

Submit 1 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

WELL API NO. 30-039-07097
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No. FEE
7. Lease Name or Unit Agreement Name SAN JUAN 28-6 UNIT
8. Well Number 67
9. OGRID Number 372171
10. Pool name or Wildcat Blanco Mesaverde

**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 A : 790 feet from the North line and 865 feet from the East line  
Section 14 Township 27N Range 6W NMPM Rio Arriba County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
6293' GR

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"/> PLUG AND ABANDON <input checked="" type="checkbox"/></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.

Hilcorp Energy is requesting approval to plug and abandon the subject well.  
Attached are the procedure, current and proposed 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 Tammy Jones TITLE Operations/Regulatory Technician - Sr. DATE: 2/7/2024

Type or print name Tammy Jones E-mail address: tajones@hilcorp.com PHONE: (505) 324-5185

**For State Use Only**

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

Conditions of Approval (if any):



**HILCORP ENERGY COMPANY**  
**San Juan 28-6 Unit 67**  
**NOTICE OF INTENT TO PERMANENTLY ABANDON**

API #:	3003907097
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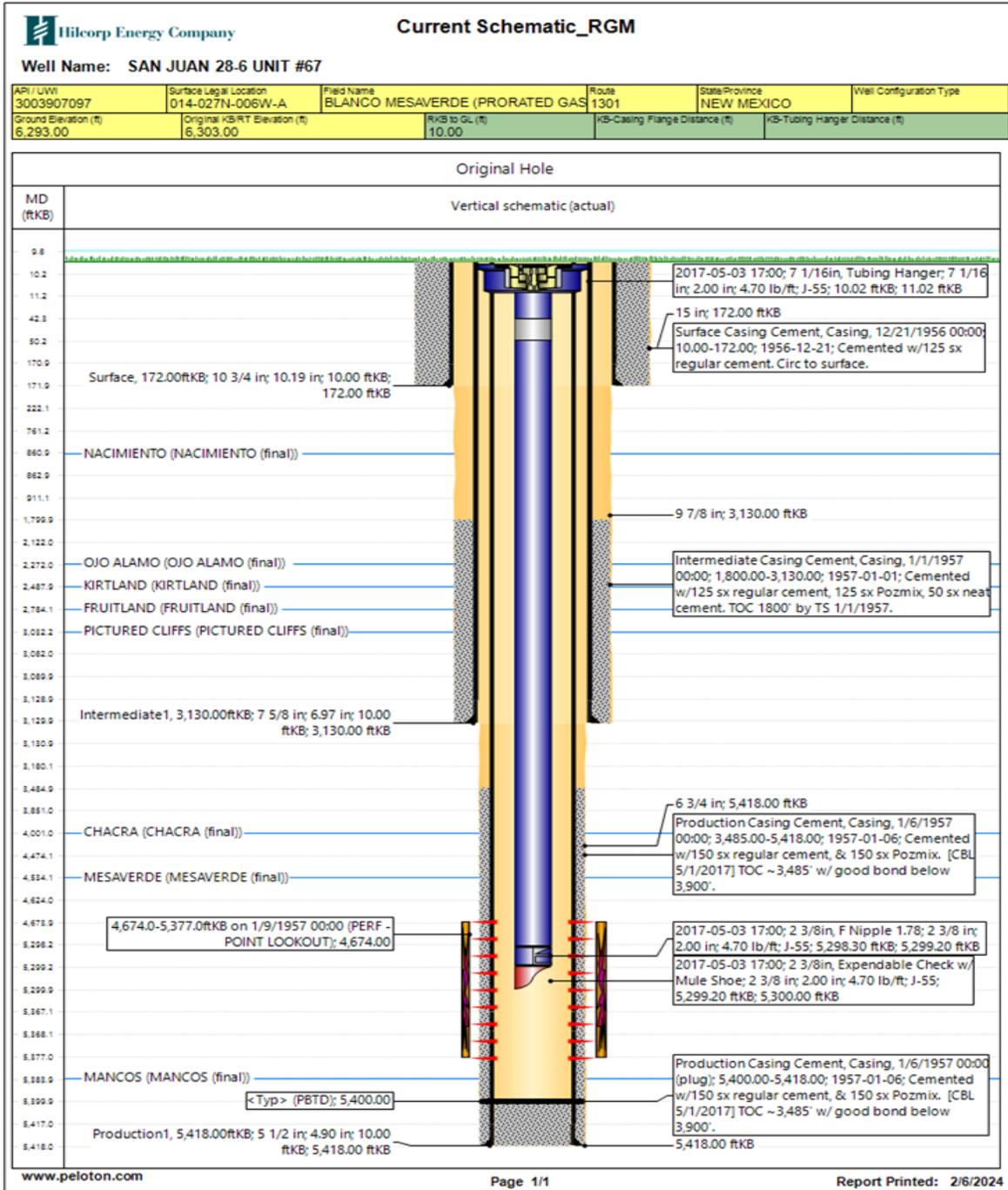
**JOB PROCEDURES**

