

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. 30-045-29372
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Golden Bear
8. Well Number 2
9. OGRID Number 372171
10. Pool name or Wildcat Kutz Pictured Cliffs
4. Well Location Unit Letter <u>K</u> : <u>2038'</u> feet from the <u>SOUTH</u> line and <u>2448'</u> feet from the <u>WEST</u> line Section <u>02</u> Township <u>29N</u> Range <u>13W</u> NMPM County <u>San Juan</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5473' GL

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

12. Check Appropriate Box 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 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 Amanda Walker TITLE Operations/Regulatory Technician – Sr. DATE 12/22/2021

Type or print name Amanda Walker E-mail address: mwalker@hilcorp.com PHONE: (346) 237-2177

**For State Use Only**

APPROVED BY: Kellie Parker TITLE Petroleum Specialist DATE 12/27/2021

Conditions of Approval (if any):



## P&A Procedure

General Information			
<b>Well Name</b>	Golden Bear #2	<b>Date:</b>	12/22/2021
<b>API:</b>	30-045-29372	<b>AFE #</b>	
<b>Field:</b>	San Juan	<b>County</b>	San Juan
<b>Status:</b>	Well is ACOI		
<b>Subject:</b>	Permanently P&A wellbore		
<b>By:</b>	M. Wissing		

### Well Data

Surface Casing: 7" 23# J-55 at 166'

Production Casing: 4-1/2" J-55 10.5# at 1,535'

Production Tubing: 2-3/8" J-55 4.7# Falcon Polycore tbg w/ TDCs at 1,422'

Current Perforations: 1,375' – 1,383'

Current PBTD: 1,489' (cement plug)

CBL Log: 9/25/96

KB: 7', CFH: 4'

SICP = 23 psig

Notes: Historic notes of scale and corrosion on rods and tbg string.

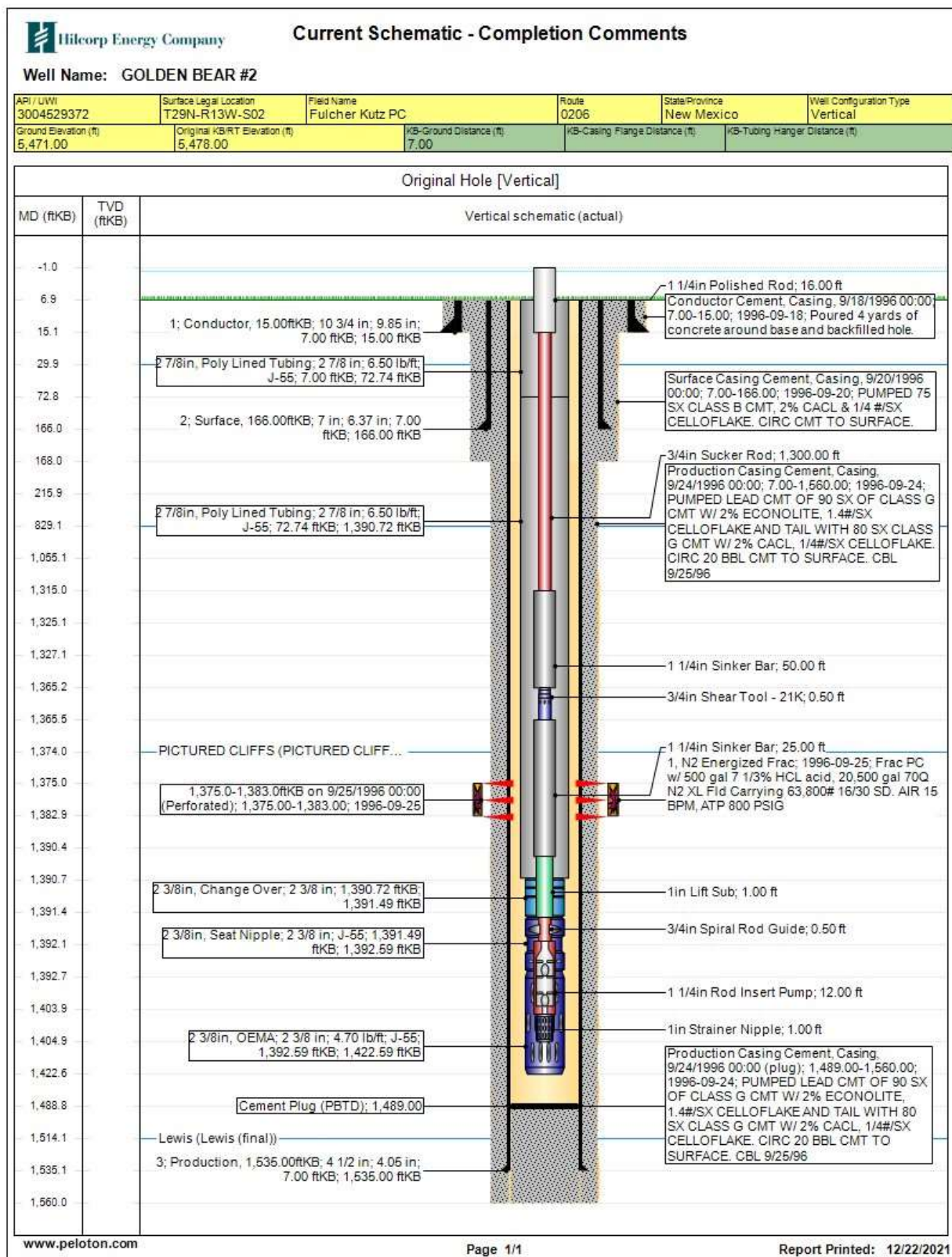
*Hold PJSM prior to begin all operations. Properly document all operations via the JSA process. Ensure that all personnel onsite abide by HEC safety protocol, including PPE, housekeeping, and standard guidelines. Verify cathodic protection is off and wellhead instrumentation is properly disconnected from the wellhead. Comply with all **NMOCD** 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 strings daily, prior to beginning operations.*

