

Santa Fe Main Office  
Phone: (505) 476-3441  
General Information  
Phone: (505) 629-6116

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
Revised July 18, 2013

Online Phone Directory Visit:  
<https://www.emnrd.nm.gov/ocd/contact-us/>

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

<p><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.)</p>		WELL API NO.
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
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
		9. OGRID Number
		10. Pool name or Wildcat
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		

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

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

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 \_\_\_\_\_ DATE \_\_\_\_\_

Type or print name \_\_\_\_\_ E-mail address: \_\_\_\_\_ PHONE: \_\_\_\_\_

**For State Use Only**

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

Conditions of Approval (if any):

# HILCORP ENERGY COMPANY

## EMPIRE ABO UN #372

### P&A NOI



API #:	3001522203
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#### 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. Set a 5-1/2" CIBP or CICR at +/- 5,652' to isolate the ABO Perfs.
5. Load the well as needed. Pressure test the casing above the plug to 500 psig for 30 min.
6. RU Wireline. Run CBL from +/- 5,652 to surface. Record Top of Cement. All subsequent plugs below are subject to change pending CBL results.
7. TIH w/ work string to +/- 5,652'.
8. **PLUG #1: 17sx of Class C Cement ( PPG, 1.22 yield); ABO Perfs @ 5,702' | ABO Top @ 5,894':**  
Pump a 17 sack balanced cement plug inside the 5-1/2" casing (est. TOC @ +/- 5,502' & est. BOC @ +/- 5,652'). WOC for 4 hrs, tag TOC w/ work string. \*Note cement plug lengths & volumes account for excess.
9. POOH w/ work string to +/- 4,262'.
10. **PLUG #2: 72sx of Class C Cement ( PPG, 1.22 yield); DV Tool #1 Top @ 4,212' | GL Top @ 3,710':**  
Pump a 72 sack balanced cement plug inside the 5-1/2" casing (est. TOC @ +/- 3,610' & est. BOC @ +/- 4,262'). \*Note cement plug lengths & volumes account for excess.
11. POOH w/ work string to +/- 2,241'.
12. **PLUG #3: 17sx of Class C Cement ( PPG, 1.22 yield); SA Top @ 2,191':**  
Pump a 17 sack balanced cement plug inside the 5-1/2" casing (est. TOC @ +/- 2,091' & est. BOC @ +/- 2,241'). \*Note cement plug lengths & volumes account for excess.
13. POOH w/ work string to +/- 1,488'.
14. **PLUG #4: 17sx of Class C Cement ( PPG, 1.22 yield); QN Top @ 1,438':**  
Pump a 17 sack balanced cement plug inside the 5-1/2" casing (est. TOC @ +/- 1,338' & est. BOC @ +/- 1,488'). \*Note cement plug lengths & volumes account for excess.
15. POOH w/ work string. TIH & perforate squeeze holes @ +/- 800'. TIH w/ work string to +/- 800'. Establish circulation.
16. **PLUG #5: 80sx of Class C Cement ( PPG, 1.22 yield); Surf. Casing Shoe @ 750' | YT Top @ 606':**  
Pump 8sx of cement in the 5-1/2" casing X 7-7/8" open hole annulus (est. TOC @ +/- 750' & est. BOC @ +/- 800'). Continue pumping 39sx of cement in the 5-1/2" casing X 8-5/8" casing annulus (est. TOC @ +/- 506' & est. BOC @ +/- 750'). Pump a 33 sack balanced cement plug inside the 5-1/2" casing (est. TOC @ +/- 506' & est. BOC @ +/- 800'). WOC for 4 hrs, tag TOC w/ work string. \*Note cement plug lengths and volumes account for excess.
17. POOH w/ work string. TIH & perforate squeeze holes @ +/- 175'. Establish circulation.
18. **PLUG #6: 48sx of Class C Cement ( PPG, 1.22 yield); Surface Plug:**  
Pump 28sx of cement in the 5-1/2" casing X 8-5/8" casing annulus (est. TOC @ +/- 0' & est. BOC @ +/- 175'). Pump a 20 sack balanced cement plug inside the 5-1/2" casing (est. TOC @ +/- 0' & est. BOC @ +/- 175'). WOC for 4 hrs, tag TOC w/ work string. \*Note cement plug lengths and volumes account for excess.
19. ND BOP, cut off Wellhead. 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.

