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

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

Form C-103
Revised July 18, 2013

WELL API NO.
30-045-11502

5. Indicate Type of Lease
STATE ☐ FEE ☒

6. State Oil & Gas Lease No.
FEE

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.)

7. Lease Name or Unit Agreement Name
SAN JUAN 32-7 UNIT

1. Type of Well: Oil Well ☐ Gas Well ☒ Other

8. Well Number
37

2. Name of Operator
HILCORP ENERGY COMPANY

9. OGRID Number
372171

3. Address of Operator
382 Road 3100, Aztec, NM 87410

10. Pool name or Wildcat
Blanco Mesaverde/Basin Dakota

4. Well Location
Unit Letter L : 790 feet from the North line and 300 feet from the West line
Section 09 Township 32N Range 7W NMPM San Juan County

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*
6336

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☐	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐	COMMENCE DRILLING OPNS.	☐	P AND A	☒
PULL OR ALTER CASING	☐	MULTIPLE COMPL	☐	CASING/CEMENT JOB	☐		
DOWNHOLE COMMINGLE	☐						
CLOSED-LOOP SYSTEM	☐						
OTHER:	☐			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 has plugged and abandoned the subject well on 9/25/2024 per the attached daily report.

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 Priscilla Shorty TITLE Operations/Regulatory Technician – Sr. DATE 9/26/2024

Type or print name Priscilla Shorty E-mail address: pshorty@hilcorp.com PHONE: (505) 324-5188

For State Use Only

APPROVED BY: TITLE DATE
Conditions of Approval (if any):

9/18/2024 - CK PRESSURES SITP- N/A. SICP- 70 PSI. SIBHP 0 PSI. 45 SEC BLOW DOWN. N/D ANNULAR, N/U STRIPPNG HEAD. M/U HEC 5.5" CICR, TIH WITH TBG FROM DERRICK, P/U 6 JNTS, SET CICR @7050' AND STING OUT. R/U PUMP TO TBG AND ATTEMPT TO EST CIRC OUT CASING. UNSUCCESSFUL, PUMPED 170 BBLS OF FW. STING INTO CICR PUMP 3 BBLS OF FW AND PRESSURED UP TO 700 PSI, NO INJ RATE. STING OUT OF CICR. R/U SANDLINE AND LUBRICATOR. RIH WITH SANDLINE AND TAG FLUID @2500', POOH WITH SANDLINE. WAIT 10 MIN, RIH WITH SANDLINE AND TAG FLUID @2500'. POOH WITH SANDLINE. R/D LUBRICATOR. R/U DRAKE CEMENTERS AND PUMP **PLUG #1. M&P 18 SXS, 3.7 BBL SLURRY, 15.8 PPG CLASS G CEMENT FROM 7050' TO 6892' TOC,** DISP W/ 17 BBLS OF FW. L/D 7 JNTS, TOOH WITH SETTING TOOL. L/D SETTING TOOL. SISW. DEBRIEF CREW. SDFN.

9/19/2024 - CK PRESSURES SITP- N/A. SICP- 0 PSI. SIBHP 0 PSI. SIIP 60 PSI 5 SEC BLOW DOWN. R/U TWG AND CBL TOOLS, RIH WITH LOGGING TOOLS AND TAG @6758'. RUN CBL FROM 6758' TO 3750'(NO FLUID ABOVE 3750', PUMPED A TOTAL OF 90 BBLS OF FW WHILE LOGGING). R/D WIRELINE. M/U NOTCH COLLAR, TIH WITH TBG FROM DERRICK AND **TAG PLUG #1 @6966'.** R/U SANDLINE, RIH AND TAG FLUID @3600'. L/D 7 JNTS PUTTING EOT @6745'. RIH WITH SANDLINE AND TAG FLUID @3600'. R/D SANDLINE. **HEC ENGINEER SENT MONICA KUEHLING, NMOCD, AN EMAIL WITH UPDATES ON P&A ACTIVITY. HEC RECEIVED VERBAL APPROVAL TO PROCEED WITH PLUG #2, PLUG #3, AND PLUG #4 BASED ON THE CBL. HEC WILL RUN ANOTHER CBL AFTER PLUG #4. NMOCD ALSO AGREED TO ALLOW HEC TO REVERT TO THE ORIGINAL PROCEDURE AS PLANNED FOR PLUG #3 BUT WITH 100% EXCESS BELOW THE CICR.** R/U DRAKE CEMENTERS AND **PUMP PLUG #2 GAL TOP. M&P 24 SXS, 4.9 BBL SLURRY, 15.8 PPG CLASS G CEMENT FROM 6745' TO 6534' TOC,** DISP W/ 11.48 BBLS OF FW. WAIT 10 MIN TO LET CEMENT SETTLE, L/D 7 JNTS AND TOOH WITH NOTCH COLLAR (104 STANDS). SISW. SDFN.