**Remember to notify NMOCD 24 hours prior to starting operations on location. This procedure is contingent upon P&A sundry approval by the NMOCD.**

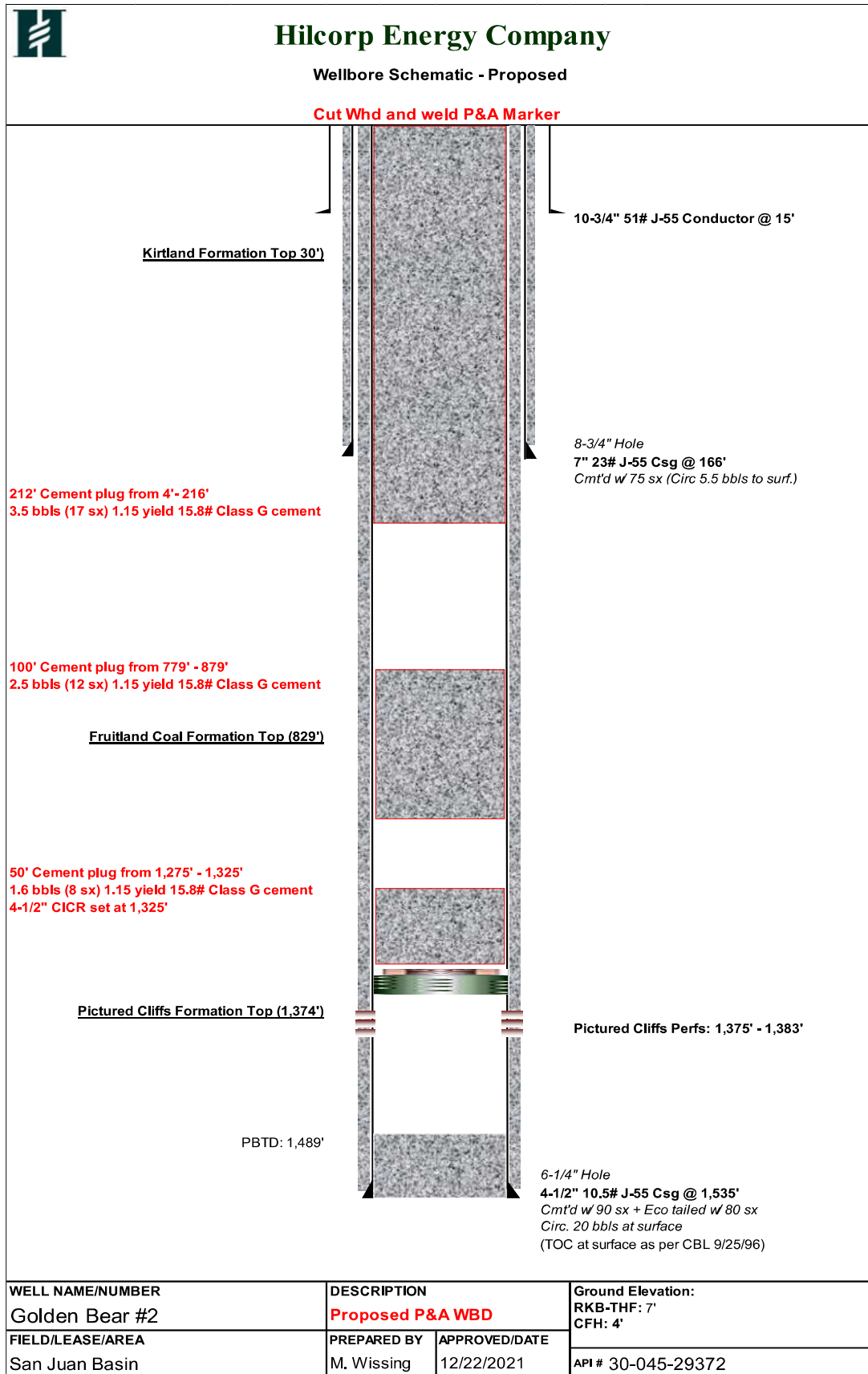
## P&A Rig Procedure

1. MIRU P&A rig and equipment. Record pressures on all strings.
2. Unseat rod pump and POOH with rod string & rod pump. NU BOP & test. TOOH with production tbg.
3. RIH with 4.5" casing scraper to +/- 1,340'.
4. MU 4.5" CICR and RIH with 2-3/8" work string. Set CICR at 1,325'
  - a. **Top Picture Cliffs perforation at 1,375'**
5. Load wellbore with KCI water and circulate wellbore clean. Pressure test the casing to 500 psi to verify wellbore integrity and plug set.
6. **Cement Plug #1 (Pictured Cliffs perforation at 1,375')**: RU cementers and pump a 50' balanced cmt plug inside the 4-1/2" csg from 1,275' – 1,325', using 1.6 bbls (8 sx) of 15.8+ ppg Class G cmt.
7. TOOH with tbg to 879'.
8. **Cement Plug #2 (Fruitland Coal Formation Top at 829')**: RU cementers and pump a 100' balanced cmt plug inside the 4-1/2" csg from 779' – 879', using 2.5 bbls (12 sx) of 15.8+ ppg Class G cmt.
9. TOOH with tbg to 216'.
10. **Cement Plug #3 (Surface Casing Shoe at 166' & Kirtland Formation top at 30')**: RU cementers and pump a 212' balanced cmt plug from Surface – 216' inside the 4-1/2" using 3.5 bbls (17 sx) of 15.8 ppg Class G cmt.
11. WOC 4 hrs. Verify all pressures on all strings.
12. ND BOP. Tag cmt and top off wellbore as needed. Cutoff wellhead at surface and weld P&A marker.
13. RDMO P&A rig.

## CURRENT WELLBORE SCHEMATIC



# PROPOSED P&A WELLBORE SCHEMATIC



**District I**  
1625 N. French Dr., Hobbs, NM 88240  
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Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS  
  
Action 68383

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 68383
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
kpickford	Notify NMOCD 24 Hours Prior to beginning operations	12/27/2021