Formation	Top Depth (Ft)
Yates	606
Queen	1438
San Andres	2191
Gorieta	3710
Abo	5894

# HILCORP ENERGY COMPANY

## EMPIRE ABO UN #372

### P&A NOI

## EMPIRE ABO UN #372 - CURRENT WELLBORE SCHEMATIC



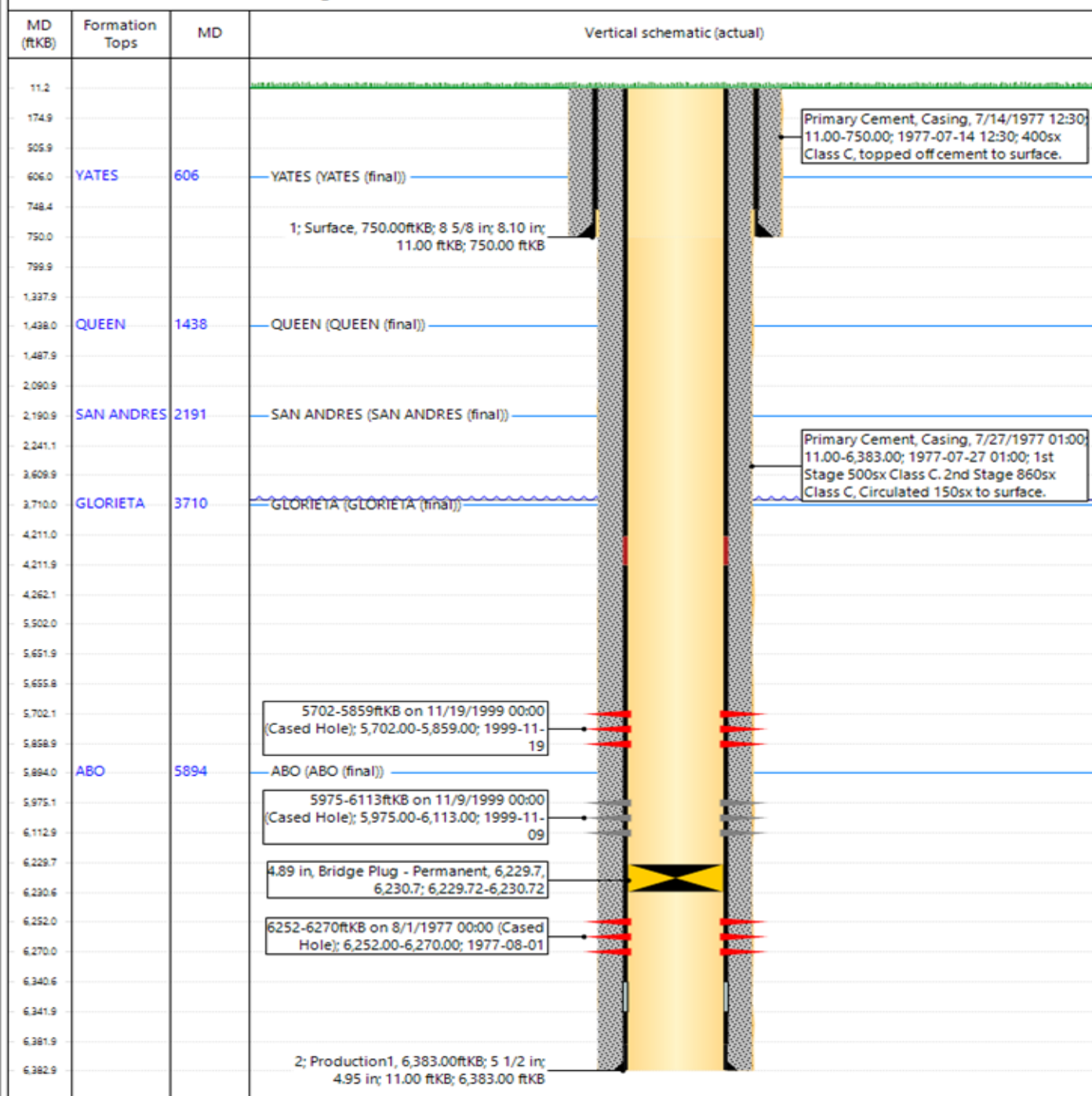
Hilcorp Energy Company

## P&amp;A WBD - Current Schematic

Well Name: EMPIRE ABO UNIT E #372

API / UWI 3001522203	Surface Legal Location 100' PNL & 1231' FWL SEC 35-17S-23E	Field Name Empire (BP)	Route	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 3,681.00	Original KB/RT Elevation (ft) 3,692.00	Tubing Hanger Elevation (ft)	RTB to GL (ft) 11.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)

