U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Sundry Print Report

12/06/2024

Well Name: SAN JUAN 32-8 UNIT

Well Location: T31N / R8W / SEC 11 / SESW / 36.907285 / -107.647938

County or Parish/State: SAN JUAN / NM

Well Number: 18

Type of Well: CONVENTIONAL GAS WELL

Allottee or Tribe Name:

Lease Number: NMSF079047

Unit or CA Name: SAN JUAN 32-8 UNIT--DK, SAN JUAN 32-8 UNIT--MV

Unit or CA Number: NMNM78424A, NMNM78424D

US Well Number: 3004534152

Operator: HILCORP ENERGY COMPANY

Subsequent Report

Sundry ID: 2824955

Type of Submission: Subsequent Report

Type of Action: Other

Date Sundry Submitted: 12/02/2024

Time Sundry Submitted: 11:37

Date Operation Actually Began: 09/05/2024

Actual Procedure: Hilcorp Energy Company has performed the DFIT procedure, attached please find the operations to note the Mancos perforations. An additional NOI will be filed prior to squeezing off the DFIT testing area and returning the well to production. This well is not producing from the Mancos, only pressure monitoring. The MV/DK are currently isolated and shut in during testing.

SR Attachments

Actual Procedure

SAN_JUAN_32_8_UNIT_18_SR_DFIT_Writeup_20241202113708.pdf

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Operator: HILCORP ENERGY COMPANY

Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: AMANDA WALKER

Signed on: DEC 02, 2024 11:37 AM

Name: HILCORP ENERGY COMPANY

Title: Operations/Regulatory Technician

Street Address: 1111 TRAVIS ST

City: HOUSTON **State:** TX

Phone: (346) 237-2177

Email address: MWALKER@HILCORP.COM

Field

Representative Name:

Street Address:

City: **State:** **Zip:**

Phone:

Email address:

BLM Point of Contact

BLM POC Name: MATTHEW H KADE

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647736

BLM POC Email Address: MKADE@BLM.GOV

Disposition: Accepted

Disposition Date: 12/03/2024

Signature: Matthew Kade

Form 3160-5
(June 2019)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2021

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE *- Other instructions on page 2*

5. Lease Serial No.

6. If Indian, Allottee or Tribe Name

7. If Unit of CA/Agreement, Name and/or No.

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

8. Well Name and No.

2. Name of Operator

9. API Well No.

3a. Address

3b. Phone No. *(include area code)*

10. Field and Pool or Exploratory Area

4. Location of Well *(Footage, Sec., T.,R.,M., or Survey Description)*

11. Country or Parish, State

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
☐ Final Abandonment Notice	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be perfonned or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has detennined that the site is ready for final inspection.)

14. I hereby certify that the foregoing is true and correct. Name *(Printed/Typed)*

Title

Signature

Date

THE SPACE FOR FEDERAL OR STATE OFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.
AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.
PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c)and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.
ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.
EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:
The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.
Response to this request is mandatory.
The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect ofthis form to U.S. Department ofthe Interior, Bureau ofLand Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

Additional Information

Location of Well

0. SHL: SESW / 1070 FSL / 1721 FWL / TWSP: 31N / RANGE: 8W / SECTION: 11 / LAT: 36.907285 / LONG: -107.647938 (TVD: 0 feet, MD: 0 feet)

BHL: SESW / 1070 FSL / 1721 FWL / TWSP: 31N / SECTION: / LAT: 36.907285 / LONG: 107.647938 (TVD: 0 feet, MD: 0 feet)

Hilcorp Energy Company

Well Operations Summary L48

Well Name: SAN JUAN 32-8 UNIT #18

API: 3004534152	**Field: MV/DK COM**	**State: NEW MEXICO**
Permit to Drill (PTD) #:	**Sundry #:**	**Rig/Service: RIGLESS 1**

Jobs

Actual Start Date: 9/5/2024 **End Date:**

Report Number	Report Start Date	Report End Date
1	9/5/2024	9/5/2024

Operation
CREW TRAVEL TO SUSCO 16 STATE 101
PJSM. LOAD EQUIPMENT. MOB EQUIPMENT AND RIG TO SAN JUAN 32-8 #18 (10 MILE MOVE).
SPOT IN RIG, RIG UP.
CK PRESSURES, SICP 93 PSI, SITP 50 PSI, SIINTP 42 PSI, SIBHP 0 PSI. 5 MIN BLOW DOWN ON CASING. BLED DOWN INT CASING FROM 42 PSI TO 11 PSI IN 20 MIN. SHUT IN AND BACK TO 42 PSI IN 3 MIN. N/D WELLHEAD, DIFFICULT TO REMOVE BOLTS. N/U AND FUNCTION TEST BOP.
P/U JT, PULL AND REMOVE TBG HANGER. TIH AND TAG 20' IN @ 8,107. (73' FILL). L/D TAG JT.
PJSM WITH PREMIER NDT AND RAMON Q.
RU PREMIER NDT SCANNING EQUIPMENT. TOOH INSPECTING 2 3/8" J-55 TBG. 74-YELLOW, 65-BLUE, 36-GREEN, 88-RED. DOWNGRADED 189 JTS. BTM 63 JTS HAS HEAVY CORROSION. MULE SHOE CLEAR. FOUND 3 SLIP STOP IN JT 263. R/D PREMIER NDT SCANNING EQUIPMENT.
SISW, DEBRIEF CREW, SDFN.
CREW TRAVEL TO YARD.

Report Number	Report Start Date	Report End Date
2	9/6/2024	9/6/2024

Operation
SAFTEY MEETING AT CCWS YARD.
CREW TRAVEL TO LOCATION.
PJSM, SICP: 100 PSI SITP: 0 PSI SIINTP: 100 PSI SIBHP: 0 PSI BDW 15 MIN INT CASING BLED DOWN WHILE BLEEDING DOWN 4-1/2" PROD CASING.
SWAP OUT TBG FLOATS.
M/U 3-7/8" BIT, 4-1/2" CASING SCRAPER, BIT SUB, FLOAT, TALLY AND TIH 43 STDS. TALLY AND P/U NEW TUBING TO 8,000'.
TOOH WITH 4-1/2" CASING SCRAPER. BREAK AND L/D SCRAPER BHA.
M/U SELECT 4-1/2" RBP ABD 4-1/2" AS1-X PACKER TO RUN TANDEM, TIH **SET RBP @ 7,842'**. SETTING 15K DOWN AND PULLING 15K OVER. J-OFF RBP. L/D 1 JT. EOT @ 5,105'.
ROLL THE HOLE WITH FW. (CAPACITY 74 BBLS). EST CIRC WITH 107 BBLS.
PRESSURE TEST 4 1/2" CSG TO 600 PSI. MATCHING PRESSURE ON 7" INT CSG. TESTED GOOD FOR 10 MIN, RAN OUT OF DAYLIGHT. BLEED PRESSURE OFF.
SISW, DEBRIEF CREW, SDFWE.
CREW TRAVEL BACK TO YARD.

Report Number	Report Start Date	Report End Date
3	9/9/2024	9/9/2024

Operation
CREW TRAVEL TO LOCATION.
PJSM WITH EVERYONE ON LOCATION. SICP: 0 PSI SITP: 0 PSI SIINTP: 0 PSI SIBHP: 0 PSI BDW 0 MIN
LEFT RBP @ 5,130'. TOOH WITH 4-1/2" AS1-X PACKER TO 2,658'.
ISOLATED LEAK IN 4-1/2" PROD CSG FROM, 1,115' TO 1,146'. 4-1/2" CASING TESTED GOOD TO 600 PSI FROM 1,115' TO SURFACE AND FROM 1,146' TO RBP @ 5,130'. RELEASE 4-1/2" AS1-X PKR.
TOOH WITH SELECT 4-1/2" AS1-X PACKER. BREAK AND L/D TOOLS.
DIG OUT AROUND WELL HEAD TO EXPOSE 11" 3K FLANGE AND 2" INT CASING VALVE.
CIRC 50 BBLS FW DOWN 4-1/2" CASING AND UP 7"X4-1/2" ANNULUS TO CHECK RATE AND CLEAN UP BEHIND 4-1/2". EST CIRC AND PUMP 2 BPM @ 300-400 PSI. RETURNS CLEAN.
SISW, DEBRIEF CREW, SDFN. W/O STATE APPROVAL FOR REMEDIATION PLAN.
CREW TRAVEL TO YARD.

Report Number	Report Start Date	Report End Date
4	9/10/2024	9/10/2024

Operation
CREW TRAVEL TO LOCATION.

Hilcorp Energy Company

Well Operations Summary L48

Well Name: SAN JUAN 32-8 UNIT #18

API: 3004534152	Field: MV/DK COM	State: NEW MEXICO
	Sundry #:	Rig/Service: RIGLESS 1

Operation
PJSM WITH EVERYONE ON LOCATION. CHECK FLUID LEVELS IN 4-1/2" CASING AND INT CASING. BOTH STILL FULL. SICP: 0 PSI SITP: 0 PSI SIINTP: 0 PSI SIBHP: 0 PSI BDW 0 MIN
TIE BACK SINGLE LINE WITH RIG TO PULL 4-1/2" CASING.
R/D FLOOR AND EQUIPMENT, N/D BOP AND TBG HEAD.
THREADS INSIDE CASING MANDREL ARE CORRODED AND NOT ABLE TO THREAD INTO. P/U CASING SPEAR FOR 4-1/2" 10.5# CASING. SPEAR CASING AND PULL 55K TO GET MANDREL TO MOVE. PULL UP TO 85K FOR ENOUGH ROOM TO SET SLIPS. SET CASING SLIPS, RELEASE AND L/D SPEAR. BREAK AND L/D CASING MANDREL. SPEAR CASING AGAIN AND REMOVE SLIPS, RELAX 4-1/2" CASING BACK DOWN 1.7'. RELEASE AND L/D SPEAR.
CHANGE PIPE RAMS IN BOP TO 4-1/2". COULD NOT GET BUSHING INSIDE TBG HEAD OUT, REPLACE WITH DIFFERENT TBG HEAD. N/U TBG HEAD, N/U BOP. R/U FLOOR. THE WIRELINE GROUP TRUCK SPOTTED IN AND PREP TO R/U.
R/U WIRELINE WITH WIRE REAN THROUGH SPEAR. P/U CASING SPEAR. SPEAR 4-1/2" CASING AND PULL UP TO 14K. CASING SHOT WEIGH 12.6K TO 1,206', RIH WITH BACKOFF SHOT, SEEN A KICK ON CCL IN APROX AREA OF HOLE @ 1,126'. CASING COLLAR @ 1,206'. PUT 1/2 ROUND TO THE LEFT WITH POWER TONGS AND FIRE BACK OFF SHOT. TURN CASING 1.5 ROUNDS AND SPOT. POOH WITH WIRELINE. R/D WIRELINE TRUCK. P/U SPEAR, SPEAR CASING AND FINISH MAKING BACK -OFF @ 1,206'. PICK UP, CASING FREE. PULL CASING THROUGH BOP, SET SLIPS AND CLAMP OFF. RELEASE SPEAR. BREAK AND L/D SPEAR BHA. TORQUE UP CASING COLLAR ON TOP OF 4-1/2".
R/U SAN JUAN CASING CREW.
L/D 28 JTS 4-1/2" CASING. 1,215' WITH KB. FOUND 3 HOLES IN CASING ABOUT 1/8" x 1/2"
SWAP OUT CASING FLOATS. MAKE CUT LIP IN BTM JT OF 4-1/2" CASING.
TALLY AND P/U 29 JTS 4-1/2" 11.6# J-55 CASING INSTALL SAFETY VALVE IN LAST JT. TAG UP AND ROTATE TO THE LEFT AND FALL IN CSG COLLAR. ROTATE TO THE RIGHT 5 TURNS WITH PIPE WRENCH. TORQUE UP WITH POWER TONGS. WOTK CSG TO 24K AND REPEAT TORQUE.
PRESSURE TEST 4-1/2" CSG TO 600 PSI. GOOD TEST.
RIG DOWN CASING CREW.
SISW, DEBRIEF CREW, SDFN.
CREW TRAVEL TO YARD.

Report Number	Report Start Date	Report End Date
5	9/11/2024	9/11/2024

Operation
CREW TRAVEL TO LOCATION.
PJSM WITH EVERYONE ON LOCATION. SICP: 0 PSI SITP: 0 PSI SIINTP: 0 PSI SIBHP: 0 PSI BDW 0 MIN
PRESSURE TEST 4-1/2" CASING TO 600 PSI. GOOD TEST.
N/D AND STRIP OFF BOP STACK, FLOW CROSS AND TBG HEAD OVER 4-1/2" CASING.
SET CASING SLIPS WITH 28K TENSION. CUT OFF 4-1/2" CSG. INSTALL H PLATE.
N/U TBG HEAD AND TEST VOID TO 2,500 PSI. GOOD TEST. N/U FLOW CROSS AND BOP WITH 2-3/8" PIPE RAMS. R/U FLOOR AND EQUIPMENT.
P/U SELECT RET HEAD. TIH TO 5,115'. INSTALL SAFETY VALVE IN TOP OF SINGLE. P/U SINGLE AND LATCH ONTO RBP @ 5,130', LET EQUALIZE. RELEASE RBP AND TIH 15' PAST WHERE ORIGINALLY SET. REMOVE SAFETY VALVE.
TOOH WITH RBP, FELT A BUMP WHEN GOING THROUGH SCREW IN SPOT @ 1,215'. CONT TO TOOH. BREAK AND L/D RBP.
M/U SELECT 4-1/2" CIBP, TIH SLOWLY, EASE DOWN TO 1,215', DID NOT FEEL ANYTHING GOING THROUGH. CONT TO TIH, CIBP STARTING TAKING WEIGHT 150' HIGH @ 7,842'. TRY TO WORK CIBP UP AND DOWN EASY BUT WOULD NOT MOVE. FINISH SETTING CIBP. RELEASE OFF.
TOOH WITH SETTING TOOL ABOVE MV PERFS TO 5,118'.
SISW, DEBRIEF CREW, SDFN.
CREW TRAVEL TO YARD.

Report Number	Report Start Date	Report End Date
6	9/12/2024	9/12/2024

Operation
CREW TRAVEL TO LOCATION.
PJSM WITH EVERYONE ON LOCATION. SICP: 120 PSI SITP: 150 PSI INT: 0 PSI BH: 0 PSI BDW 10 MIN
TOOH WITH SETTING TOOL. BREAK AND L/D SETTING TOOL.
P/U SELECT 4-1/2" LHS AS1-X PACKER WITH 2-3/8" UPSTRAIN UNLOADER SUB ONE JT ABOVE PACKER. TIH AND SET PACKER @ 5,130'

Hilcorp Energy Company

Well Operations Summary L48

Well Name: SAN JUAN 32-8 UNIT #18

API: 3004534152	Field: MV/DK COM	State: NEW MEXICO
	Sundry #:	Rig/Service: RIGLESS 1

Operation
TOP FILL 4-1/2" x 2-3/8" ANNULUS 52 BBLS, BLED OUT AIR AND TOP FILL AGAIN SEVERAL TIMES UNTIL ALL AIR BLED OUT.
PERFORM STATE WITNESSED MIT TEST FROM PACKER @ 5,130' TO SURFACE ON 4-1/2" CSG. (TEST PASSED). BLEED OFF PRESSURE.
SLACK OFF AND OPEN UNLOADER SUB, LET EQUALIZE. RELEASE PACKER. TIH AND SET PACKER @ 6,230'
TOP FILL DOWN TBG 24 BBLS. PRESSURE TEST TO 600 PSI. LEAKING OFF 20 PSI/MIN. BLED AIR OUT AND TRY TO TEST SEVERAL TIMES. LEAKING 20 PSI/MIN EACH TIME.
SLACK OFF AND OPEN UNLOADER SUB, LET EQUALIZE. TIH AND SET PACKER @ 7,817'.
TOP FILL TBG AND TEST TO 600 PSI. GOOD TEST FROM 7,817' TO CIBP @ 7,847'.
SLACK OFF AND OPEN UNLOADER SUB, LET EQUALIZE. RELEASE PACKER AND TOOH ABOVE MV PERFS TO 5,120'.
SISW, DEBRIEF CREW, SDFN.
CREW TRAVEL TO YARD.

Report Number	Report Start Date	Report End Date
7	9/13/2024	9/13/2024

Operation
CREW TRAVEL TO LOCATION.
PJSM WITH EVERYONE ON LOCATION.
TIH WITH SELECT 4-1/2" AS1-X LKS PACKER FROM 5,120'. SET PACKER @ 6,230'.
FILL TBG 21 BBLS, PRESSURE TEST FROM 6,230' TO CIBP @ 7,842'. LEAKING 20 PSI/MIN.
SLACK OFF AND OPEN UNLOADER SUB, LET EQUALIZE. RELEASE PACKER AND TIH. SET PACKER @ 7.080'.
FILL TBG 21 BBLS AND PRESSURE TEST FROM 7.080' TO CIBP @ 7,842'. LEAKING 50 PSI/MIN.
SLACK OFF AND OPEN UNLOADER SUB, LET EQUALIZE. RELEASE PACKER AND TIH. SET PACKER @ 7.280'. HAD ISSUES SETTING PACKER. TOOK SEVERAL ATTEMPTS. PACKER WOULD TAKE WEIGHT BUT NOT PULL INTO TENSION. FINALLY HAD 15K TENSION PULLED INTO PACKER @ 7,280'.
BEGIN PUMPING DOWN TBG, AFTER 15 BBLS AWAY, PACKER LET GO AND RELEASED. COULD NOT GET PACKER TO SET AGAIN.
TOOH WITH SELECT 4-1/2" AS1-X PACKER. BREAK AND L/D TOOLS. MISSING 2 ELEMENTS ON PACKER. BREAK AND L/D PACKER. P/U SELECT 4-1/2" LHS AS1-X PACKER AND 4-1/2" RBP TANDEM. TIH AND SET PACKER @ 7,280'.
PRESSURE TEST TO 600 PSI. 60 PSI/MIN LEAK. SLACK OFF OPEN UNLOADER SUB, LET EQUALIZE. RELEASE PACKER AND TIH TO 7,565'. PRESSURE TEST TO 600 PSI. SAME 60 PSI/MIN LEAK. SLACK OFF OPEN UNLOADER SUB, LET EQUALIZE. RELEASE PACKER
TOOH ABOVE MV PERFS TO 5,120'
SISW, DEBRIEF CREW, SDFWE.
CREW TRAVEL TO YARD.

Report Number	Report Start Date	Report End Date
8	9/16/2024	9/16/2024

Operation
CREW TRAVEL TO LOCATION.
PJSM WITH CREW AND TOOLHAND. SICP: 140 PSI SITP: 160 PSI INT: 0 PSI BH: 0 PSI BDW 10 MIN
TIH WITH PACKER AND RBP FROM 5,120'. SET PACKER @ 7,691'.
PRESSURE TEST FROM 7,690' TO CIBP @ 7,847' 600 PSI. 80 PSI/MIN LEAK. BLED OFF AND TRY AGAIN, SAME 80 PSI/MIN LOSS. SLACK OFF AND OPEN UNLOADER SUB, LET EQUALIZE. RELEASE PKR AND TIH AND SET PKR @ 7,752'. TEST TO 600 PSI. GOOD TEST. TOOH AND SET PKR @ 7,720'. PRESSURE TEST TO 600 PSI FROM 7,720' TO CIBP @ 7,842' GOOD TEST. SLACK OFF AND OPEN UNLOADER SUB, LET EQUALIZE. PULL UP AND SET RBP @ 7,690'. TRY TO SET PKR SEVERAL TIMES @ 7,658', WOULD NOT PULL INTO TENSION. DISCUSS WITH SCOTT A.
TIH LATCH ONTO RBP, RELEASE RBP AND TOOH WITH TOOLS. MISSING 2 ELEMENTS ON PACKER. TIH OPEN ENDED WITH MULE SHOE ON BTM TO 7,720'.
SISW, DEBRIEF CREW, SDFN.
CREW TRAVEL TO YARD.

Report Number	Report Start Date	Report End Date
9	9/17/2024	9/17/2024

Operation
CREW TRAVEL TO LOCATION.
SAFETY MEETING WITH ALL PERSONEL ON LOCATION.   SICP: 120 PSI SITP: 0 PSI SIINTP: 0 PSI SIBHP: 0 PSI BDW 2 MIN
RIH WITH SAND LINE TO VERIFY FLUID LEVEL FOR BLIND CMT PLUG. FLUID LEVEL @ 6,100'. DRAKE CEMENT TRUCKS SPOTTING IN AND GETTING READY.
R/U DRAKE CMT, PUMP 3 BBLS AHEAD, MIX AND PUMP 3.65 BBLS TYPLE III BLEND @ 13.5PPG. DISPLACE WITH 4 BBLS FW. LET CMT SETTLE OUT FOR 15 MIN. EOT @ 7,720', EST. TOC @ 7,485'.

Hilcorp Energy Company

Well Operations Summary L48

Well Name: SAN JUAN 32-8 UNIT #18

API: 3004534152	Field: MV/DK COM	State: NEW MEXICO
	Sundry #:	Rig/Service: RIGLESS 1

Operation
TOOH SLOWLY WHILE PULLING OUT OF CMT AND UNTIL ABOVE FLUID LEVEL @ 6,100', CONT TO TOOH. TO 2,600'. SHUT DOWN FOR 30 MIN DUE TO LIGHTNING. CONT TO TOOH. P/U 4-1/2" AS1-X PACKER WITH 2-3/8" UNLOADER SUB, TIH TO 6,230'.
FILL TBG 23 BBLS AND PRESSURE UP ON CMT SQUEEZE TO 600 PSI. LET PRESSURE DROP TO 400 PSI. 600 PSI - 500 PSI - 1 MIN 2.5 STKS TO PRESSSURE BACK UP TO 600 PSI. 600 PSI - 500 PSI - 3 MIN 2 STKS TO PRESSSURE BACK UP TO 600 PSI. 600 PSI - 500 PSI - 3 MIN 2 STKS TO PRESSSURE BACK UP TO 600 PSI. 600 PSI - 500 PSI - 4 MIN 2.5 STKS TO PRESSSURE BACK UP TO 600 PSI. 600 PSI - 500 PSI- 3 MIN 3.5 STKS TO PRESSSURE BACK UP TO 600 PSI. 600 PSI - 500 PSI - 4 MIN 2.5 STKS TO PRESSSURE BACK UP TO 600 PSI. 600 PSI - 400 PSI - 7 MIN 3.5 STKS TO PRESSSURE BACK UP TO 600 PSI. 600 PSI - 400 PSI - 8 MIN 4 STKS TO PRESSSURE BACK UP TO 600 PSI. 600 PSI - 400 PSI - 8 MIN 4 STKS TO PRESSSURE BACK UP TO 600 PSI. 600 PSI - 400 PSI - 8.5 MIN 4 STKS TO PRESSSURE BACK UP TO 600 PSI. 600 PSI - 400 PSI - 9 MIN 3.5 STKS TO PRESSSURE BACK UP TO 600 PSI. 600 PSI - 400 PSI - 11 MIN 3.5 STKS TO PRESSSURE BACK UP TO 600 PSI. 600 PSI - 400 PSI - 11 MIN 4 STKS TO PRESSSURE BACK UP TO 600 PSI. 600 PSI - 400 PSI - 12 MIN 3.5 STKS TO PRESSSURE BACK UP TO 600 PSI. 600 PSI - 400 PSI - 12 MIN 3.5 STKS TO PRESSSURE BACK UP TO 600 PSI. 600 PSI - 400 PSI - 13 MIN 3.5 STKS TO PRESSSURE BACK UP TO 600 PSI. 600 PSI - 400 PSI - 13 MIN 3.5 STKS TO PRESSSURE BACK UP TO 600 PSI. 600 PSI - 400 PSI - 14 MIN 4 STKS TO PRESSSURE BACK UP TO 600 PSI. 600 PSI - 400 PSI - 14 MIN 4 STKS TO PRESSSURE BACK UP TO 600 PSI. 600 PSI - 400 PSI - 15 MIN 4 STKS TO PRESSSURE BACK UP TO 600 PSI. 600 PSI - 400 PSI - 15 MIN 4 STKS TO PRESSSURE BACK UP TO 600 PSI.
SISW, DEBRIEF CREW, SDFN.
CREW TRAVEL TO YARD.

Report Number	Report Start Date	Report End Date
10	9/18/2024	9/18/2024

Operation
CREW TRAVEL TO LOCATION. SICP: 100 PSI SITP: 0 PSI SIINTP: 0 PSI SIBHP: 0 PSI BDW 2 MIN
PJSM WITH CREW AND TOOL HAND.
TBG WAS ON A VACUUM. .5BBL TO FILL TBG. PRESSURE TEST TO 600 PSI. LOSING 100 PSI IN 7.5 MIN. BLED OFF AND TEST AGAIN TO 600 PSI. SAME 100 PSI LOSS IN 7.5 MIN.
SLACK OFF AND OPEN UNLOADER SUB, LET EQUALIZE. RELEASE PACKER. TIH TAG TOC, FELT A SLIGHT BUMP FROM 7,700 TO 7,720', CONT TO TIH AND TAG CIBP @ 7,842'. TOOH AND SET PKR @ 7,720'.
PRESSURE TEST FROM 7,720' TO CIBP @ 7,842' TO 600 PSI. AVG 13 PSI/MIN LOSS. BLED OFF AND TRY SEVERAL TIMES TO BLEED OUT ANY AIR. SAME 13 PSI/MIN LOSS ON EVERY TEST. SLACK OFF AND OPEN UNLOADER, LET EQUALIZE. RELEASE PKR AND TIH, TRY TO SET @ 7,815', TRY SEVERAL TIMES COULD NOT GET IT TO SET. TRY TO WORK PKR UP AND DOWN TO FLUSH OUT. STILL COULD NOT SET PKR.
TOOH WITH PKR. TRY SETTING SEVERAL TIMES ON THE WAY OUT. PKR WOULD NEVER PULL TENSION. ELEMENTS ARE STILL IN DECENT CONDITION, CEMENT INSIDE J-CAGE, AND AROUND ELEMENTS. 1' OF CEMENT INSIDE PUP JT BELOW PKR.
NIPPLE DOWN STRIPPING HEAD TO GET READY FOR WIRELINE.
PJSM. R/U THE WIRELINE GROUP.
RIH WITH 3.625 GR/JB. TAG HIGH @ 5,879'. TRY TO WORK DOWN SEVERAL TIMES, TAGGING SOLID. POOH WITH TOOLS. FRESH SMALL MARKS ON OD AND FACE OF GUAGE RING. DISCUSS WITH SCOTT A. DECIDE TO RUN STRING MILL.
R/D WIRELINE.
SISW, DEBRIEF CREW, SDFN.
CREW TRAVEL TO YARD.

Report Number	Report Start Date	Report End Date
11	9/19/2024	9/19/2024

Operation
CREW TRAVEL TO LOCATION.
PJSM WITH CREW. SICP: 50 PSI SITP: 0 PSI SIINTP: 0 PSI SIBHP: 0 PSI BDW 1 MIN
P/U 3-7/8" TAPERED MILL AND 3-7/8" STRING MILL, TIH TO 5,879', WORK THROUGH SPOT ,WIRELINE TAGGED SEVERAL TIMES AND ROTATE TBG. DID NOT FEEL OR SEE ANYTHING. CONT TO TIH, LIGHT TAG TAG HIGH 7,792' WORK DOWN TO 7,822'.
R/U AIR UNIT, R/U POWER SWIVEL. CHANGE STRIPPING RUBBER.

Hilcorp Energy Company

Well Operations Summary L48

Well Name: SAN JUAN 32-8 UNIT #18

API: 3004534152	**Field: MV/DK COM**	**State: NEW MEXICO**
	Sundry #:	**Rig/Service: RIGLESS 1**

Operation
START AIR/MIST 1,200 CFM, 12 BPH MIST. 1 GAL SOAP. 1 GAL CI. EST CIRC AND C/O FROM 7,822' TO 7,842'. CIRC CLEAN. PUMP 25 BBLS TO FILL 4-1/2" CSG FROM 7,842 TO PERFS @ 6,180'. R/D POWER SWIVEL.
TOOH WITH STRING MILL BHA. BREAK AND L/D TOOLS.
R/U BASIN WIRELINE.
RIH WITH SEMI COMPOSITE PLUG. TAG CIBP @ 7,842' P/U 2' AND **SET SCBP @ 7,840'**. POH WITH SETTING TOOL.
R/D BASIN WIRELINE, N/U STRIPPING HEAD.
P/U 4-1/2" FULLBORE PKR, UNLOADER SUB ONE JT ABOVE PKR. TIH TO 5,120'.
SISW, DEBRIEF CREW, SDFN.
CREW TRAVEL TO YARD.

Report Number	Report Start Date	Report End Date
12	9/20/2024	9/20/2024

Operation
CREW TRAVEL TO LOCATION.
PJSM WITH CREW. SICP: 120 PSI SITP: 110 PSI SIINTP: 0 PSI SIBHP: 0 PSI BDW 2 MIN
TIH WITH SELET FULLBORE PKR FROM 5,120'. SET PKR @ 7,724'.
FILL TBG 23 BBLS, PRESSURE TEST 4-1/2" CSG from 7,724'-7,840 TO 600 PSI. INITAL PRESSURE CLIMBS UP, BLEED OFF AND KEEP @ 600 PSI UNTIL STABILIZED TOOK 20 MIN. HELD 600 PSI FOR 15 MIN AND STARTS LEAKING OFF 5 PSI/MIN. TRY TO BLED ANY AIR OUT BUT STILL SAME LOSS ON 2ND ATTEMPT. SLACK OFF AND OPEN UNLOADER, LET EQUALIZE 30 MIN. RELEASE PKR, TIH AND TRY TO SET @ 7,822', COULD NOT GET PACKER TO SET. TOOH 10 STDS. TRY SETTING AGAIN AND WAS ABLE TO SET AND RELEASE PKR. TIH AND SET PKR @ 7,822'. FILL TBG 20 BBLS AND TEST TO 600 PSI. SAME AS BEFORE, PRESSURE INCREASES FIRST 20 MIN, THEN STABILIZES FOR 15 MIN. BEGIN LEAKING OFF THIS TIME 2.5 PSI/MIN. DISCUSS WITH SCOTT A. P/U PUP JTS AND SET PKR 2' ABOVE PLUG @ 7,838'. FILL TBG 20 BBLS, PRESSURE TEST TO 600 PSI, SAME 20 MIN PRESSURE INCREASE, 15 MIN STABILIZED. LOST 30 PSI IN 30 MIN BUT PRESSURE STABILIZED @ 580 PSI FOR 30 MIN.
RELEASED PKR AND PULLED 1' AND PKR HUNG UP. TRY TO WORK PKR FREE. SAFETY PACKER.
TOOH WITH PKR. BREAK AND L/D TOOLS.
SISW, DEBRIEF CREW, SDFN.
CREW TRAVEL TO YARD.

Report Number	Report Start Date	Report End Date
13	9/21/2024	9/21/2024

Operation
CREW TRAVEL TO LOCATION.
PJSM WITH CREW. SICP: 100 PSI SITP: 0 PSI SIINTP: 0 PSI SIBHP: 0 PSI BDW 2 MIN
P/U 4-1/2" RBP AND 4-1/2" LHS AS1-X PKR TANDEM. TIH.
SET PKR @ 7.660'. PRESSURE TEST DOWN TO COMPOSITE PLUG @ 7,840' TO 600 PSI. 40 PSI/MIN LOSS. SALCK OFF TO OPEN UNLOADER SUB, LET EQUALIZE 30 MIN. RELEASE PKR. PULL UP 8' AND SET RBP @ 7,670', J-OFF PLUG AND SET PKR @ 7,828'. PRESSURE TEST FROM PKR TO RBP 600 PSI. (GOOD TEST). (WATCH PRESSURE FOR 2.5 HRS DUE TO LIGHTNING AND HAIL). SLACK OFF TO OPEN UNLOADER SUB, LET EQUALIZE 30 MIN. RELEASE PKR AND TOOH TO 6,220'. SET PKR 6,220' AND TEST DOWN TO RBP @ 7,670'. PRESSURE TEST TO 600 PSI. (GOOD 30 MIN TEST).
SLACK OFF AND OPEN UNLOADER, LET EQUALIZE. RELEASE PKR. TIH AND LATCH ONTO RBP, LET EQUALIZE. RELEASE PLUG. TOOH ABOVE MV PERFS TO 5,120'.
SISW, DEBRIEF CREW. SDFN.
CREW TRAVEL TO YARD.

Report Number	Report Start Date	Report End Date
14	9/23/2024	9/23/2024

Operation
CREW TRAVEL TO LOCATION.
PJSM WITH CREW. SICP: 100 PSI SITP: 100 PSI SIINTP: 0 PSI SIBHP: 0 PSI BDW 3 MIN
TOOH WITH RBP AND PKR FROM 5,120'. BREAK AND L/D TOOLS. TIH OPEN ENDED TO 7,838'.

Hilcorp Energy Company

Well Operations Summary L48

Well Name: SAN JUAN 32-8 UNIT #18

API: 3004534152	Field: MV/DK COM	State: NEW MEXICO
	Sundry #:	Rig/Service: RIGLESS 1

Operation
WAITING ON DRAKE CEMENTING CREW TO ARRIVE. RIG CREW WORKING ON MUD PUMP AND INSTALLING NEW SAFETY CABLES ON POWER SWIVEL.
R/U DRAKE CEMENT TRUCK.
PUMP 3 BBLS AHEAD FW. 5 BBLS 15.4PPG CLASS G, 4.5 BBLS FW DISPLACMENT. LET CEMENT SETTLE FOR 30 MIN.
TOOH PULLING FIRST 6 STDS VERY SLOWLY. LIGHT CMT SHEATH INSIDE TBG LAST 25 STDS 1,545'. LIGHT CMT SHEATH ON OUTSIDE OF TBG LAST 5 STDS. P/U 4-1/2" AS1-X PKR AND UNLOADER SUB, TIH 26 STDS TO 1,615' AND FLUSH TBG WITH 20 BBLS FW.
SISW, DEBRIEF CREW, SDFN.
CREW TRAVEL TO YARD.

Report Number	Report Start Date	Report End Date
15	9/24/2024	9/24/2024

Operation
CREW TRAVEL TO LOCATION.
PJSM WITH CREW. SICP: 60 PSI SITP: 60 PSI SIINTP: 0 PSI SIBHP: 0 PSI BDW 1 MIN
CONT TO TIH FROM 1,615'. SET PKR @ 6,222'.
FILL TBG 20 BBLS AND CATCH PRESSURE.
PRESSURE TEST TO 600 PSI. BLEED THE AIR OUT SEVERAL TIMES. PERFORM MOCK MIT AND CHART WHILE WAITING ON NMOCD. MONICA WITH NMOCD CALLED AND SAID SHE WOULD NOT BE ABLE TO MAKE IT OUT, BUT WE COULD PROCEED WITH OUR MIT AND EMAIL HER. PERFORM MIT AND EMAIL OFF TO MONICA WITH NMOCD, SHE WANTS A TOC TAG DEPTH.
RELEASE PKR AND TIH TO TAG. TOC @ 7,468'. INFORM MONICA OF TAG DEPTH. (GOOD TEST).
L/D 8,000' 2-3/8" EUE TBG.
SISW, DEBRIEF CREW, SDFN.
CREW TRAVEL TO YARD.

Report Number	Report Start Date	Report End Date
16	9/25/2024	9/25/2024

Operation
CREW TRAVEL TO LOCATION.
PJSM WITH ALL PERSONNEL ON LOCATION.
SWAP OUT TBG FLOATS, CHANGE OVER TO 2-7/8" HANDLING TOOLS. R/D POWER SWIVEL.
R/U WILSON HYDRO TEST TRUCK.
P/U 4-1/2" AS1-X PKR x 2-3/8" EUE, X-O TO 2-7/8" EUE, X-O TO 2-7/8" RTS-8, 1 JT 2-7/8" RTS-8 TBG AND MARKER SUB. TEST TO 8K WITH BULL PLUG O BTM OF PKR. POH AND BREAK BULL PLUG AND M/U WIRELINE RE-ENTRY GUIDE ON BTM OF PKR. CONT TO TALLY, P/U AND HYDRO TEST 2-7/8" RTS-8 TBG TO 2,140'
SWAP FLOATS AND CHANGE OVER TO 2-7/8" L80 EUE TBG.
P/U X-O TO 2-7/8" EUE TBG, TALLY, P/U AND HYDRO TEST 2-7/8" L80 TBG. CUPS ON HYDRO TEST TOOL FAILED AT 4,500'. CHANGE CUPS, CONT TO P/U TBG. HYDRO TEST CUP FAILED AGAIN @ 6,000'. CHANGE CUPS AND CONT. TO P/U TBG TO 7,000'
INSTALL TBG HANGER ON TOP OF JT 218. TEST 10' PUP AND HANGER TO 8,000 PSI. SPACE OUT PKR AND LAND TBG @ 7,011' WITH 15K COMPRESSION ON PKR. SCREW IN LOCK DOWN PINS.
SISW, DEBRIEF CREW, SDFN.
CREW TRAVEL TO YARD.

Report Number	Report Start Date	Report End Date
17	9/26/2024	9/26/2024

Operation
CREW TRAVEL TO LOCATION.
PJSM WITH ALL PERSONNEL.
FILL TBG 10 BBLS, PRESSURE TEST DOWN FRAC STRING TO 600 PSI. GOOD TEST.
SET 2 WAY CHECK, N/D BOP STACK, N/U FRAC STACK. TEST VOID TO 4,600. (GOOD).
R/U WILSON SERVICES, PRESSURE TEST FRAC STACK TO 8,000 PSI. GOOD TEST. BLEED OFF AND REMOVE 2 WAY CHECK. PRESSSURE TEST DOWN FRAC STRING TO BELOW PKR, STAIR STEP TEST IN 1K INCREMENTS. 2 MINS INTO TEST @ 5,800 PSI, ALL PRESSURE DROPPED INSTANTLY TO 0 PSI. SLIGHT INCREASE IN BLOW ON 4-1/2" ANNULUS. DISCUSS WITH SCOTT A. DECIDE TO TOOH AND CHECK PKR.
SET 2 WAY CHECK. N/D FRAC STACK, N/U BOP. REMOVE 2 WAY CHECK. R/U FLOOR AND EQUIPMENT.
P/U 2-7/8" PUP JT, SCREW INTO HANGER, BACK OUT LOCK DOWN PINS. P/U TBG AND RELEASE PKR. BREAK AND L/D TBG HANGER.
TOOH WITH 2-7/8" EUE, CHANGE OVER TO 2-7/8" MYT ELEVATORS, TOOH WITH RTS-8 TBG. BREAK AND L/D PKR. ELEMENTS ON PKR MISSING.
SISW, DEBRIEF CREW, SDFN.
CREW TRAVEL TO YARD.

Report Number	Report Start Date	Report End Date
18	9/27/2024	9/27/2024

Hilcorp Energy Company

Well Operations Summary L48

Well Name: SAN JUAN 32-8 UNIT #18

API: 3004534152	**Field: MV/DK COM**	**State: NEW MEXICO**
	Sundry #:	**Rig/Service: RIGLESS 1**

Operation
CREW TRAVEL TO LOCATION.
PJSM W/ ALL PERSONNEL.
SPOT IN FLOAT WITH 2-3/8" CS HYD. R/U WILSON SERVICES FOR 2-3/8" TOOLS.
P/U NEW SELECT 4-1/2" AS1-X PKR, X-O TO CS HYD, 1 JT 2-3/8" CS TBG, TEST TO 8K WITH BULL PLUG ON BTM OF PKR. TOOH AND REMOVE BULL PLUG AND INSTALL W/L RE-ENTRY GUIDE. P/U 5 JTS TOTAL OF 2-3/8" CS HYD, X-OVER TO 2-7/8" RTS-8, CHANGE OUT HYDROTEST TOOLS TO 2-7/8" HYDROTEST 69 JTS RTS-8. X-O TO 2-7/8" EUE, CONT TO HYDROTEST IN TO 7,065'. SET PKR @ 7,065' PULLING 20K TENSION AND LAND WITH 15K COMPRESSION.
PUMP 32.5 BBLS TO FILL TBG, PRESSURE TEST TO 600 PSI. GOOD TEST.
INSTALL 2 WAY CHECK. N/D BOP, N/U FRAC STACK. TEST VOID TO 4,500. GOOD TEST.
PRESSURE TEST FRAC STACK TO 8,000 PSI. GOOD TEST. PULL 2 WAY CHECK. PRESSURE TEST DOWN FRAC STRING AND PKR STEPPING IN 1K INCREMENTS. HELD 4,000 PSI FOR 2 MIN AND WHEN WE STARTED TO PRESSURE TO 4,800 PRESSURE DROPPED TO 3,200 AND LEVELED OFF. BLEED DOWN PRESSURE AND START AGAIN. 2ND TEST PRESSURE WAS HOLDING @ 4,750' FOR 3.5 MIN AND DROPPED TO ZERO.
SET 2 WAY CHECK. N/D FRAC STACK, N/U BOP AND FUNCTION TEST.
P/U PUP JT, SCREW INTO HANGER. P/U AND PKR WAS STILL SET. RELEASE PKR AND RE-SET PKR, PUMP 42 BBLS TO TRY AND CATCH PRESSURE. TBG AND CASING ON VACUUM.
SISW, DEBRIEF CREW. SDFWE
CREW TRAVEL TO YARD.

Report Number	Report Start Date	Report End Date
19	9/30/2024	9/30/2024

Operation
CREW TRAVEL TO LOCATION.
PJSM. CK PRESSURES.
BACK OUT LOCK DOWN PINS. P/U ON HANGER, RELEASE PKR. BREAK AND L/D TBG HANGER.
TOOH WITH FRAC STRING AND PACKER BHA. MOST OF ELEMENT STACK MISSING. ELEMENT RINGS BENT.
REMOVE STRIPPING HEAD AND PREP FOR WIRELINE.
R/U BASIN WIRELINE TRUCK AND FUNCTION TEST TOOLS.
RIH WITH 40 ARM CALIPER, TAG HIGH @ 7,145'. TOC IS AT 7,468'. OPEN TOOL AND LOG UP FROM 7,145 TO 6,150'. SEND LOG TO SCOTT A. AND DISCUSS OPTIONS. BASING BRINGING OUT GR/JB. RIH WITH 3.73" GB/JB, TAG UP @ 7,145'. WORK GR/JB DOWN TO 7,242'. POOH WITH TOOLS.
R/D BASIN WIRELINE.
SISW, DEBRIEF CREW. SDFN.
CREW TRAVEL TO YARD.

Report Number	Report Start Date	Report End Date
20	10/2/2024	10/2/2024

Operation
CREW TRAVEL TO LOCATION.
PJSM WITH CREWS. CK PRESSURES.
R/U BASIN WIRELINE.
RIH WITH 40 ARM CALIPER LOGGING TOOL TO 7,240'. TOOL WOULD NOT OPEN, TRY SEVERAL TIMES TO FUNCTION TOOL DOWN HOLE. POH WITH CALIPER TOOL. SAND INSIDE TOOL PREVENTING ARMS FROM OPENING. DISCUSS WITH SCOTT A. RIH WITH 3.85" GR/JB, TAG @ 7,252', POH BASKET HAD A FEW SMALL PIECES OF RUBBER. M/U AND RIH WITH SELECT MODEL D PKR. CORRELATE TO MARKER JT. **SET PKR @ 6,902'**, 45 SEC SET TIME. POH. W/ SETTING TOOL.
R/D WIRELINE TRUCK.
SISW, DEBRIEF CREW. SDFN.
CREW TRAVEL TO YARD.

Report Number	Report Start Date	Report End Date
21	10/3/2024	10/3/2024

Operation
CREW TRAVEL TO LOCATION.
PJSM. CK PRESSURES.
W/O X-OVER SUBS BEING MADE BY A-1. SUBS WERE MADE INCORRECTLY AND HAD 3.70" OD AND SHOULD HAVE BEEN 3.125". WAIT FOR A-1 TO TURN DOWN SUBS TO CORRECT OD.
P/U SELECT SEAL ASSEMBLY, NEW X-O, 2 JTS 2-3/8" CS HYD TBG. HAD TO MODIFY BAR LENGTHS TO COVER THE CONNECTION. CONT TO HYDRO TEST 2-3/8" CS HYD. X-O TO 2-7/8" RTS-8 AND CHANGE OVER TO 2-7/8" HYDRO TEST TOOLS. TEST FIRST 2 JTS OF RTS-8. TRY TO SET SLIPS ON TOOLS AND THEY WOULD NOT SET. P/U JT OF RTS-8 AND FEED OVERSHOT THROUGH JT. LATCHED ONTO BARS AND PICK UP WEIGHT, REMOVE SAFETY CLAMP AND M/U JT OF TBG. TOOL CAME APART AND DROPPED DOWN TO 2-3/8" CS HYDRIL. L/D 1 JT OF RTS-8 TO EXPOSE HYDRO TEST TOOLS. INSTALL SAFETY CLAMP AND POH WITH WINCH. RUNNING OUT OF DAYLIGHT, TIH 10 STDS TO SECURE WELL.
SISW, DEBRIEF CREW, SDFN.
CREW TRAVEL TO YARD.

Report Number	Report Start Date	Report End Date
22	10/4/2024	10/4/2024

Operation
CREW TRAVEL TO LOCATION.
PJSM WITH ALL PERSONNEL.

Hilcorp Energy Company

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API: 3004534152	**Field: MV/DK COM**	**State: NEW MEXICO**
	Sundry #:	**Rig/Service: RIGLESS 1**

Operation
CHANGE OUT HYDRO TEST TOOLS TO YOYO. TOOH 10 STDS. BEGIN TO TIH AND HYDROTEST. TAG AND LATCH INTO MODEL D PKR @ 6,902'. PULL 10K OVER TO INSURE WE ARE LATCHED INTO PKR. MARK TBG AND PREP TO SPACE OUT.
BREAK AND L/D TOP JT OF 2-7/8" EUE AND ADD 8' AND 1' PUP JTS. P/U JT 215, 10' PUP AND TBG HANGER. LATCH INTO PKR AND PULL 10K OVER. LAND TBG WITH 15K COMPRESSION ON SEAL ASSEMBLY. HYDRO TEST ALL CONNECTIONS. RUN IN LOCK DOWN PINS.
R/D WELLCHECK HYDRO TEST TRUCK.
FILL TBG WITH RIG PUMP, SET 2 WAY CHECK.
N/D BOP, N/U FRAC STACK. PRESSURE TEST VOID TO 4,500 PSI. GOOD TEST.
FILL STACK AND PRESSURE TEST TO 8,000 PSI. PULL 2 WAY CHECK. PRESSURE TEST DOWN TBG AND TEST PKR TO 4,000 PSI FOR 10 MIN, TEST TO 4,800 PSI FOR 10 MIN. GOOD TEST. R/D TEST TRUCK.
R/D RIG AND EQUIPMENT. CLEAN LOCATION.
CREW TRAVEL TO YARD.

Report Number	Report Start Date	Report End Date
23	10/18/2024	10/18/2024

Operation
MIRU BASIN WELL LOGGING. HELD PRE JOB SAFETY MEETING. CHECK WELL PRESSURES. SIBH: 0 PSI, SIICP: 0 PSI, SICP: 170 PSI, SITP: 40 PSI. BDW: 0 MINUTES. R/U WIRELINE. RIH WITH 1-11/16" STRIP GUN ASSEMBLY. CORRELATE TO LOG RAN ON 5-4-2007. SEND CORRELATION STRIP TO ENGINEER. RIH AND TAG AT 7,129' (TARGETED PERFORATION INTERVAL FROM 7,180' - 7,185'). UNABLE TO WORK DOWN TO PERF DEPTH. POH. NO INDICATIONS ON TOOL STRING OF OBSTRUCTION. CALL IN FINDINGS. REMOVE GUN ASSEMBLY AND RIH WITH 1.70" FIRING HEAD AND ADDITIONAL WEIGHT BAR. TAG AT 7,129'. CALL IN FINDINGS. POH. R/D WL.

Report Number	Report Start Date	Report End Date
24	10/18/2024	10/18/2024

Operation
MIRU EXPERT DOWNHOLE SERVICES. HELD PRE JOB SAFETY MEETING. CHECK WELL PRESSURES. R/U SLICKLINE. RIH W/1.90" GR, TAG AT 7,109' WLM. WORK FREE. POH. RIH W/1.90" LIB, TAG AT 7,109' WLM. POH, NO INDICATIONS ON LIB. RIH W/1.75" BAILER TO 7,109'. WORK BAILER. POH AND RECOVER CLAY/MUD LIKE SUBSTANCE. SECURE WELL. RDMO. SIBH: 0 PSI SIICP: 0 PSI SICP: 170 PSI SITP: 0 PSI BDW: 0 MIN

Report Number	Report Start Date	Report End Date
25	11/21/2024	11/21/2024

Operation
MOVE RIG FROM THE SAN JUAN 32-9 #272 TO THE SAN JUAN 32-8 #18 (35 MILE MOVE). SPOT RIG AND EQUIPMENT.
RIG UP. - SITP: 0 PSI SICP: 170 PSI SIBH: 0 PSI NO BLOW DOWN
NIPPLE DOWN FRAC STACK, NIPPLE UP BOPE, RIG UP FLOOR. CHANGE RAMS AND HANDLING TOOLS. PREP TUBING.
SECURE WELL AND LOCATION. TRAVEL TO YARD

Report Number	Report Start Date	Report End Date
26	11/22/2024	11/22/2024

Operation
CREW TRAVEL TO LOCATION.
SERVICE AND START EQUIPMENT. . SITP: 0 PSI SICP: 170 PSI SIBH: 0 PSI NO BLOW DOWN
REPLACE BELLS TO RUN SMALL ELEVATORS. TRIP IN THE HOLE PICKING UP 24 JOINTS OF 1.315 NUE TUBING, PICK UP 1.90 IJ TUBING.
WAIT ON REPLACEMENT EVLEVATORS, THE LATCH WAS PUSHING OPEN WHEN THE TUBING STRING WAS PICKED UP.
CONTINUE PICKING UP A TOTAL OF 197 JOINTS OF 1.90 TUBING. TAG AT 7143'. PULL UP TO LAY DOWN A JOINT, PULLING TIGHT AT 7133'.
PICK UP TUBING SWIVEL AND BREAK CIRCULATION REVERSE CIRCULATE WORKING TUBING, COULD NOT GET ABOVE TIGHT SPOT AT 7133. GOOD CIRCULATION CLEAN OUT 7143' TO 7165', REVERSE OUT LARGE AMOUNTS OF RUBBER, PLASTIC, SAND AND CEMENT BALLS, CONTINUE TRYING TO GET ABOVE 7133. WITHOUT SUCCESS. TUBING IS FREE FROM 7133' TO 7165
SECURE WELL AND LOCATION.
TRAVEL TO YARD

Hilcorp Energy Company

Well Operations Summary L48

Well Name: SAN JUAN 32-8 UNIT #18

API: 3004534152	Field: MV/DK COM	State: NEW MEXICO
	Sundry #:	Rig/Service: RIGLESS 1

Report Number	Report Start Date	Report End Date
27	11/23/2024	11/23/2024

Operation

CREW TRAVEL TO LOCATION.

HELD PJSM. SERVICE & START EQUIPMENT. CK PSI: TBG-0#, CSG-170#, BH-0#. NO BLOW DOWN.

RU TBG SWIVEL. EST CIRC W/ RIG PUMP @ 1 BPM, 1200 PSI USING REVERSE CIRC. WORK PIPE @ 7197'. C/O WELL CLEAN (CIRC CONSISTED OF CEMENT, SAND & BITS OF RUBBER).

CIRC WELL FOR SEVERAL HRS. WHILE WORKING TBG TO 30,000 LBS. TBG CAME FREE, RD TBG SWIVEL. LD 2 JTS. TBG BECAME STUCK @ 7070'. TBG CAN WORKED DOWN BUT NOT UP.

ORDERS TO CIRC CONVENTIONAL. RU TBG SWIVEL. EST CIRC @ 1 BPM @ 1200# PSI. CNT WORKING TBG TO 30,000 LBS. UNABLE TO WORK TBG PAST 7070'. SIW, SDFN. DRAIN EQUIPMENT. CLEAN & SECURE LOCATION. DEBRIEF CREW.

CREW TRAVEL TO YARD.

Report Number	Report Start Date	Report End Date
28	11/24/2024	11/24/2024

Operation

CREW TRAVEL TO LOCATION.

HELD PJSM. SERVICE & START EQUIPMENT. CK PSI: TBG-0#, CSG-0#, BH-0# NO BLOW DOWN.

RU TBG SWIVEL. EST CIRC W/ RIG PUMP @ 1 BPM, 1200 PSI USING REVERSE CIRC. USING FRESH WATER & .5 GAL OF POLYMER EVERY HR. WORK PIPE @ 7070' ATTEMPTING TO TURN TBG. EVERY ROTATION WAS GAINED BACK. C/O WELL CLEAN NO CEMENT, SAND OR RUBBER.

CIRC WELL FOR SEVERAL HRS (REVERSE & CONVENTIONAL) ADDING .5 GAL OF POLYMER EVERY HR WHILE WORKING TBG TO 30,000 LBS. TBG CAME FREE, RD TBG SWIVEL. LD 2 JTS. TBG BECAME STUCK @ 6972". CONTINUE WORKING TBG. ORDERS TO USE FRICTION REDUCER CHEMICAL.

RU TBG SWIVEL. EST CIRC @ 1 BPM @ 1200# PSI USING FRICTION REDUCER CHEMICAL @ .5 GAL PER HR. CNT WORKING TBG TO 30,000 LBS. UNABLE TO WORK TBG PAST 6972'. SIW, SDFN. DRAIN EQUIPMENT. CLEAN & SECURE LOCATION. DEBRIEF CREW.

CREW TRAVEL TO YARD.

Report Number	Report Start Date	Report End Date
29	11/25/2024	11/25/2024

Operation

CREW TRAVEL TO LOCATION.

HELD PJSM. SERVICE & START EQUIPMENT. CK PSI; TBG-0# CSG-0#, BH-0#. BDW 0 MINS.

RU TBG SWIVEL. EST CIRC W/ RIG PUMP @ 1 BPM, 1200 PSI USING REVERSE CIRC. USING FRESH WATER & .5 GAL OF POLYMER EVERY HR + .5 GAL FR. WORK PIPE @ 6972'.' ATTEMPTING TO TURN TBG. EVERY ROTATION WAS GAINED BACK. C/O WELL CLEAN NO CEMENT, SAND OR RUBBER.

WORK TBG UP & DOWN APPLYING HALF TURNS. CNT REVERSE CIRC. TBG BECAME FREE. RD TBG SWIVEL.

TOOH LD BOTH STRINGS OF TBG (1.5" & 1")

RU EXPERT DOWN HOLE SLICK LINE. RIH WITH 1.50" GR TO 7161'. LD GR. WAIT ON ORDERS. ORDERS TO RD SL.

LOAD WELL WITH 10 BBLS OF FRESH WATER. PSI TEST CSG TO 1000# FOR 15 MINS. TEST OK. SIW, SDFN. DRAIN EQUIPMENT, CLEAN & SECURE LOCATION. DEBIREF CREW.

CREW TRAVEL TO YARD.

Report Number	Report Start Date	Report End Date
30	11/26/2024	11/26/2024

Operation

CREW TRAVEL TO YARD.

HELD PJSM. SERVICE & START EQUIPMENT. CK PSI: TBG-0#, CSG-0#, BH-0#. NO BLOW DOWN.

JSA, RU BASIN WL. RIH WITH CBL/GAMMA LOG TOOLS TAG @ 7155'. LOG WELL TO SURFACE. WAIT ON ORDERS. ORDERS TO PERF @ 7140' - 7145'. RIH WITH STRIP GUN & **PERF MANCOS (7140' - 7145') 4 SPF, 20 SHOTS TOTAL, 0.34" DIA,** 0 DEGREE PHASING TOOH, LD STRIP GUN. RD WL.

RD RIG FLOOR & TBG EQUIPMENT. ND BOP. NU FRAC VALVE.

RU WELL CHECK PSI TESTING. PSI TEST WH VOID TO 4500# PSI FOR 30 MINS. TEST OK. PSI TEST FRAC STACK TO 8000# PSI FOR 10 MINS. TEST OK. TEST FRAC STACK TO LOW SIDE PSI OF 400# PSI FOR 5 MINS TEST OK. RD WELLCHECK.

RD RIG & RIG EQUIPMENT. SPOT & STAGE RIG EQUIPMENT ON THE SIDE OF LOCATION. CLEAN & SECURE LOCATION. DEBRIEF CREW. SDFN.

TRAVEL TO LOCATION.

Report Number	Report Start Date	Report End Date
31	11/27/2024	11/27/2024

Hilcorp Energy Company

Well Operations Summary L48

Well Name: SAN JUAN 32-8 UNIT #18

API: 3004534152	**Field: MV/DK COM**	**State: NEW MEXICO**
	Sundry #:	**Rig/Service: RIGLESS 1**

Operation
MIRU GORE N2 SERVICES. TEST FRAC LINE TO 7,800 PSI. GOOD TEST. PERFORM DIAGNOSTIC FRACTURE INJECTION TEST. BREAK DOWN MANCOS ZONE AT 4,274 PSI. COMPLETE DFIT STEP DOWN TEST. SECURE WELL. RDMO FRAC. TOTAL LOAD: 15 BBLS AVERAGE RATE: 2 BPM MAX RATE: 2 BPM AVERAGE PRESSURE: 3,947 PSI MAX PRESSURE: 4,274 PSI ISIP: 2,566 PSI 5 MIN: 2,942 PSI 10 MIN: 1,895 PSI 15 MIN: 1,861 PSI SIBH: 0 PSI SIICP: 0 PSI SICP: 190 PSI SITP: 0 PSI BDW: 0 MIN

Hilcorp Energy Company

Current Schematic - Version 3

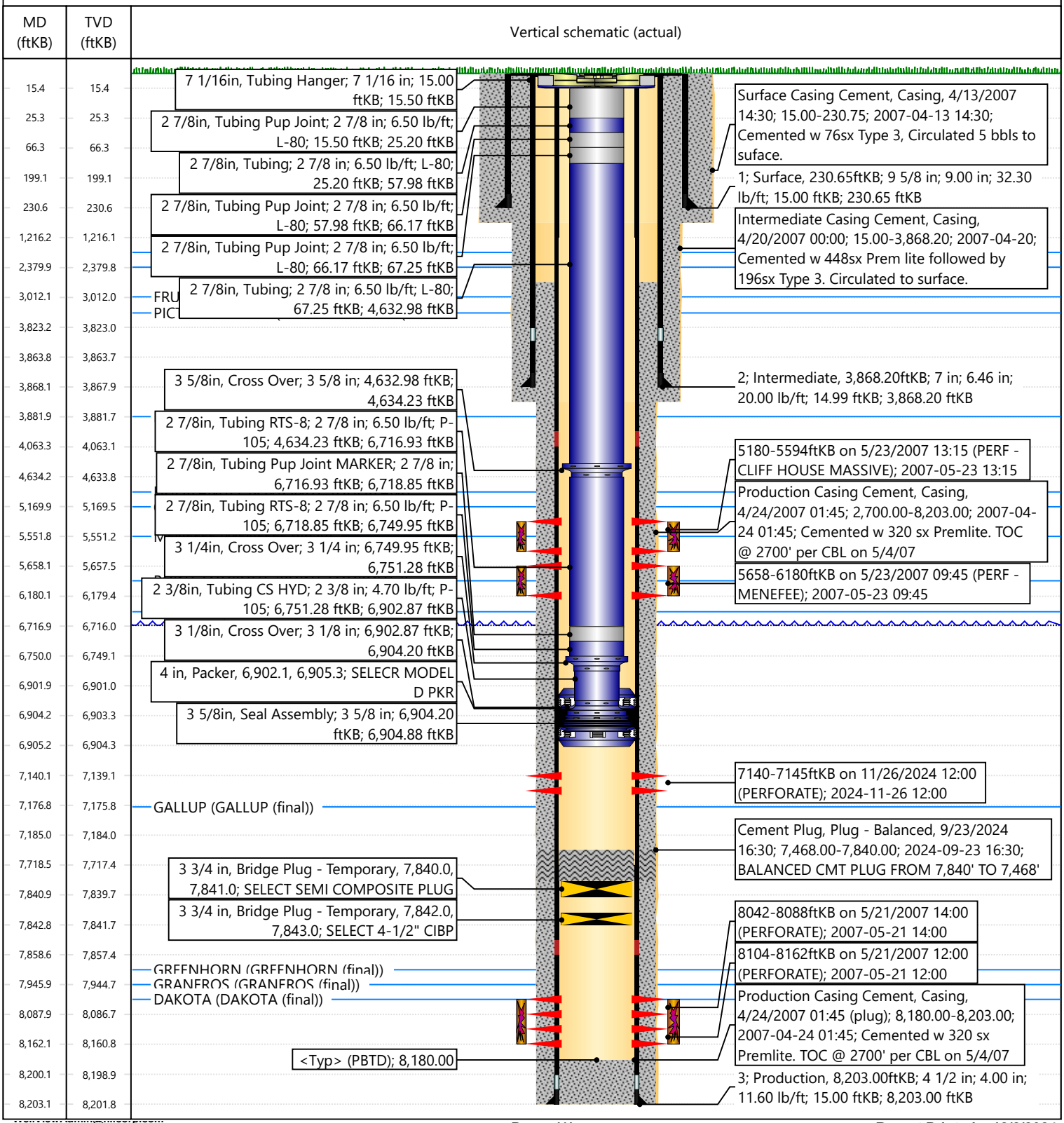
Well Name: SAN JUAN 32-8 UNIT #18

API / UWI	Surface Legal Location	Field Name	Route	State/Province	Well Configuration Type
3004534152	011-031N-008W-N	MV/DK COM	0406	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)**
6,658.00	6,673.00		15.00		

Tubing Strings

Run Date	Set Depth (ftKB)	String Max Nominal OD (in)	String Min Nominal ID (in)	Weight/Length (lb/ft)	Original Spud Date
10/4/2024 12:30	6,902.05	2 7/8	2.44	6.50	4/12/2007 09:00

Original Hole [VERTICAL]



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE
1000 RIO BRAZOS ROAD
AZTEC NM 87410
(505) 334-6178 FAX: (505) 334-6170
http://emnrd.state.nm.us/ocd/District III/3distric.htm

BRADENHEAD TEST REPORT

(submit 1 copy to above address)

Date of Test 12-SEP-2024 Operator HILCORP API #30-045-34152

Property Name SAN JUAN 32-8 Well No. 18 Location: Unit N Section 11 Township 31 Range 8

Well Status(Shut-In or Producing) Initial PSI: Tubing 0 Intermediate 0 Casing 0 Bradenhead 5

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

Testing	PRESSURE Bradenhead BH	Bradenhead Int	Bradenhead Csg	INTERM Int	INTERM Csg
TIME 5 min	0	0	0	0	0
10 min	0	0	0	0	0
15 min	0	0	0	0	0
20 min					
25 min					
30 min					

FLOW CHARACTERISTICS	BRADENHEAD	INTERMEDIATE
Steady Flow		
Surges		
Down to Nothing	X	
Nothing		X
Gas	X	
Gas & Water		
Water		

If bradenhead flowed water, check all of the descriptions that apply below:

CLEAR_____ FRESH_____ SALTY_____ SULFUR_____ BLACK_____

5 MINUTE SHUT-IN PRESSURE BRADENHEAD 0 INTERMEDIATE 0

REMARKS: BRADENHEAD BUFFED TO NOTHING

By [signature]

WELLSITE SUPERVISOR
(Position)

Witness [signature]

E-mail address jon.knight@hilcorp.com

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

MECHANICAL INTEGRITY TEST REPORT

(TA OR UIC)

Date of Test 12-SEP-2024 Operator HILCORP API # 30-0 45-34152

Property Name SJ 32-8 Well # 18 Location: Unit N Sec 11 Twn 31 Rge 8

Land Type:

State ____
Federal X
Private ____
Indian ____

Well Type:

Water Injection ____
Salt Water Disposal ____
Gas Injection ____
Producing Oil/Gas X
Pressure obervation ____

Temporarily Abandoned Well (Y/N): ____ TA Expires: ____

Casing Pres. ____ Tbg. SI Pres. ____ Max. Inj. Pres. ____
Bradenhead Pres. ____ Tbg. Inj. Pres. ____
Tubing Pres. ____
Int. Casing Pres. ____

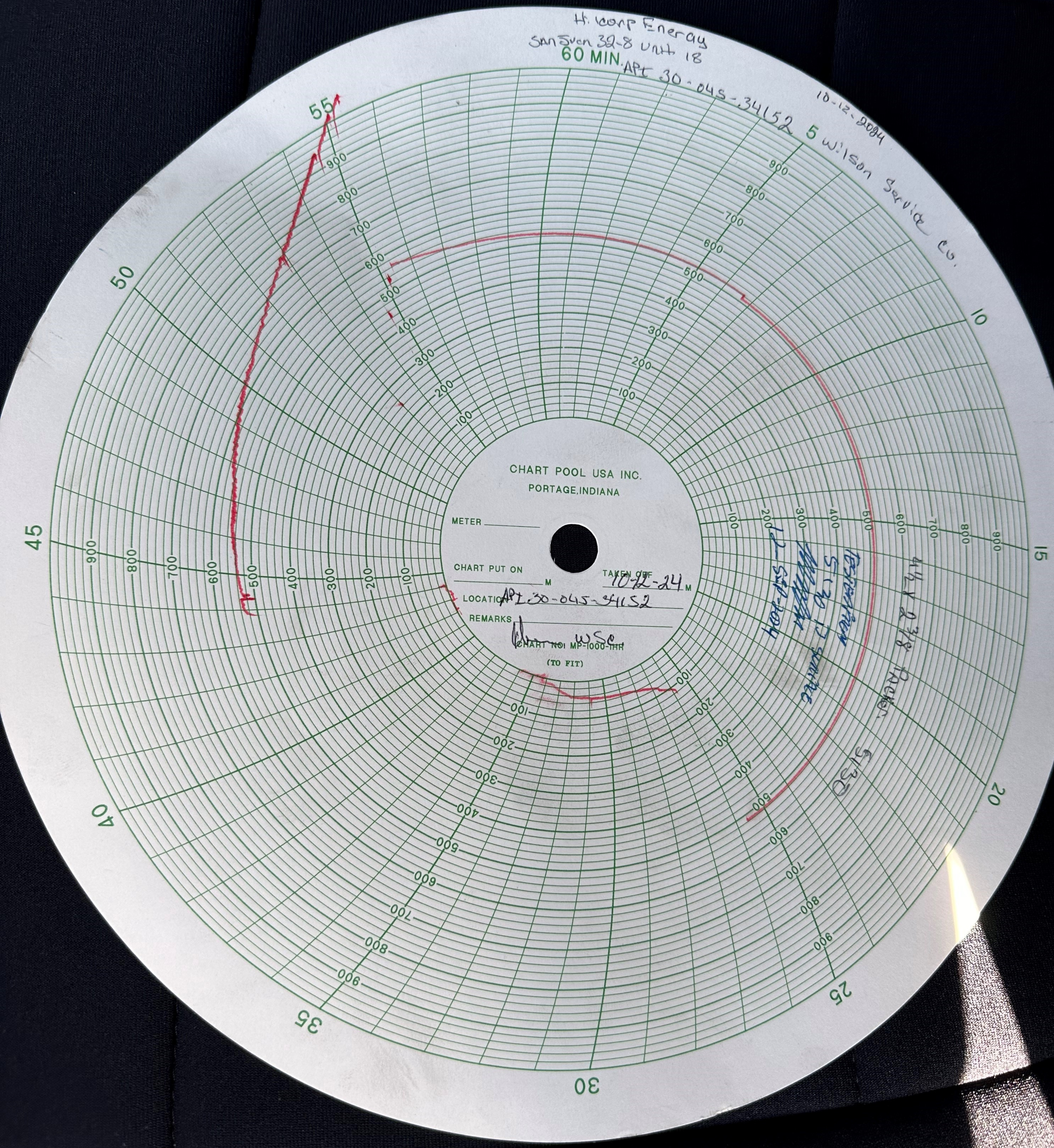
Pressured annulus up to ____ psi. for ____ mins. Test passed/failed

REMARKS: TESTED FROM S/30 TO SURFACE. 1000 PSI START, 60 MINUTE CLOCK. THE CASING WAS PRESSURED UP TO 560 PSI AND PRESSURE FELL TO 510 PSI, AND PRESSURE HELD FOR THE LAST 10 MINUTES.

By J [signature] Witness [signature]
(Operator Representative) (NMOCD)

WELLSITE SUPERVISOR
(Position)

Revised 02-11-02


Hilcorp Energy
San Juan 32-8 Unit 18
60 MIN.
API 30-045-34152
10-12-2024
Wilson Service Co.
CHART POOL USA INC.
PORTAGE, INDIANA
METER
CHART PUT ON
M
TAKEN OFF
10-12-24
M
LOCATION API 30-045-34152
REMARKS
WSC
CHART NO. MP-1000-1HR
(TO FIT)
4½ x 2⅜ Packer
5130
5
10
15
20
25
30
35
40
45
50
55
100
200
300
400
500
600
700
800
900

Mandi Walker

From: Rennick, Kenneth G <krennick@blm.gov>
Sent: Tuesday, September 10, 2024 8:25 AM
To: Scott Anderson; Kade, Matthew H
Cc: Farmington Regulatory Techs
Subject: Re: [EXTERNAL] Hilcorp - San Juan 32-8 Unit 18 (API: 3004534152)

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The BLM the procedure appropriate.

Get Outlook for iOS

From: Scott Anderson <sanderson@hilcorp.com>
Sent: Tuesday, September 10, 2024 7:12:34 AM
To: Rennick, Kenneth G <krennick@blm.gov>; Kade, Matthew H <mkade@blm.gov>
Cc: Farmington Regulatory Techs <FarmingtonRegulatoryTechs@hilcorp.com>
Subject: Re: [EXTERNAL] Hilcorp - San Juan 32-8 Unit 18 (API: 3004534152)

Thank you. We have a rig on location and are leaning towards backing the casing off and replacing it. That should be the most straightforward option on the table. Would you be open to us proceeding forward with that plan? We still plan on getting a formal MIT on the entirety of the casing above the RBP once we get screwed back in. Thank you!

Scott Anderson

Get Outlook for iOS

From: Rennick, Kenneth G <krennick@blm.gov>
Sent: Tuesday, September 10, 2024 8:06:02 AM
To: Scott Anderson <sanderson@hilcorp.com>; Kade, Matthew H <mkade@blm.gov>
Cc: Farmington Regulatory Techs <FarmingtonRegulatoryTechs@hilcorp.com>
Subject: Re: [EXTERNAL] Hilcorp - San Juan 32-8 Unit 18 (API: 3004534152)

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Thank you for the information. We are busy this morning and early afternoon. But we should be able to review any plan later in the afternoon or early tomorrow morning.

Kenneth (Kenny) Rennick

Petroleum Engineer

Bureau of Land Management
Farmington Field Office
6251 College Blvd
Farmington, NM 87402

Email: krennick@blm.gov
Mobile & Text: 505.497.0019

From: Scott Anderson <sanderson@hilcorp.com>
Sent: Tuesday, September 10, 2024 6:53 AM
To: Rennick, Kenneth G <krennick@blm.gov>; Kade, Matthew H <mkade@blm.gov>
Cc: Farmington Regulatory Techs <FarmingtonRegulatoryTechs@hilcorp.com>
Subject: [EXTERNAL] Hilcorp - San Juan 32-8 Unit 18 (API: 3004534152)

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Kenny, Matthew – Hilcorp is currently on the San Juan 32-8 Unit 18 (API: 3004534152) where we are in the process of recompleting the well to the Mancos to perform a DFIT test. Per the NOI, we will need to get an MIT above the Mesaverde perfs as well as one below the Mesaverde perfs, against the DK isolation plug before proceeding with the recomplete to the Mancos. Unfortunately, during an attempt to pressure test the casing above the Mesaverde perfs we identified a leak between the production and intermediate casing strings. We have identified the location of the hole in casing with a packer and are in the process of putting together a remediation plan to address the hole. With your approval of our plan forward we will remediate the problem and verify the repair with an MIT. I will respond to this email shortly with our planned remediation. Thank you!

Scott Anderson
San Juan East – Operations Engineer
Hilcorp Energy Company
W: 713-289-2772
C: 248-761-3965

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Mandi Walker

From: Cordero, Gilbert, EMNRD <Gilbert.Cordero@emnrd.nm.gov>
Sent: Tuesday, September 10, 2024 8:38 AM
To: Scott Anderson; Rennick, Kenneth G
Cc: Kuehling, Monica, EMNRD; Priscilla Shorty; Mandi Walker; Ben Mitchell; Durham, John, EMNRD; Brian Bradshaw; Juan Cardenas; Jon Knight - (C)
Subject: RE: [EXTERNAL] RE: Hilcorp - San Juan 32-8 Unit 18 (API: 3004534152)

Categories: NMOCD

Good morning Scott,

OCD approves this procedure to change out casing.

Thank you,

Gilbert Cordero
Staff Manager
575-626-0830

From: Scott Anderson <sanderson@hilcorp.com>
Sent: Tuesday, September 10, 2024 7:31 AM
To: Cordero, Gilbert, EMNRD <Gilbert.Cordero@emnrd.nm.gov>; Rennick, Kenneth G <krennick@blm.gov>
Cc: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Priscilla Shorty <pshorty@hilcorp.com>; Mandi Walker <mwalker@hilcorp.com>; Ben Mitchell <bemitchell@hilcorp.com>; Durham, John, EMNRD <john.durham@emnrd.nm.gov>; Brian Bradshaw <Brian.Bradshaw@hilcorp.com>; Juan Cardenas <jcardenas@hilcorp.com>; Jon Knight - (C) <Jon.Knight@hilcorp.com>
Subject: [EXTERNAL] RE: Hilcorp - San Juan 32-8 Unit 18 (API: 3004534152)

Gilbert – After reviewing our options we believe that the best course of action to remediate the hole in casing on the 32-8 18 is to back off the casing below the hole and replace the upper 1200-1500' of casing (the hole is between 1115-1146'). We pressure tested the casing below the hole, against the RBP, and feel confident that this will resolve the issue and allow us the best path forward to continue with the operation. The BLM has already approved this procedure. Please confirm if the State also approves. Thank you!

Scott Anderson
San Juan East – Operations Engineer
Hilcorp Energy Company
W: 713-289-2772
C: 248-761-3965

From: Scott Anderson
Sent: Monday, September 9, 2024 1:23 PM
To: Cordero, Gilbert, EMNRD <Gilbert.Cordero@emnrd.nm.gov>
Cc: Kuehling, Monica, EMNRD <monica.kuehling@state.nm.us>; Priscilla Shorty <pshorty@hilcorp.com>; Mandi Walker <mwalker@hilcorp.com>; Ben Mitchell <bemitchell@hilcorp.com>; Durham, John, EMNRD <john.durham@emnrd.nm.gov>; Brian Bradshaw <Brian.Bradshaw@hilcorp.com>; Juan Cardenas <jcardenas@hilcorp.com>; Jon Knight - (C) <Jon.Knight@hilcorp.com>
Subject: Hilcorp - San Juan 32-8 Unit 18 (API: 3004534152)

Gilbert – Hilcorp is currently on the San Juan 32-8 Unit 18 (API: 3004534152) where we are in the process of recompleting the well to the Mancos to perform a DFIT test. Per the NOI, we will need to get an MIT above the Mesaverde perfs as well as one below the Mesaverde perfs, against the DK isolation plug before proceeding with the recomplete to the Mancos. Unfortunately, during an attempt to pressure test the casing above the Mesaverde perfs we identified a leak between the production and intermediate casing strings. We have identified the location of the hole in casing with a packer and are in the process of putting together a remediation plan to address the hole. With your approval of our plan forward we will remediate the problem and verify the repair with an MIT. I will respond to this email shortly with our planned remediation. Thank you!

Scott Anderson
San Juan East – Operations Engineer
Hilcorp Energy Company
W: 713-289-2772
C: 248-761-3965

Mandi Walker

From: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Sent: Tuesday, September 17, 2024 10:26 AM
To: Scott Anderson; Rennick, Kenneth G; Kade, Matthew H
Cc: Priscilla Shorty; Mandi Walker; Ben Mitchell; Durham, John, EMNRD; Brian Bradshaw; Juan Cardenas; Jon Knight - (C); Cordero, Gilbert, EMNRD
Subject: RE: [EXTERNAL] Hilcorp - San Juan 32-8 Unit 18 (API: 3004534152)

Categories: NMOCD

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Never mind found it 7720 to 7520 so the test would be from 6230 to 7520 bottom of pt lookout to below gallup top

I am good with that

Thank you

Monica

From: Scott Anderson <sanderson@hilcorp.com>
Sent: Tuesday, September 17, 2024 9:04 AM
To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Rennick, Kenneth G <krennick@blm.gov>; Kade, Matthew H <mkade@blm.gov>
Cc: Priscilla Shorty <pshorty@hilcorp.com>; Mandi Walker <mwalker@hilcorp.com>; Ben Mitchell <bemitchell@hilcorp.com>; Durham, John, EMNRD <john.durham@emnrd.nm.gov>; Brian Bradshaw <Brian.Bradshaw@hilcorp.com>; Juan Cardenas <jcardenas@hilcorp.com>; Jon Knight - (C) <Jon.Knight@hilcorp.com>; Cordero, Gilbert, EMNRD <Gilbert.Cordero@emnrd.nm.gov>
Subject: Re: [EXTERNAL] Hilcorp - San Juan 32-8 Unit 18 (API: 3004534152)

Monica - Just a point of clarification, the DK isolation plug ended up high setting on us. It is at 7842'. Gilbert approved the exception last week.

We also consider the Gallup as part of the greater Mancos interval, but our test will be at the top and the hole is near the bottom of the zone. The plan is to lay a plug from 7720' to 7485' encompassing the leak. We will set the packer no deeper than 7435' on the squeeze and plan on lowering in the hole to get a tag after we let the cement set up. With your approval we would like to reset the packer at 6230' to MIT the casing down to the TOC before we trip out to run the frac string. We'll set the DFIT frac packer at 7000' to give us enough room to correlate below the packer - our refined Mancos perfs will be from 7180-85'.

Thank you!

Scott Anderson

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From: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Sent: Monday, September 16, 2024 5:39 PM
To: Rennick, Kenneth G <krennick@blm.gov>; Scott Anderson <sanderson@hilcorp.com>; Kade, Matthew H <mkade@blm.gov>
Cc: Priscilla Shorty <pshorty@hilcorp.com>; Mandi Walker <mwalker@hilcorp.com>; Ben Mitchell <bemitchell@hilcorp.com>; Durham, John, EMNRD <john.durham@emnrd.nm.gov>; Brian Bradshaw <Brian.Bradshaw@hilcorp.com>; Juan Cardenas <jcardenas@hilcorp.com>; Jon Knight - (C) <Jon.Knight@hilcorp.com>; Cordero, Gilbert, EMNRD <Gilbert.Cordero@emnrd.nm.gov>
Subject: RE: [EXTERNAL] Hilcorp - San Juan 32-8 Unit 18 (API: 3004534152)

Let me get this straight

You have set a bridge plug at 7992 (top perf on Dakota is 8042) and then a packer at 7030 (top of gallup is 7176 – I take it top of gallup is considered part of the mancos) top of mancos is 6280)your leak is at 7690 – your injection test will be from 7080 to 7280) so question would be how wide of a plug across the leak are you setting and this will have to tagged prior to your injection test- backtrack on the packer where are you planning on setting to squeeze

Testing on upper casing from 5130 to surface passed – approval is given to run the cement over leak at 7690 – once testing is complete NOI states you will be cementing mancos off - an MIT needs to be ran from top perf of Dakota at 8042 to bottom perf of mv at 6180

I take it that the gallup is part of the mancos pool – this will have to be verified prior to the DFIT test.

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: Rennick, Kenneth G <krennick@blm.gov>
Sent: Monday, September 16, 2024 3:21 PM
To: Scott Anderson <sanderson@hilcorp.com>; Kade, Matthew H <mkade@blm.gov>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Cc: Priscilla Shorty <pshorty@hilcorp.com>; Mandi Walker <mwalker@hilcorp.com>; Ben Mitchell <bemitchell@hilcorp.com>; Durham, John, EMNRD <john.durham@emnrd.nm.gov>; Brian Bradshaw <Brian.Bradshaw@hilcorp.com>; Juan Cardenas <jcardenas@hilcorp.com>; Jon Knight - (C) <Jon.Knight@hilcorp.com>; Cordero, Gilbert, EMNRD <Gilbert.Cordero@emnrd.nm.gov>
Subject: Re: [EXTERNAL] Hilcorp - San Juan 32-8 Unit 18 (API: 3004534152)

To confirm, the BLM finds the procedure appropriate. This include leaving the squeeze in place during the DFIT test.

Kenneth (Kenny) Rennick

Petroleum Engineer

Bureau of Land Management
Farmington Field Office
6251 College Blvd
Farmington, NM 87402

Email: krennick@blm.gov
Mobile & Text: 505.497.0019

From: Scott Anderson <sanderson@hilcorp.com>
Sent: Monday, September 16, 2024 3:09 PM
To: Rennick, Kenneth G <krennick@blm.gov>; Kade, Matthew H <mkade@blm.gov>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Cc: Priscilla Shorty <pshorty@hilcorp.com>; Mandi Walker <mwalker@hilcorp.com>; Ben Mitchell <bemitchell@hilcorp.com>; Durham, John, EMNRD <john.durham@emnrd.nm.gov>; Brian Bradshaw <Brian.Bradshaw@hilcorp.com>; Juan Cardenas <jcardenas@hilcorp.com>; Jon Knight - (C) <Jon.Knight@hilcorp.com>; Cordero, Gilbert, EMNRD <Gilbert.Cordero@emnrd.nm.gov>
Subject: RE: [EXTERNAL] Hilcorp - San Juan 32-8 Unit 18 (API: 3004534152)

Monica, Kenny, Matthew – Per our phone conversations, we located a second hole in SJ 32-8 Unit 18 (API: 3004534152) casing at 7690'. This hole lies between the MV and DK perforations and, based on the CBL run in 2007 (I am including it here for ease of evaluating), in an area of superb cement coverage. The leak is miniscule (80 psi in 1 min), but it will need to be repaired before we can get a passing MIT on the casing and before we can proceed with the DFIT test. Our plan is to lay a balanced plug across the hole f/ ~7720' to ~7520' using Type III or equivalent cement. We'll trip out with the tubing, pick up a packer and RBIH to squeeze the cement into the hole.

I didn't ask this earlier, but would y'all be willing to let us leave this squeeze in place for the duration of the DFIT test? We would still plan to MIT the section of casing from the top of cement to the base of the MV perforations to prove integrity across the Mancos interval. Following the test we would still plan on squeezing the Mancos perfs and will drill out thru the squeeze perfs before testing the whole casing string. Given the sensitivity of this test, this will give us a little extra assurance that we are fully isolated thru the duration of the test.

Thank you!

Scott Anderson
San Juan East – Operations Engineer
Hilcorp Energy Company
W: 713-289-2772
C: 248-761-3965

From: Scott Anderson <sanderson@hilcorp.com>
Sent: Thursday, September 12, 2024 9:59 AM

To: Rennick, Kenneth G <krennick@blm.gov>; Cordero, Gilbert, EMNRD <Gilbert.Cordero@emnrd.nm.gov>; Kade, Matthew H <mkade@blm.gov>
Cc: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Priscilla Shorty <pshorty@hilcorp.com>; Mandi Walker <mwalker@hilcorp.com>; Ben Mitchell <bemitchell@hilcorp.com>; Durham, John, EMNRD <john.durham@emnrd.nm.gov>; Brian Bradshaw <Brian.Bradshaw@hilcorp.com>; Juan Cardenas <jcardenas@hilcorp.com>; Jon Knight - (C) <Jon.Knight@hilcorp.com>
Subject: RE: [EXTERNAL] Hilcorp - San Juan 32-8 Unit 18 (API: 3004534152)

Thank you, Kenny!

Scott Anderson
San Juan East – Operations Engineer
Hilcorp Energy Company
W: 713-289-2772
C: 248-761-3965

From: Rennick, Kenneth G <krennick@blm.gov>
Sent: Thursday, September 12, 2024 9:44 AM
To: Scott Anderson <sanderson@hilcorp.com>; Cordero, Gilbert, EMNRD <Gilbert.Cordero@emnrd.nm.gov>; Kade, