hole annulus (est. **TOC @ +/- 530'** & est. **BOC @ +/- 730'**). Pump an additional 4sx of cement beneath the 4-1/2" CICR (est. **TOC @ +/- 680'** & est. **BOC @ +/- 730'**). Sting out of retainer, pump an 8 sack balanced cement plug on top of the CICR. (est. **TOC @ +/- 580'** & est. **BOC @ +/- 680'**). WOC for 4 hrs, tag TOC w/ work string. *Note cement plug lengths and volumes account for excess.
19. TOOH w/ work string. TIH and perforate squeeze holes @ **+/- 220'**. TIH with tubing/work string. ***Note we are deciding to perforate @ 220' because there is no cement bond at that depth. There is cement bond 50' below the surface casing shoe @ 262'**.
20. **PLUG #5: 69sx of Class G Cement (15.8 PPG, 1.15 yield); Surf. Casing Shoe @ 212'**: Pump 2sx of cement in the 4-1/2" casing X 7-7/8" open hole annulus (est. **TOC @ +/- 212'** & est. **BOC @ +/- 220'**). Continue pumping 46sx of cement in the 4-1/2" casing X 8-5/8" casing annulus (est. **TOC @ +/- 0'** & est. **BOC @ +/- 212'**). Pump a 21 sack balanced cement plug inside the 4-1/2" casing (est. **TOC @ +/- 0'** & est. **BOC @ +/- 262'**). WOC for 4 hrs, tag TOC w/ work string.
21. ND BOP, cut off casing below casing flange. Top off cement in surface casing annulus, if needed. Install a P&A marker with cement to comply with regulations. Rig down, move off location, cut off anchors, and restore location.



