

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. 30-039-30531
5. Indicate Type of Lease STATE [X] FEE [ ]
6. State Oil & Gas Lease No. E-289-23
7. Lease Name or Unit Agreement Name Northeast Blanco Unit
8. Well Number 258H
9. OGRID Number 372171
10. Pool name or Wildcat S. Los Pinos Fruitland Sand/Pictured Cliffs
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6295' 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 [X] Other [ ]
2. Name of Operator HILCORP ENERGY COMPANY
3. Address of Operator 382 Road 3100, Aztec, NM 87410
4. Well Location Unit Letter K 2685 feet from the North line and 2415 feet from the West line
Section 2 Township 30N Range 07W NMPM Rio Arriba County

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

NOTICE OF INTENTION TO:
PERFORM REMEDIAL WORK [ ] PLUG AND ABANDON [X]
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 procedure, current and proposed wellbore schematics. A closed loop system will be used. A pre-disturbance site visit was not conducted as surface is State.

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 Cherylene Weston TITLE Operations / Regulatory Technician DATE 10/02/2023

Type or print name Cherylene Weston E-mail address: cweston@hilcorp.com PHONE: 505-564-0779

For State Use Only

APPROVED BY: Monica Kuehling TITLE Deputy Oil and Gas Inspector DATE 10/25/2023

Conditions of Approval (if any):



**HILCORP ENERGY COMPANY**  
**NEBU 258H**  
**NOTICE OF INTENT TO PERMANENTLY ABANDON**

<b>API #:</b>	3003930531
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**JOB PROCEDURES**

- NMOCD **Contact OCD 24 hrs prior to MIRU - confirm a PTPW has been acquired from Jicarilla. Comply with all NMOCD and HEC safety and environmental regulations.**
1. MIRU service rig and associated equipment, record all pressures on wellbore.
  2. Load well, ND tree, NU BOPs and test.
  3. TOOH w/ 2-3/8" 4.7# EUE J55 tbg set at 4,076'.
  4. RU ELU, RIH w/ perf gun loaded w/ 4-1/2" 11.6# circ charges, shoot @ 2,790'.
  5. MU 4-1/2" 11.6# bit/scrapper, clear csg to 3,150', POOH. RIH w/ 4-1/2" 11.6# CICR on pipe and set @ 3,140' MD (50' TVD above PC Top).
  6. **Plug #1a | 2,815' - 3,140' (CICR @ 3,140' | FRD Top @ 2,865')** Pump 21sx (5.1 bbl) Class III "Select" cement and spot a 325' inside plug on top of CICR to cover the CICR, Fruitland Top and plug back the Pictured Cliffs formation.  
*\*POOH w/ pipe to LD stinger. RIH tag TOC w/ pipe after 4hr WOC.*
  7. Establish injections thru perf'd circ holes @ 2,790' into annulus.  
**Plug #1b | 2,790' - 3,140' Annular Plug (CICR @ 3,140' | FRD Top @ 2,865')** Pump 35sx (8.5 bbl) Class III "Select" cement into circ holes @ 2,790' leaving a 350' cmt plug in the 7" x 4-1/2" annulus. *\*Note: cement volume includes 50' excess.*  
 PU w/ work string to ~2,500', reverse out to clear tbg.
  8. RU ELU, RIH w/ perf gun loaded w/ 4-1/2" 11.6# circ charges, shoot @ 2,777'. Establish circulation up annulus to surface.
  9. **Plug #2 | 2,627' - 2,777' (DV Tool @ 2,777')** Pump 25sx (6.1 bbl) Class III Select cement and circulate in a 150' balanced inside/outside plug to cover the DV Tool.  
 PU w/ work string to ~2,000', reverse out to clear tbg.
  10. RU ELU, perf holes in 4-1/2" csg @ 2,489'. Establish circulation up annulus.  
**Plug #3 | 2,158' - 2,489' (Kirtland Top @ 2,439' | Ojo Top @ 2,258')** Pump 54sx (13.2 bbl) Class III Select cement and circulate in a 331' balanced plug to cover the KRD & OJO Tops.  
 POOH w/ work string, LD.
  11. RU ELU, perf circ holes in 4-1/2" csg @ 356'. Establish circulation up annulus to surface.  
**Plug #4 | Surface - 356' (Surface Shoe @ 306')** Pump 50sx (12.2 bbl) Class III "Select" cement and spot a 356' inside/outside plug to cover the surface shoe from 356' to surface.
  12. LD tubing. ND BOP and cut off wellhead below surface casing flange as per NMOCD. Top off cement at surface as needed. Weld new P&A maker.



**HILCORP ENERGY COMPANY**  
**NEBU 258H**  
**NOTICE OF INTENT TO PERMANENTLY ABANDON**

**NEBU 258H - CURRENT WELLBORE SCHEMATIC**

Hilcorp Energy  
 Current WBD

GL: 6295'  
 KB: 16.5'

TOC @ surf. (circ.)

12-1/4" hole  
 9-5/8", 32.3#, H-40 @ 306'  
 165 sx cmt

Tubing Details	Length
2-3/8" Tubing	4076'
Nipple @ 4044'	

5.45 deg/100' dogleg sev @ +/- 2,404' MD  
 \*Marks beginning of build

DV Tool 2777' 31°  
 Packer @ 2779'

10/25/2018 3 Slip Stop set @ 2995' MD (2930' TVD).