9/20/2024 - CK PRESSURES SITP- N/A. SICP- 0 PSI. SIBHP 0 PSI. SIIP 0 PSI. M/U NOTCH COLLAR, TIH WITH TBG FROM DERRICK AND **TAG PLUG#2 @6556'.** L/D 36 JNTS, TOOH WITH NOTCH COLLAR (87 STANDS). M/U HEC 5.5' CICR, TIH WITH TBG AND SET CICR @5468'. R/U DRAKE CEMENTERS AND EST INJ RATE, 2BBLS/MIN @100 PSI**. PUMP PLUG #3 MV PERFS. M&P 50 SXS, 10.2 BBL SLURRY, 15.8 PPG CLASS G CEMENT,** DISP W/ 23 BBLS OF FW. STING OUT OF CICR. EST CIRC WITH 60 BBLS OF FW, CIRC A TOTAL OF 85 BBLS OF FW. PRESSURE TEST CASING TO 560 PSI. GOOD TEST. **NMOCD REP CLARENCE SMITH ON LOCATION APPROVED TO PUMP BALANCED PLUG. PLUG #3 MV TOP M&P 55 SXS, 11.2 BBL SLURRY, 15.8 PPG CLASS G CEMENT FROM 5468' TO 4985',** DISP W/ 19 BBLS OF FW. L/D 30 JNTS PUTTING EOT @4530'. R/U DRAKE CEMENTERS, EST CIRC W/ 3 BBLS OF FW. **PUMP PLUG #4 CHC TOP. M&P 18 SXS WITH 2% CALCIUM, 2.1 BBL SLURRY, 15.8 PPG CLASS G CEMENT FROM 4530' TO 4375' TOC,** DISP W/ 16.5 BBLS OF FW. R/D CEMENT EQUIP. L/D 30 JNTS TO 3581'. TOOH WITH SETTING TOOL (57 STANDS). WOC 3 HRS. R/U WIRELINE AND RUN CBL FROM 4150' TO SURFACE. R/D WIRELINE. SISW. SDFWE.

9/23/2024 - **HEC ENGINEER SENT MONICA KUEHLING, NMOCD, AN EMAIL DOCUMENTING VERBAL APPROVAL ON ADJUSTMENTS TO THE PROCEDURE BASED ON THE CBL.** CK PRESSURES SITP- N/A. SICP- 0 PSI. SIBHP 0 PSI. SIIP 0 PSI. M/U NOTCH COLLAR, TIH WITH TBG PUTTING EOT @3555'. R/U DRAKE CEMENTERS, EST CIRC W/ .5 BBLS OF FW. **PUMP PLUG #5 INT CASING SHOE, M&P 18 SXS, 2.1 BBL SLURRY, 15.8 PPG CLASS G CEMENT FROM 3555' TO 3397' TOC,** DISP W/ 12.7 BBLS OF FW. L/D 13 JNTS, TOOH WITH NOTCH COLLAR. R/U WIRELINE AND PERF GUNS (3 1/8" GUN, 180 DEG PHASING, 4 SPF), RIH AND PERF @3135'. POOH WITH PERF

GUNS. R/U PUMP TO CASING AND ATTEMPT TO EST CIRC THROUGH INT. CASING. UNSUCCESFUL. R/D WIRELINE. M/U NOTCH COLLAR, TIH WITH TBG, P/U 1 JNT PUTTING EOT @3185'. R/U DRAKE CEMENTERS, EST CIRC W/ .5 BBLS OF FW. **PUMP PLUG #6 SQUEEZE HOLES AND PC TOP, M&P 28 SXS, 5.7 BBL SLURRY, 15.8 PPG CLASS G CEMENT W/ 2% CALCIUM FROM 3185' TO 2939' TOC**, DISP W/ 11 BBLS OF FW. L/D 7 JNTS, TOOH WITH NOTCH COLLAR. WOC. M/U NOTCH COLLAR, TIH WITH TBG AND **TAG PLUG #6 @2895'.** L/D 11 JNTS. R/U DRAKE CEMENTERS, EST CIRC W/ 3 BBLS OF FW. PRESSURE TEST CASING TO 560 PSI. GOOD TEST**. PUMP PLUG #7 FRD AND KRD TOPS, M&P 47 SXS, 9.4 BBL SLURRY, 15.8 PPG CLASS G CEMENT FROM 2610' TO 2201' TOC**, DISP W/ 8.2 BBLS OF FW. L/D 13 JNTS, R/U PUMP TO CASING AND REV CIRC WITH 55 BBLS OF FW. L/D 2 JNTS, TOOH WITH NOTCH COLLAR. R/U WIRELINE AND PERF GUNS (3 1/8" GUN, 180 DEG PHASING 4 SPF), RIH AND PERF @2160'. POOH WITH PERF GUNS. R/U PUMP TO CASING AND ATTEMPT TO EST CIRC THROUGH INT. CASING. UNSUCCESFUL. R/D WIRELINE. SISW. SDFN. **ALL TAG DEPTHS AND PRESSURE TEST WERE WITNESSED BY NMOCD REP ON LOCATION CLARENCE SMITH.**