## Original Hole, EMPIRE ABO UNIT PH-2 #E372 [Vertical]



## EMPIRE ABO UN #372 - PROPOSED WELLBORE SCHEMATIC

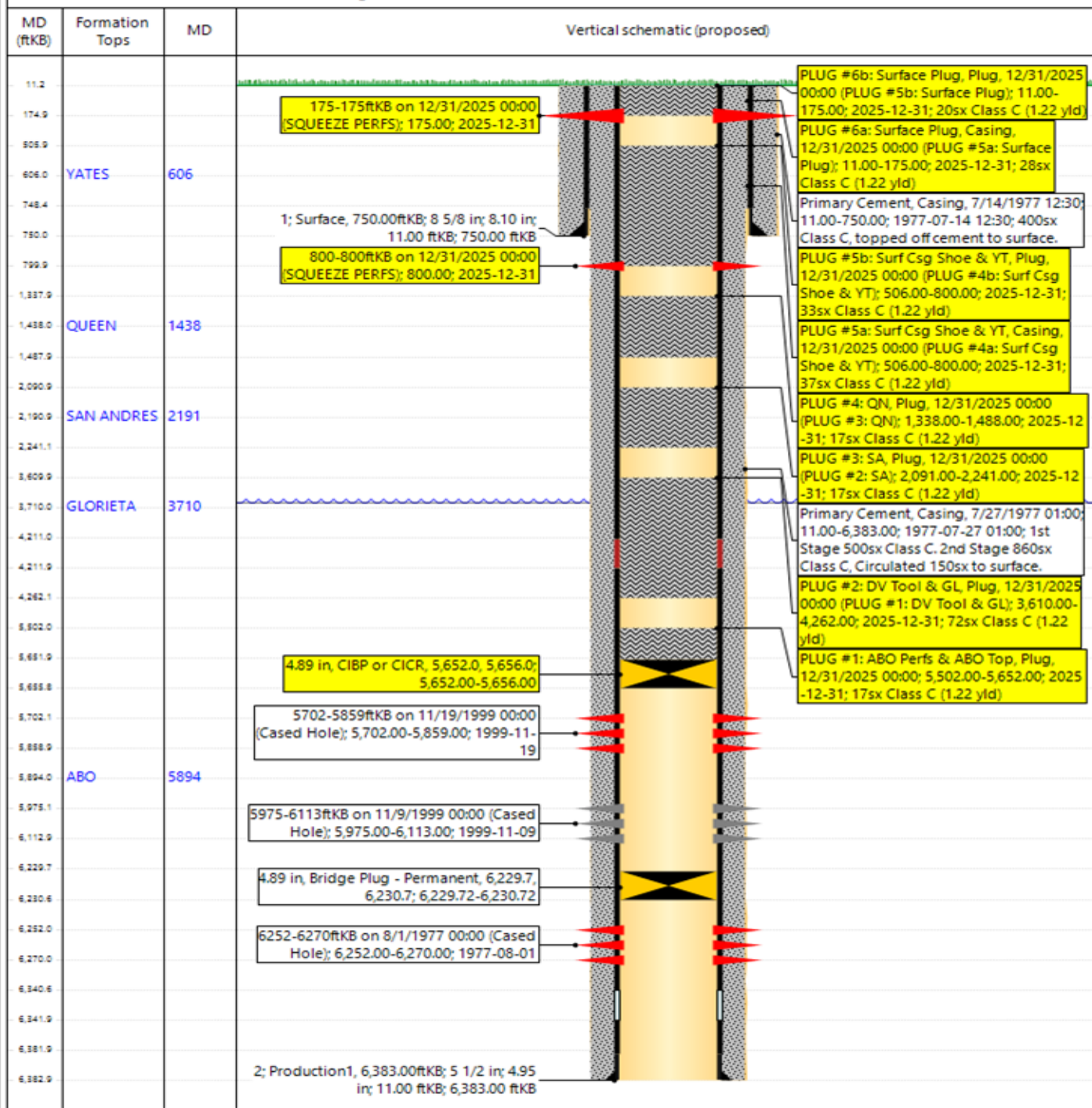


## P&amp;A WBD - Proposed Schematic

Well Name: EMPIRE ABO UNIT E #372

API / UWI 3001522203	Surface Legal Location 100' PNL & 125' FWL, SEC 35-17S-23E	Field Name Empire (BP)	Route	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 3,681.00	Original KB/RT Elevation (ft) 3,692.00	Tubing Hanger Elevation (ft)	RKB to GL (ft) 11.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)

## Original Hole, EMPIRE ABO UNIT PH-2 #E372 [Vertical]



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CONDITIONS

Action 531133

CONDITIONS

Operator:  APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705	OGRID:  873
	Action Number:  531133
	Action Type:  [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
loren.diede	Notify the OCD inspection supervisor via email 24 hours prior to beginning Plug & Abandon (P&A) operations.	12/3/2025
loren.diede	Submit photo and GPS coordinates of the P&A marker with the C-103P subsequent report. The API# on the marker must be clearly legible.	12/3/2025
loren.diede	NMOCD does not consider this well to be within the LPCH restricted area and an above ground marker is required.	12/3/2025