HILCORP ENERGY COMPANY
CANYON LARGO UNIT NP 182
TA NOI

CANYON LARGO UNIT NP 182 - CURRENT WELLBORE SCHEMATIC

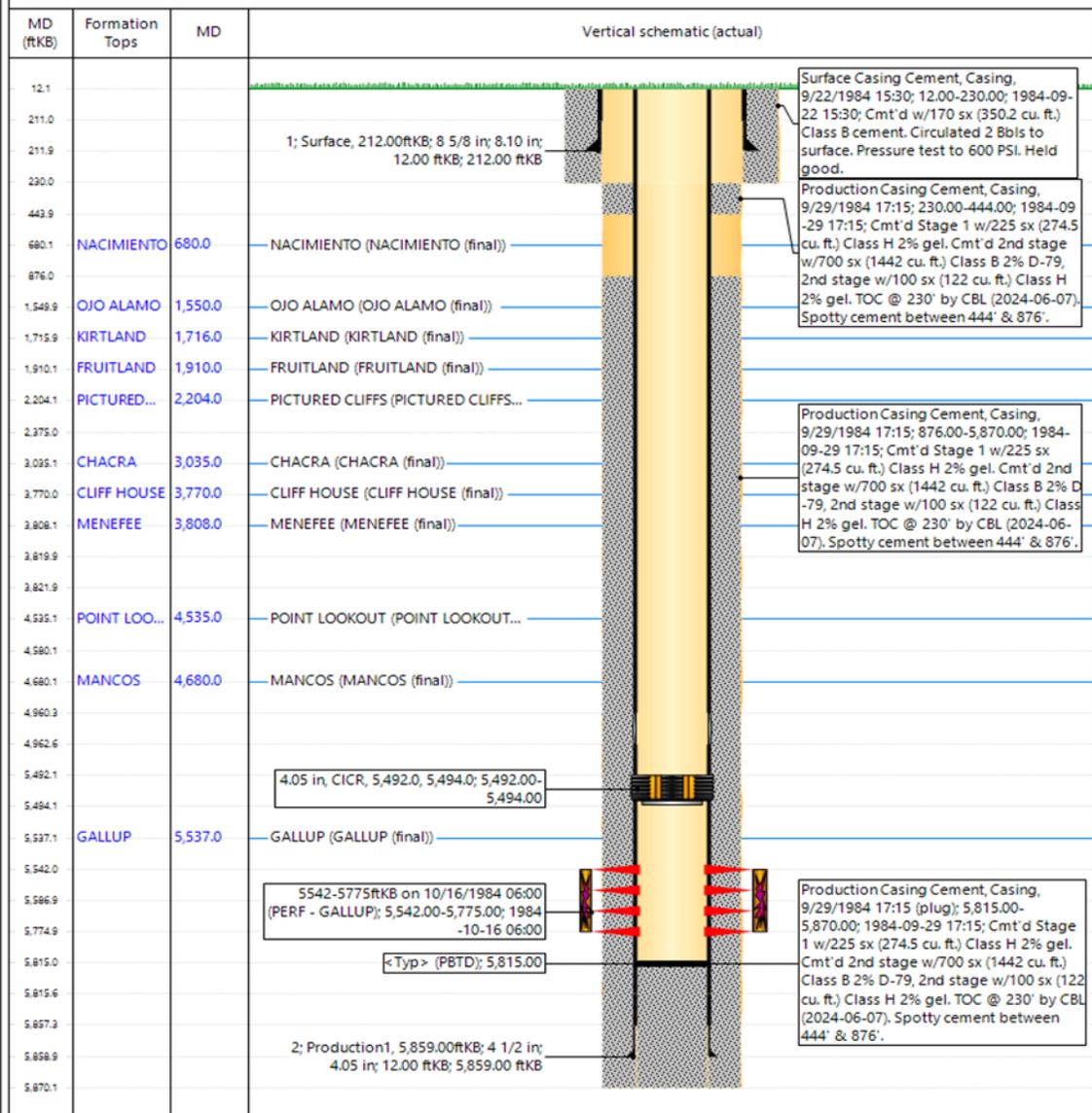


P&A WBD - Current Schematic

Well Name: CANYON LARGO UNIT NP #182

API / UWI 3003923550	Surface Legal Location P-2-24N-7W	Field Name	Route 1409	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 6,648.00	Original KBRT Elevation (ft) 6,660.00	Tubing Hanger Elevation (ft)	KB to GL (ft) 12.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)

Original Hole [Vertical]





HILCORP ENERGY COMPANY
CANYON LARGO UNIT NP 182
TA NOI

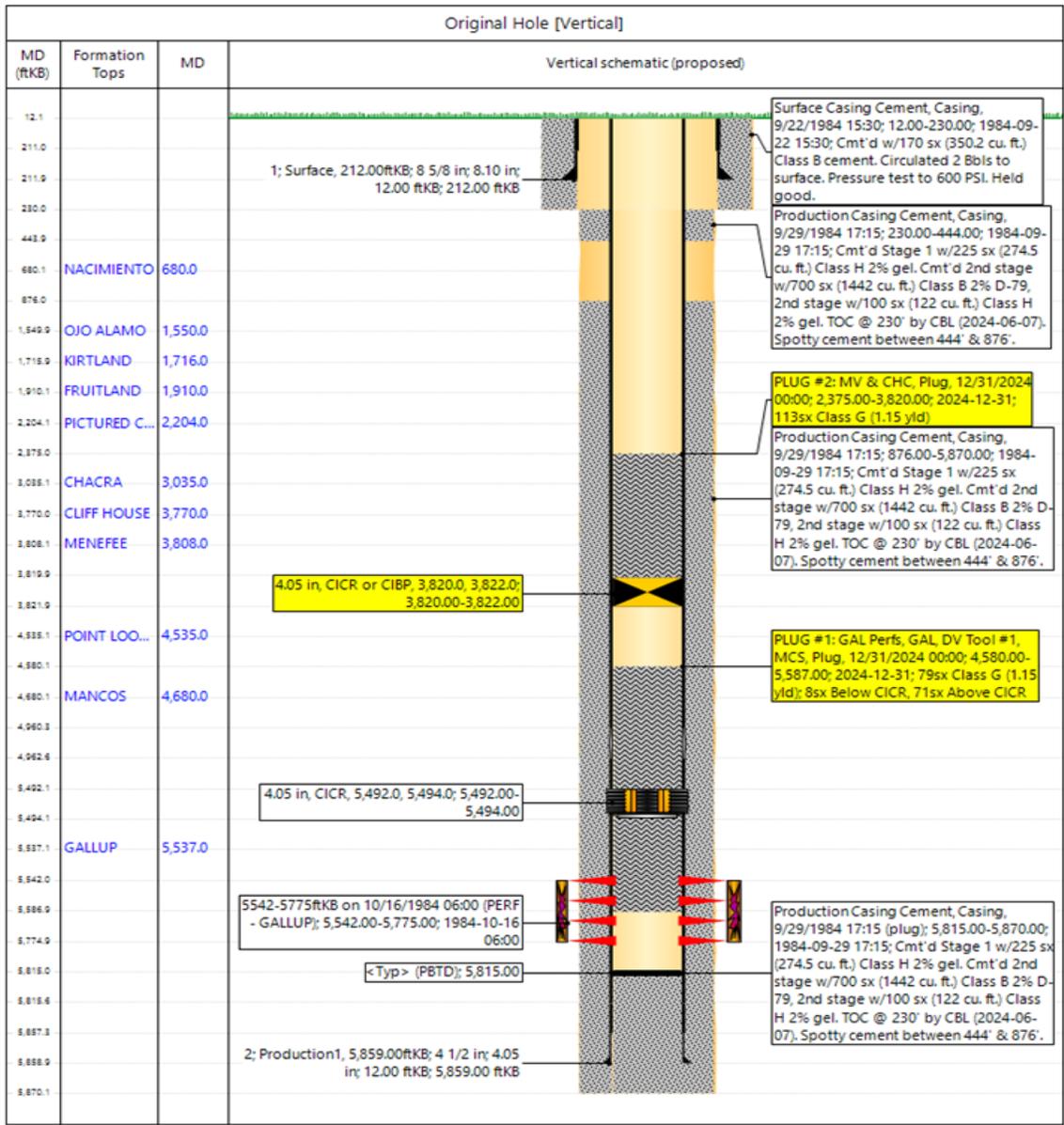
CANYON LARGO UNIT NP 182 - PROPOSED TA WELLBORE SCHEMATIC



P&A WBD - Proposed Schematic

Well Name: CANYON LARGO UNIT NP #182

API / UWI 3003923650	Surface Legal Location P-2-24N-7W	Field Name	Route 1409	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 6,648.00	Original KBRT Elevation (ft) 6,660.00	Tubing Hanger Elevation (ft)	RKB to GL (ft) 12.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)





HILCORP ENERGY COMPANY
CANYON LARGO UNIT NP 182
TA NOI

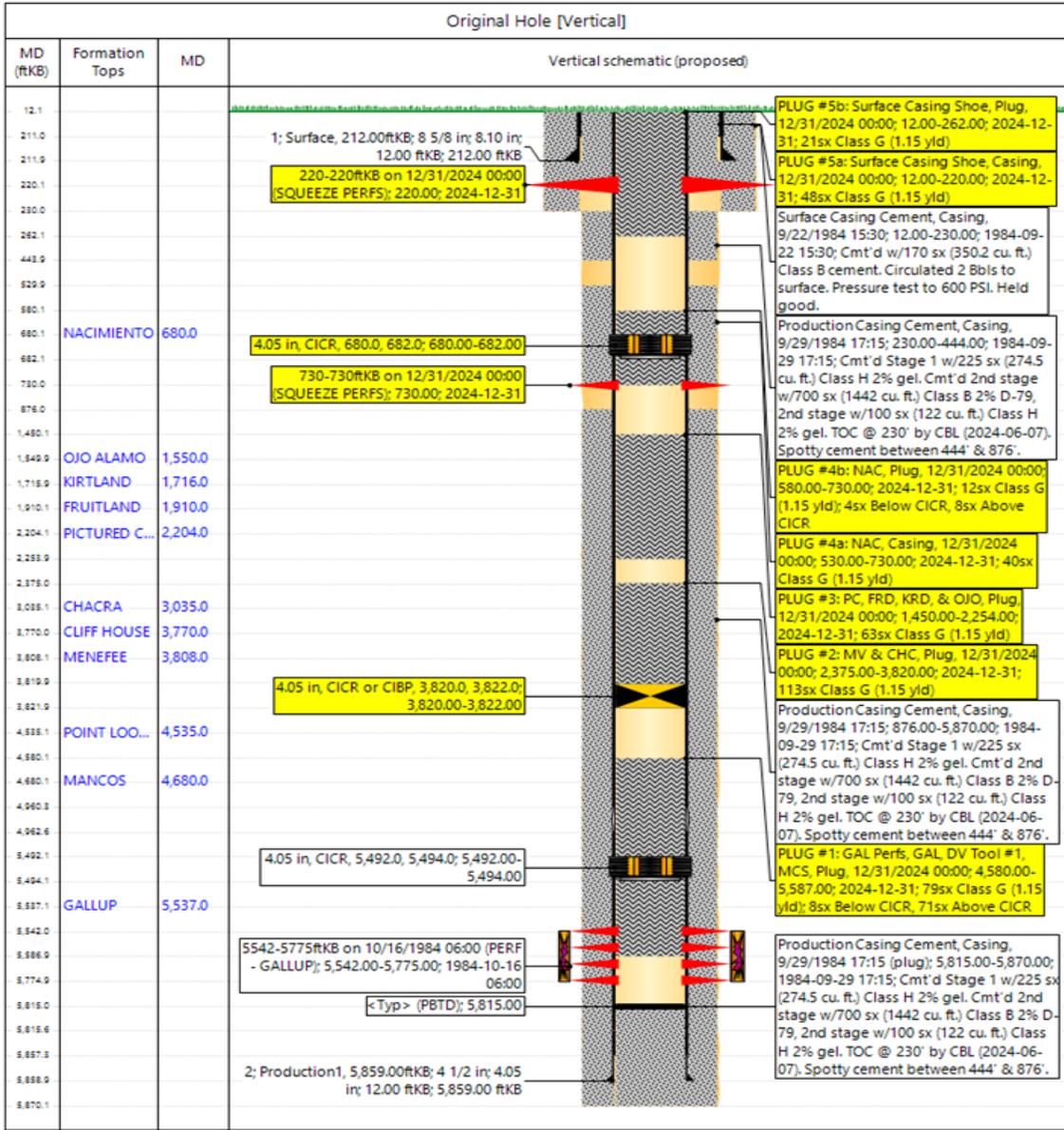
CANYON LARGO UNIT NP 182 - PROPOSED P&A WELLBORE SCHEMATIC



P&A WBD - Proposed Schematic

Well Name: **CANYON LARGO UNIT NP #182**

API / UWI 3003923650	Surface Legal Location P-2-24N-7W	Field Name	Route 1409	State/Province NEW MEXICO	Well Configuration Type Vertical
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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS
 Action 352165

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 352165
	Action Type: [C-103] NOI Temporary Abandonment (C-103I)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	Notification is not necessary already on location - If pressure on bradenhead at kirtland combined plug will need to separate out - Monitor string pressures daily - report on subsequent.	6/7/2024