9/24/2024 - CK PRESSURES SITP- N/A. SICP- 0 PSI. SIBHP 0 PSI. SIIP 0 PSI. M/U NOTCH COLLAR, TIH WITH TBG, P/U 1 JNT AND TBG PUPS, PUTTING EOT @2210'. R/U DRAKE CEMENTERS, EST CIRC W/ .5 BBLS OF FW. **PUMP PLUG #8 SQUEEZE HOLES AND OJO TOP, M&P 28 SXS, 5.7 BBL SLURRY, 15.8 PPG CLASS G CEMENT W/ 2% CALCIUM FROM 2210' TO 1964' TOC**, DISP W/ 7.2 BBLS OF FW. L/D 8 JNTS, TOOH WITH NOTCH COLLAR. WOC. TIH WITH NOTCH COLLAR AND **TAG PLUG #8 @1948'.** L/D 20 JNTS, TOOH WITH NOTCH COLLAR (21 STANDS). R/U WIRELINE AND PERF GUNS, RIH AND PERF @1350'. POOH WITH PERF GUNS. R/U PUMP TO CASING AND EST INJ RATE INTO 7 5/8" CASING AND 9 7/8" OH (3 BBLS/ MIN @150 PSI). R/D WIRELINE. M/U 5.5" HEC CICR, TIH AND SET CICR @1314'. R/U DRAKE CEMENTERS, EST CIRC W/ 1 BBL OF FW**. PLUG #9 NAC TOP, M&P INSIDE/OUTSIDE PLUG 76 SXS, 15.1 BBL SLURRY, 15.8 PPG CLASS G CEMENT FROM 1350' TO 1179' TOC,** DISP W/ 4.5 BBLS OF FW. SPOTTING 61 SXS BELOW CICR AND 15 SXS ABOVE. WHILE PUMPING LAST BBL OF SLURRY, STARTED TO GET CIRC OUT 5 1/2" CASING. L/D 5 JNTS PUTTING EOT @1135', REV CIRC WITH 30 BBLS OF FW. TOOH WITH SETTING TOOL. L/D SETTING TOOL. SISW. SDFN. **NMOCD REP ON LOCATION CLARENCE SMITH.**

9/25/2024 - CK PRESSURES SITP- N/A. SICP- 0 PSI. SIBHP 0 PSI. SIIP 0 PSI. TIH WITH NOTCH COLLAR AND **TAG PLUG #9 @1161'.** L/D 28 JNTS, TOOH WITH NOTCH COLLAR. R/U WIRELINE AND PERF GUNS, RIH AND PERF @360'. POOH WITH PERF GUNS. R/U PUMP TO 5 1/2" CASING AND EST CIRC OUT 7 5/8" CASING AND 10 3/4" CASING. R/D WIRELINE. M/U NOTCH COLLAR TIH WITH TBG FROM DERRICK, P/U 2 JNTS PUTTING EOT @383'. R/U DRAKE CEMENTERS, EST CIRC W/ 1 BBL OF FW**. PLUG #10 SURFACE, M&P 189 SXS, 38.7 BBL SLURRY, 15.8 PPG CLASS G CEMENT FROM 383' TO SURFACE, CIRC .5 BBL OF CEMENT TO SURFACE (44 SXS IN 5.5" CSNG, 35 SXS IN 7 5/8" CSNG, AND 110 SXS IN 10 3/4" CSNG).** L/D 12 JNTS, WASH UP EQUIPMENT. WOC. R/D RIG FLOOR, N/D BOP. R/U WELDER, CUT OFF WELLHEAD INSTALL DRY HOLE MARKER. TOP OF CELLAR WITH 17 SXS OF CLASS G CEMENT. RD RR. **NMOCD REP ON LOCATION CLARENCE SMITH.**

WELL WAS PLUGGED AND ABANDONED ON 9/25/2024.