- |                                     |       |  |
|-------------------------------------|-------|--|
| <input checked="" type="checkbox"/> | NMOCD | <b>Contact OCD and BLM (where applicable) 24 hrs prior to MIRU. Comply with all NMOCD, BLM (where applicable), and HEC safety and environmental regulations.</b> |
| <input checked="" type="checkbox"/> | BLM   |  |
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 5,300'.
  4. Drift csg to clear to 4,640', POOH. RIH w/ 5-1/2" 15.5# CICR on pipe and set @ 4,624' (MV Top Perf @ 4,674').
  5. Load well & circulate clean. Pressure test the csg to 560 psi. Monitor for 30 minutes.  
*All of the following plug designs are based on the Basin Well Logging CBL [5/1/2017].*
  6. **Plug #1 | 4,474' - 4,624' (CICR @ 4,624' | MV Top Perf: 4,674')** Pump 15sx (3.7 bbl) Class III "Select" cement and spot a 150' inside plug over the mechanical plug.
  7. **Plug #2 | 3,901' - 4,051' (Chacra Top @ 4,001')** Pump 15sx (3.7 bbl) Class III "Select" cement and spot a 150' inside plug over the Chacra Top.
  8. RU ELU, perf holes in the 5-1/2" csg @ 3,180'. Attempt injection into openhole annulus and circulation to surface. Set CICR on pipe @ 3,150'.  
**Plug #3 | 3,100' - 3,180' (Intermediate Shoe @ 3,130')** Pump 68sx (16.6 bbl) Class III "Select" cement [63sx, 15.4 bbl cmt below CICR]  
*Squeeze the intermediate shoe, sting out, spot 5sx, reverse out to clear csg for Plug #4. WOC 4hr, tag TOC w/ pipe @ 3,100'.*
  9. RU ELU, perf penetrating holes in the 5-1/2" & 7-5/8" csg @ 3,082'. Attempt injection into openhole annulus and circulation to surface.  
**Plug #4 | 2,122' - 3,082' (PC Top @ 3,032', FRD Top @ 2,784', KRD Top @ 2,488', Ojo Top @ 2,272')** Pump 194sx (47.3 bbl) Class III "Select" cement [32sx sqz in OH annulus if possible, 70sx in csg annulus, 92sx inside 5-1/2" csg]  
*Circulate in a 960' balanced plug across the production csg. WOC 4hr, tag TOC w/ pipe.*
  10. RU ELU, perf penetrating holes in the 5-1/2" & 7-5/8" csg @ 911'. Attempt injection into openhole annulus and circulation to surface. Set CICR on pipe @ 861'.  
**Plug #5 | 761' - 911' (Nacimiento Top @ 861')** Pump 61sx (14.9 bbl) Class III "Select" cement [51sx below CICR, 32sx sqz into OH]  
*Circulate in a 150' balanced cmt plug across the 5-1/2" & 7-5/8" csg strings to cover the Nacimiento Top.*
  11. RU ELU, perf penetrating holes in the 5-1/2" & 7-5/8" csg @ 222'. Attempt circulation to surface.  
**Plug #6 | 10' - 222' (Surface Shoe @ 172')** Pump 75sx (18.3 bbl) Class III "Select" cement, fill all annuli to surface with cmt. WOC 4hr.
  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**  
**San Juan 28-6 Unit 67**  
**NOTICE OF INTENT TO PERMANENTLY ABANDON**

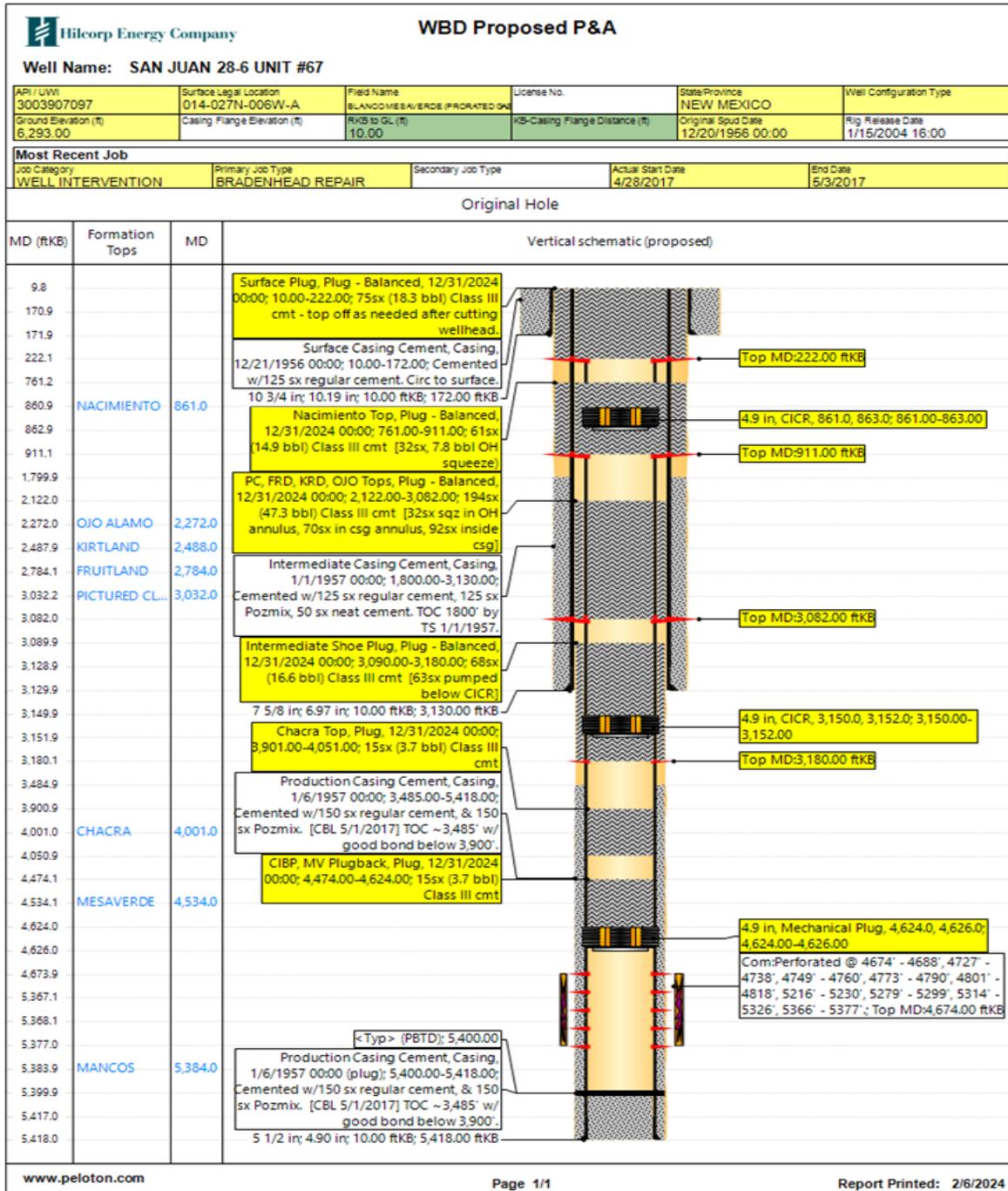
**San Juan 28-6 Unit 67 - CURRENT WELLBORE SCHEMATIC**





**HILCORP ENERGY COMPANY**  
**San Juan 28-6 Unit 67**  
**NOTICE OF INTENT TO PERMANENTLY ABANDON**

**San Juan 28-6 Unit 67 - PROPOSED P&A SCHEMATIC**



**Tammy Jones**

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**From:** Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>  
**Sent:** Wednesday, December 27, 2023 10:29 AM  
**To:** Priscilla Shorty  
**Cc:** Farmington Regulatory Techs; Bennett Vaughn; Ben Hampton; Vermersch, Thomas, EMNRD  
**Subject:** RE: [EXTERNAL] San Juan 28 6 Unit 67 30-039-07097

**CAUTION:** External sender. DO NOT open links or attachments from UNKNOWN senders.

Hello Priscilla

The above well had communication between intermediate and production casing with bradenhead pressure at 65 psi in October of 22.

Previous test

2019 - 0 on both intermediate and bradenhead  
2016 - 0 bradenhead 148 intermediate  
2010 - 10 bradenhead 374 intermediate

Remedial work in 2016.

Gas analysis dated 8/24/22 shows same gas all strings.

Hilcorp Energy Company is directed to fix or plug the above well within 90 days of the date of this email.

If you have any questions, please let me know

Thank you

Monica Kuehling  
Compliance Officer Supervisor  
Deputy Oil and Gas Inspector  
New Mexico Oil Conservation Division  
North District  
Office Phone: 505-334-6178 ext. 123  
Cell Phone: 505-320-0243  
Email - monica.kuehling@emnrd.nm.gov

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**From:** Priscilla Shorty <pshorty@hilcorp.com>  
**Sent:** Wednesday, October 12, 2022 5:43 AM  
**To:** Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>  
**Cc:** Farmington Regulatory Techs <FarmingtonRegulatoryTechs@hilcorp.com>; Bennett Vaughn <Bennett.Vaughn@hilcorp.com>; Ben Hampton <bhampton@hilcorp.com>; Vermersch, Thomas, EMNRD <Thomas.Vermersch@emnrd.nm.gov>  
**Subject:** RE: [EXTERNAL] San Juan 28 6 Unit 67 30-039-07097

Hi Monica,

Attached is the bradenhead test for the subject well. Thank you.

*Priscilla Shorty*

Operations Regulatory Technician

**Hilcorp Energy Company**

505-324-5188

[pshorty@hilcorp.com](mailto:pshorty@hilcorp.com)

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**From:** Kuehling, Monica, EMNRD <[monica.kuehling@state.nm.us](mailto:monica.kuehling@state.nm.us)>

**Sent:** Wednesday, September 14, 2022 4:05 PM

**To:** Farmington Regulatory Techs <[farmingtonregulatorytechs@hilcorp.com](mailto:farmingtonregulatorytechs@hilcorp.com)>

**Subject:** [EXTERNAL] San Juan 28 6 Unit 67 30-039-07097

**CAUTION:** External sender. DO NOT open links or attachments from UNKNOWN senders.

Hello all

The bradenhead test on the above well shows 2 psi on Bradenhead

The gas analysis shows 103 psi on the Bradenhead when samples were taken.

Gas analysis shows the same gas all strings. Gas analysis pressures show equalization on all strings.

Bradenhead test performed in April – gas samples taken in August

Please run another bradenhead test without blowing down prior to testing with a witness from this office within 30 days of the date of this email.

Please keep any email communication together on an email chain.

If you have any questions, please let me know

Thank you

Monica Kuehling

Compliance Officer Supervisor

Deputy Oil and Gas Inspector

New Mexico Oil Conservation Division

North District

Office Phone: 505-334-6178 ext. 123

Cell Phone: 505-320-0243

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**District IV**  
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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 312156

**CONDITIONS**

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 312156
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

**CONDITIONS**

Created By	Condition	Condition Date
mkuehling	Bradenhead showed 103 psi -kirtland and ojo plugs cannot be combined -contact this office with results of kirtland plug prior to proceeding - a woc after kirtland plug required - keep in contact with this office as coming up. Notify NMOCD 24 hours prior to moving rig on.	2/12/2024