50 deg incl angle @ +/- 3087' MD 50°

54°

8-3/4" hole 73°  
 7", 23#, J-55 @ 3860' (~ 3240' TVD)  
 899 sx cmt

4-1/2" csg was run in the openhole and not cemented



↑  
 Vertical Hole  
 Incl. Angle  
 0°

4-1/2" 11.6# N-80 @ 5472'  
 5-1/4" hole  
 3.75" ID through frac sleeves

Frac sleeves set at 4057, 4460, 4862, & 5260 (drilled out to 3.75" ID)

NEBU 258H-PC  
 PC  
 300393053100  
 K-02-30N-07W  
 Rio Arriba, New Mexico

Updated RGM 8/22/2023

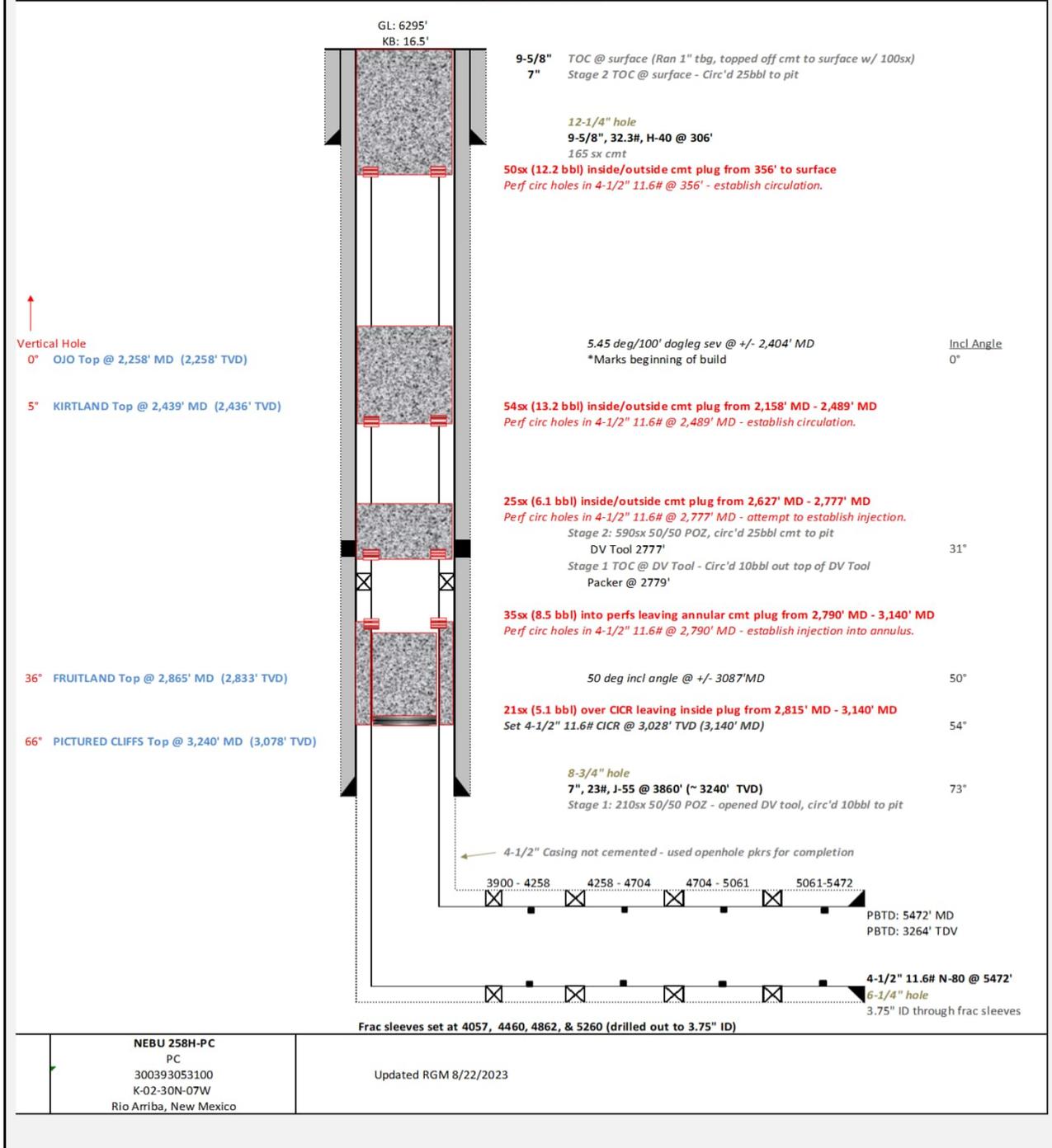


**HILCORP ENERGY COMPANY**  
**NEBU 258H**  
**NOTICE OF INTENT TO PERMANENTLY ABANDON**

**NEBU 258H - PROPOSED P&A SCHEMATIC**

**HILCORP ENERGY**

**Proposed P&A WBD**



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**Santa Fe, NM 87505**

CONDITIONS

Action 271245

**CONDITIONS**

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 271245
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

**CONDITIONS**

Created By	Condition	Condition Date
mkuehling	set first plug minimum of 50 feet below intermediate shoe - Notify NMOCD 24 hours prior to moving on.	10/25/2023