Hilcorp Energy Company

Current Schematic - Version 3

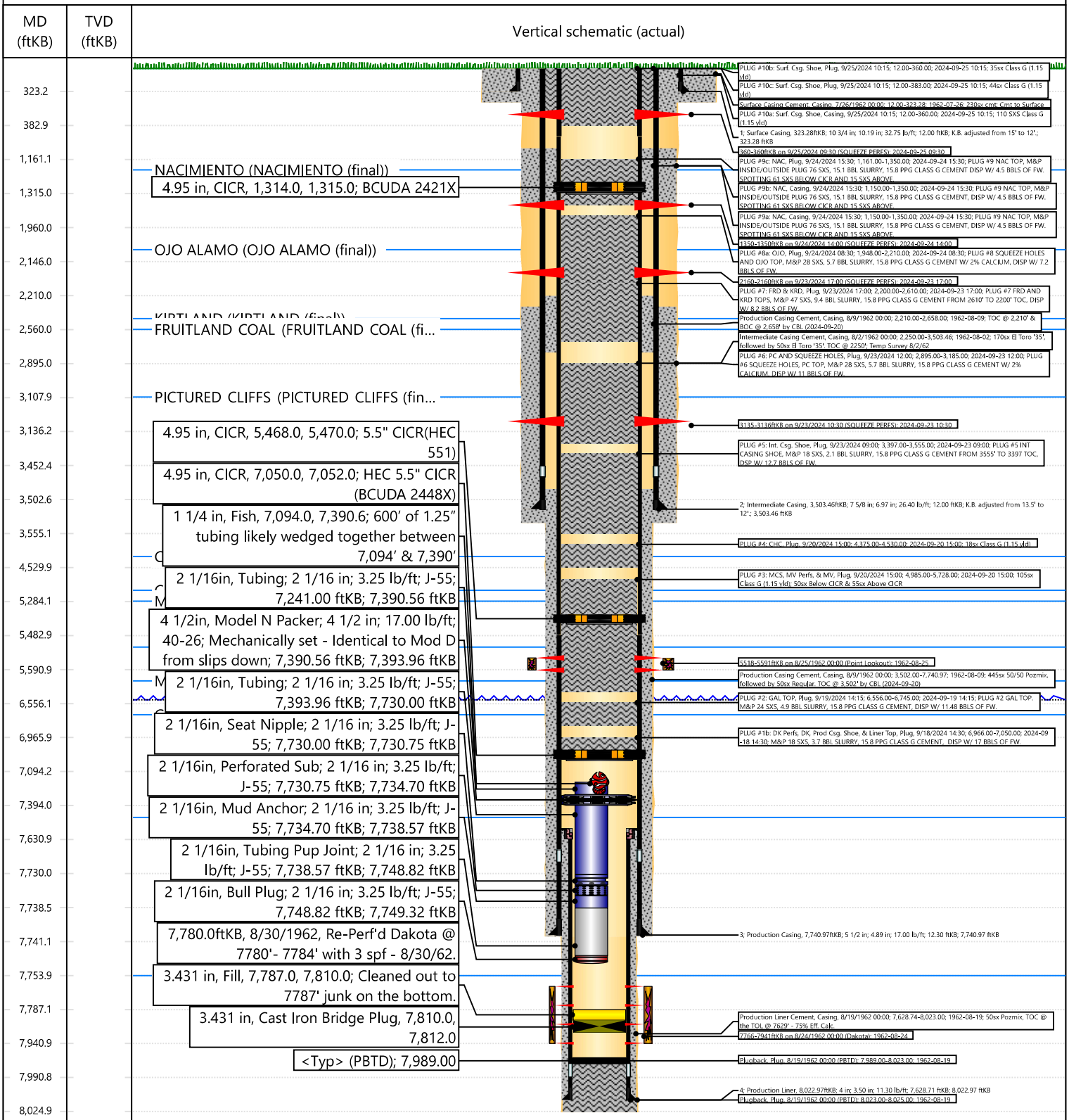
Well Name: SAN JUAN 32-7 UNIT #37

API / UWI	Surface Legal Location	Field Name	Route	State/Province	Well Configuration Type
3004511502	009-032N-007W-L	MV/DK DUAL	0504	NEW MEXICO	Vertical
Ground Elevation (ft)	**Original KB/RT Elevation (ft)**	**Tubing Hanger Elevation (ft)**	**RKB to GL (ft)**	**KB-Casing Flange Distance (ft)**	**KB-Tubing Hanger Distance (ft)**
6,336.00	6,350.00		14.00		

Tubing Strings

Run Date	Set Depth (ftKB)	String Max Nominal OD (in)	String Min Nominal ID (in)	Weight/Length (lb/ft)	Original Spud Date
12/4/1963 00:00	7,749.32	2 1/16	1.75	3.25	7/26/1962 00:00

Original Hole [Vertical]



Priscilla Shorty

From: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Sent: Monday, September 23, 2024 9:36 AM
To: John LaMond
Cc: Farmington Regulatory Techs; Clay Padgett; Lee Murphy; Rustin Mikeska; Ted Ramos - (C); Christian Zuvich; Priscilla Shorty; Eric Portillo - (C)
Subject: RE: [EXTERNAL] Request to P&A SAN JUAN 32-7 UNIT 37 (API # 3004511502)

NMOCD approves below

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

From: John LaMond <jlamond@hilcorp.com>
Sent: Monday, September 23, 2024 8:35 AM
To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Cc: Farmington Regulatory Techs <FarmingtonRegulatoryTechs@hilcorp.com>; Clay Padgett <cpadgett@hilcorp.com>; Lee Murphy <lmurphy@hilcorp.com>; Rustin Mikeska <rmikeska@hilcorp.com>; Ted Ramos - (C) <Ted.Ramos@hilcorp.com>; Christian Zuvich <Christian.Zuvich@hilcorp.com>; Priscilla Shorty <pshorty@hilcorp.com>; Eric Portillo - (C) <Eric.Portillo@hilcorp.com>; John LaMond <jlamond@hilcorp.com>
Subject: RE: [EXTERNAL] Request to P&A SAN JUAN 32-7 UNIT 37 (API # 3004511502)

Good morning Monica,

One addition: I left out the cement volume for the intermediate annulus on the surface plug. It has been added to the procedure below **(and highlighted).**

Thanks,

John LaMond
Operations Engineer – Technical Services
Hilcorp Energy Company
1111 Travis

Houston, TX 77002
346-237-2210 (Office)
832-754-9692 (Cell)
jlamond@hilcorp.com

From: John LaMond <jlamond@hilcorp.com>
Sent: Monday, September 23, 2024 9:17 AM
To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Cc: Farmington Regulatory Techs <FarmingtonRegulatoryTechs@hilcorp.com>; Clay Padgett <cpadgett@hilcorp.com>; Lee Murphy <lmurphy@hilcorp.com>; Rustin Mikeska <rmikeska@hilcorp.com>; Ted Ramos - (C) <Ted.Ramos@hilcorp.com>; Christian Zuvich <Christian.Zuvich@hilcorp.com>; Priscilla Shorty <pshorty@hilcorp.com>; John LaMond <jlamond@hilcorp.com>; Eric Portillo - (C) <Eric.Portillo@hilcorp.com>
Subject: RE: [EXTERNAL] Request to P&A SAN JUAN 32-7 UNIT 37 (API # 3004511502)

Good morning Monica,

Attached is the CBL that was run on Friday (2024-09-20) on the SJ 32-7 Unit 37 from 4,150' to surface.

This morning all strings/annuli read 0 psi, including the Intermediate string.

Per our discussion, moving forward Hilcorp received verbal approval from the NMOCD to make the following adjustments to the procedure based on the results of the CBL:

- **PLUG #5: 18sx of Class G Cement (15.8 PPG, 1.15 yield); Int. Casing Shoe @ 3,505':**
  - **NO CHANGES FROM APPROVED NOI**
  - Pump an 18 sack balanced cement plug inside the 5-1/2" casing (est. **TOC @ +/- 3,405'** & est. **BOC @ +/- 3,555'**). *Note cement plug lengths & volumes account for excess.
- **PLUG #6: 75sx of Class G Cement (15.8 PPG, 1.15 yield); PC Top @ 3,108':**
  - TIH & perforate squeeze holes @ **+/- 3,135'**. RIH w/ **5-1/2" CICR** and set CICR @ **+/- 3,108'**. TIH w/ work string & sting into CICR. Establish injection. ***Note Squeeze Holes @ 3,135' approved by NMOCD due to cement stringers around 3,158'.**
  - Pump 38sx of cement in the 7-5/8" casing X 9-7/8" open hole annulus (est. **TOC @ +/- 2,935'** & est. **BOC @ +/- 3,135'**). Continue pumping 18sx of cement in the 5-1/2" casing X 7-5/8" casing annulus (est. **TOC @ +/- 2,935'** & est. **BOC @ +/- 3,135'**). Pump an additional 4sx of cement beneath the 5-1/2" CICR (est. **TOC @ +/- 3,108'** & est. BOC @ +/- 3,135'). Sting out of retainer, pump a 15 sack balanced cement plug on top of the CICR. (est. **TOC @ +/- 2,985'** & est. **BOC @ +/- 3,108'**). WOC for 4 hrs, tag TOC w/ work string. *Note cement plug lengths and volumes account for excess.
  - **The NMOCD provided verbal approval that if Hilcorp is unable to establish injection into the 7-5/8" casing X 9-7/8" open hole annulus nor circulation 5-1/2" casing X 7-5/8" casing annulus, Hilcorp can forego pumping the outside plug(s) and pump the inside plug only.**
- **PLUG #7: 48sx of Class G Cement (15.8 PPG, 1.15 yield); FRD Top @ 2,560' | KRD Top @ 2,301':**
  - Pump a 48 sack balanced cement plug inside the 5-1/2" casing (est. **TOC @ +/- 2,201'** & est. **BOC @ +/- 2,610'**). *Note cement plug lengths & volumes account for excess.
- **PLUG #8: 74sx of Class G Cement (15.8 PPG, 1.15 yield); OJO Top @ 2,144':**
  - TIH & perforate squeeze holes @ **+/- 2,160'**. RIH w/ **5-1/2" CICR** and set **CICR @ +/- 2,144'**. TIH w/ work string & sting into CICR. Establish injection. ***Note Squeeze Holes @ 2,160' approved by NMOCD due to cement stringers around 2,194'.**
  - Pump 38sx of cement in the 7-5/8" casing X 9-7/8" open hole annulus (est. **TOC @ +/- 1,960'** & est. **BOC @ +/- 2,160'**). Continue pumping 18sx of cement in the 5-1/2" casing X 7-5/8" casing annulus (est. **TOC @ +/- 1,960'** & est. **BOC @ +/- 2,160'**). Pump an additional 2sx of cement beneath the 5-1/2" CICR (est. **TOC @ +/- 2,144'** & est. **BOC @ +/- 2,160'**). Sting out of retainer, pump a 16 sack balanced cement plug

on top of the CICR. (est. **TOC @ +/- 2,010'** & est. **BOC @ +/- 2,144'**). WOC for 4 hrs, tag TOC w/ work string. *Note cement plug lengths and volumes account for excess.
    - **The NMOCD provided verbal approval that if Hilcorp is unable to establish injection into the 7-5/8" casing X 9-7/8" open hole annulus nor circulation 5-1/2" casing X 7-5/8" casing annulus, Hilcorp can forego pumping the outside plug(s) and pump the inside plug only.**
- **PLUG #9: 74sx of Class G Cement (15.8 PPG, 1.15 yield); NAC Top @ 1,311':**
    - TOOH w/ work string. TIH & perforate squeeze holes @ **+/- 1,350'**. RIH w/ **5-1/2" CICR** and set CICR @ **+/- 1,311'**. TIH w/ work string & sting into CICR. Establish injection. ***Note Squeeze Holes @ 1,350' approved by NMOCD due to casing collar around 1,361'.**
    - Pump 38sx of cement in the 7-5/8" casing X 9-7/8" open hole annulus (est. **TOC @ +/- 1,150'** & est. **BOC @ +/- 1,350'**). Continue pumping 18sx of cement in the 5-1/2" casing X 7-5/8" casing annulus (est. **TOC @ +/- 1,150'** & est. **BOC @ +/- 1,350'**). Pump an additional 5sx of cement beneath the 5-1/2" CICR (est. **TOC @ +/- 1,311'** & est. **BOC @ +/- 1,350'**). Sting out of retainer, pump a 13 sack balanced cement plug on top of the CICR. (est. **TOC @ +/- 1,200'** & est. **BOC @ +/- 1,311'**). WOC for 4 hrs, tag TOC w/ work string. *Note cement plug lengths and volumes account for excess.
- **PLUG #10: 154sx of Class G Cement (15.8 PPG, 1.15 yield); Surf. Casing Shoe @ 326':**
    - TIH & perforate squeeze holes @ **+/- 360'**. Establish circulation. ***Note Squeeze Holes @ 360' approved by NMOCD due to casing collar around 376'.**
    - Pump 7sx of cement in the 7-5/8" casing X 9-7/8" open hole annulus (est. **TOC @ +/- 326'** & est. **BOC @ +/- 360'**). Continue pumping 71sx of cement in the 7-5/8" casing X 10-3/4" casing annulus (est. **TOC @ +/- 0'** & est. **BOC @ +/- 326'**). Continue pumping 32sx of cement in the 5-1/2" casing X 7-5/8" casing annulus (est. **TOC @ +/- 0'** & est. **BOC @ +/- 360'**). Pump a 44 sack balanced cement plug inside the 5-1/2" casing (est. **TOC @ +/- 0'** & est. **BOC @ +/- 376'**). WOC for 4 hrs, tag TOC w/ work string. *Note cement plug lengths and volumes account for excess.
    - Cut off wellhead, top off as needed.

Please let me know if you have any questions.

Thanks,

John LaMond
Operations Engineer – Technical Services
Hilcorp Energy Company
1111 Travis
Houston, TX 77002
346-237-2210 (Office)
832-754-9692 (Cell)
jlamond@hilcorp.com

From: John LaMond <jlamond@hilcorp.com>
Sent: Thursday, September 19, 2024 1:26 PM
To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Cc: Farmington Regulatory Techs <FarmingtonRegulatoryTechs@hilcorp.com>; Clay Padgett <cpadgett@hilcorp.com>; Lee Murphy <lmurphy@hilcorp.com>; Rustin Mikeska <rmikeska@hilcorp.com>; Matt Gustamantes - (C) <Matt.Gustamantes@hilcorp.com>; Ted Ramos - (C) <Ted.Ramos@hilcorp.com>; Christian Zuvich <Christian.Zuvich@hilcorp.com>; John LaMond <jlamond@hilcorp.com>; Priscilla Shorty <pshorty@hilcorp.com>
Subject: RE: [EXTERNAL] Request to P&A SAN JUAN 32-7 UNIT 37 (API # 3004511502)

Good afternoon Monica,

Attached is the CBL that was run today (2024-09-19) on the SJ 32-7 Unit 37. This log shows good cement from 4,050' to 6,758' (CBL tag depth). The approved NOI is also attached.

This morning the PC showed 0 psi, the INT showed 60 psi, and the BH showed 0 psi. This is the first day in which INT pressure has been detected. Int. Casing shoe is @ 3,505'.

Per our discussion, after setting the CICR @ 7,050' we were unsuccessful at establishing injection below the CICR. Hilcorp also attempted to establish circulation up the 2-3/8" tubing X 5-1/2" production casing annulus but were also unsuccessful. We therefore moved forward with pumping PLUG #1 with 18sx Class G cement (with an Est. TOC @ 6,892' & Est. BOC @ 7,050'). After WOC, Hilcorp RIH & tagged TOC with tubing @ 6,966'. We also ran our CBL from tag depth to ~4,050' due to not being able to hold a column of fluid (likely due to the MV perforations).

Moving forward, Hilcorp received verbal approval from the NMCOD to proceed with PLUG #2, PLUG #3, & PLUG #4 based on the results of the CBL. Hilcorp will run another CBL to surface after PLUG #4 is executed. Additionally, after further discussion regarding NMOCD's COAs in the approved NOI regarding RIH open ended to 50' below the MANCOS formation top, the NMOCD agreed to allow Hilcorp to revert to their original procedure as planned for PLUG #3 but now with 100% excess below the CICR: Hilcorp will set a CICR @ 5,468' and then proceed with pumping 50sx (instead of the original 25sx) below the CICR (the equivalent volume needed to 50' below the MANCOS formation top).

Please let me know if you have any questions.

Thanks,

John LaMond
Operations Engineer – Technical Services
Hilcorp Energy Company
1111 Travis
Houston, TX 77002
346-237-2210 (Office)
832-754-9692 (Cell)
jlamond@hilcorp.com

From: Priscilla Shorty <pshorty@hilcorp.com>
Sent: Tuesday, September 17, 2024 4:23 PM
To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; John LaMond <jlamond@hilcorp.com>
Cc: Farmington Regulatory Techs <FarmingtonRegulatoryTechs@hilcorp.com>; Clay Padgett <cpadgett@hilcorp.com>; Lee Murphy <lmurphy@hilcorp.com>; Rustin Mikeska <rmikeska@hilcorp.com>; Matt Gustamantes - (C) <Matt.Gustamantes@hilcorp.com>; Ted Ramos - (C) <Ted.Ramos@hilcorp.com>; Christian Zuvich <Christian.Zuvich@hilcorp.com>
Subject: RE: [EXTERNAL] Request to P&A SAN JUAN 32-7 UNIT 37 (API # 3004511502)

Hi Monica,

The NOI P&A for the subject well has been submitted on OCD Permitting, **ACTION ID 384360.**

Thanks,

Priscilla Shorty
Operations Regulatory Technician
Hilcorp Energy Company

505-324-5188
pshorty@hilcorp.com

From: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Sent: Tuesday, September 17, 2024 1:32 PM
To: John LaMond <jlamond@hilcorp.com>
Cc: Farmington Regulatory Techs <FarmingtonRegulatoryTechs@hilcorp.com>; Clay Padgett <cpadgett@hilcorp.com>; Lee Murphy <lmurphy@hilcorp.com>; Rustin Mikeska <rmikeska@hilcorp.com>; Matt Gustamantes - (C) <Matt.Gustamantes@hilcorp.com>; Ted Ramos - (C) <Ted.Ramos@hilcorp.com>; Christian Zuvich <Christian.Zuvich@hilcorp.com>
Subject: RE: [EXTERNAL] Request to P&A SAN JUAN 32-7 UNIT 37 (API # 3004511502)

John/Christian

After review of attempts to save the well we find that Hilcorp has went as far as they can. Thank you for the information on all that was attempted on the well.

Approval is given to set cement retainer at 7050 and then proceed with the attempt to inject. For a fish we require capacity plus 100% - there is a cibp at 7810 – go for that depth for capacity.

If injection is not achieved continue with the 150 feet at the retainer.

While working on the above, please submit notice of intent through OCD permitting and we can verify formation tops and the rest of your procedure

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

From: John LaMond <jlamond@hilcorp.com>
Sent: Tuesday, September 17, 2024 12:41 PM
To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Cc: Farmington Regulatory Techs <FarmingtonRegulatoryTechs@hilcorp.com>; Clay Padgett <cpadgett@hilcorp.com>; John LaMond <jlamond@hilcorp.com>; Lee Murphy <lmurphy@hilcorp.com>; Rustin Mikeska <rmikeska@hilcorp.com>; Matt Gustamantes - (C) <Matt.Gustamantes@hilcorp.com>; Ted Ramos - (C) <Ted.Ramos@hilcorp.com>; Christian Zuvich <Christian.Zuvich@hilcorp.com>
Subject: [EXTERNAL] Request to P&A SAN JUAN 32-7 UNIT 37 (API # 3004511502)

Good morning Monica,

Thank you for your time on the phone this morning.

As discussed, Hilcorp moved onto the SAN JUAN 32-7 UNIT 37 (API # 3004511502) on 8/29/2024 to remediate a packer failure. Upon moving onto the well, Hilcorp found that the 1.25" tubing (small string) was parted @ 1,023'. Since then Hilcorp has made substantial efforts to recover the fish over the course of the past three weeks, and have now made minimal progress over the past few days.

As it currently sits, there is ~600' of 1.25" tubing in the hole likely wedged together between 7,094' & 7,390' (5.5" packer set depth). Additionally there is 120' of 2-1/16" tubing (long string) sticking up above the packer as well, with the TOF @ 7,270'. We have consistently tagged @ 7,094' over the past few days, and have not been able to recover fish beyond that depth.

Per your request, below outlines the work Hilcorp has performed to date on this workover:

- 8/29 – Rigged up on well, found short string (1-1/4) parted, recovered 33 joints (~1,023')
- 9/3 – Could not make progress on long string, plans made to run e-line
- 9/4 – Ran free point and chemically cut 2-1/16 string at 5,002'
- 9/5 – Laid down 117 joints of 2-1/16 post cutting operations. Ran impression block, and then latched onto 1-1/4 string with overshot. Laid down 29 joints of fish
- 9/6 – Tagged impression block on 1-1/4 fish at 4,520', latched onto fish with overshot, worked stuck pipe with no movement
- 9/9 – Run in hole with free point on 1-1/4 string, cut at 6,111'
- 9/10 – Pull out cut 1-1/4 string and lay down 47 joints. Run in hole with overshot to top of 2-1/16 string at 5,002', work fish, no movement. Run in hole with e-line and cut at 7,270'
- 9/11 – Pull 2-1/16 and lay down 67 joints. Run in hole with overshot for 1-1/4 string, latch fish, and lay down 38 joints with bottom hole assembly
- 9/12 – Run in hole with 2-1/16 overshot, tagged fill ~590 feet above packer. Could not get lower than 6,806'
- 9/13 – Run slickline with bailor and ran through tag. Run in hole with overshot, engage clean out package, and clean out to 7,094', could not latch onto fish
- 9/16 – Run in hole with overshot and kept tagging at 7,094'. Pulled overshot out of hole, recovered 2' piece of 1-1/4" string

Moving forward, Hilcorp requests to P&A this well as follows:

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"** CICR at +/- **7,050'** to isolate the **Dakota Formation**. Sting into CICR, establish injection.
5. **PLUG #1: 96sx of Class G Cement (15.8 PPG, 1.15 yield); DK Perfs @ 7,776' | DK Top @ 7,754' | Prod. Casing Shoe @ 7,740**
   Pump 68sx of cement beneath the 5-1/2" CICR inside the 5-1/2" casing. (est. **TOC @ +/- 7,050'** & est. **BOC @ +/- 7,629'**). Continu
   the 4" liner (est. **TOC @ +/- 7,629'** & est. **BOC @ 7,804'**). Sting out of CICR, pump 18 sack balanced cement plug on top of the CI
   BOC @ +/- 7,050'). Wait on Cement for 4 hours, tag TOC w/ work string. *Note cement plug lengths & volumes account for excess
   injection on below CICR, forego pumping cement below CICR & only pump 150' of Class G cement above CICR.
6. RU Wireline. Run CBL. Record Top of Cement. All subsequent plugs below are subject to change pending CBL results.
7. PU & TIH w/ work string to **+/- 6,745'**.
8. **PLUG #2: 18sx of Class G Cement (15.8 PPG, 1.15 yield); GAL Top @ 6,695':**
   Pump an 18 sack balanced cement plug inside the 5-1/2" casing (est. **TOC @ +/- 6,595'** & est. **BOC @ +/- 6,745'**). Wait on Cemen
   string. *Note cement plug lengths & volumes account for excess.
9. Set a **5-1/2"** CICR at **+/- 5,468'** to isolate the **MV Perfs**.
10. **PLUG #3: 80sx of Class G Cement (15.8 PPG, 1.15 yield); MCS Top @ 5,628' | MV Perfs @ 5,518' | MV Top @ 5,100':**
    Pump 25sx of cement beneath the 5-1/2" CICR (est. **TOC @ +/- 5,468'** & est. **BOC @ +/- 5,678'**). Pump 55 sack balanced cement
    TOC @ +/- 5,000' & est. **BOC @ +/- 5,468'**). Wait on Cement for 4 hours, tag TOC w/ work string. *Note cement plug lengths & vo
    "Note" Amount of cement to be pumped below the CICR will be equivalent volume to 50' below the MCS perforations.
11. Load the hole & pressure test plug & casing to **560 psi**.
12. POOH w/ work string to **+/- 4,530'**.
13. **PLUG #4: 18sx of Class G Cement (15.8 PPG, 1.15 yield); CHC Top @ 4,480':**
    Pump an 18 sack balanced cement plug inside the 5-1/2" casing (est. **TOC @ +/- 4,380'** & est. **BOC @ +/- 4,530'**). *Note cement p
    excess.
14. POOH w/ work string to **+/- 3,555'**.
15. **PLUG #5: 18sx of Class G Cement (15.8 PPG, 1.15 yield); Int. Casing Shoe @ 3,505':**
    Pump an 18 sack balanced cement plug inside the 5-1/2" casing (est. **TOC @ +/- 3,405'** & est. **BOC @ +/- 3,555'**). *Note cement p
    excess.
16. POOH w/ work string to **+/- 3,158'**.
17. **PLUG #6: 18sx of Class G Cement (15.8 PPG, 1.15 yield); PC Top @ 3,108':**
    Pump an 18 sack balanced cement plug inside the 5-1/2" casing (est. **TOC @ +/- 3,008'** & est. **BOC @ +/- 3,158'**). *Note cement p
    excess
18. TOOH w/ work string. TIH & perforate squeeze holes @ **+/- 2,610'**. RIH w/ **5-1/2" CICR** and set CICR @ **+/- 2,560'**. TIH w/ work stri
    injection.
19. **PLUG #7: 236sx of Class G Cement (15.8 PPG, 1.15 yield); FRD Top @ 2,560' | KRD Top @ 2,301' | OJO Top @ 2,144':**
    Pump 116sx of cement in the 7-5/8" casing X 9-7/8" open hole annulus (est. **TOC @ +/- 1,991'** & est. **BOC @ +/- 2,610'**). Continue
    1/2" casing X 7-5/8" casing annulus (est. **TOC @ +/- 1,991'** & est. **BOC @ +/- 2,610'**). Pump an additional 6sx of cement beneath t
    2,560' & est. **BOC @ +/- 2,610'**). Sting out of retainer, pump a 60 sack balanced cement plug on top of the CICR. (est. **TOC @ +/-**
    WOC for 4 hrs, tag TOC w/ work string. *Note cement plug lengths and volumes account for excess.
20. TOOH w/ work string. TIH & perforate squeeze holes @ **+/- 1,361'**. RIH w/ **5-1/2" CICR** and set CICR @ **+/- 1,311'**. TIH w/ work stri

***Please note that if we are unsuccessful at establishing injection below the CICR @ 7,050', Hilcorp requests to forego pumping cement below the CICR and proceed with pumping 150' cement plug above the CICR.**

This procedure as well as the updated wellbore schematic is attached with formation tops.

Please note that we will formally submit this well to the NMOCD website.

Please let me know if you have any questions.

Thanks,

John LaMond
Operations Engineer – Technical Services
Hilcorp Energy Company
1111 Travis
Houston, TX 77002
346-237-2210 (Office)
832-754-9692 (Cell)
jlamond@hilcorp.com

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District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
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

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 387374
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	well plugged 9/25/2024	10/2/2024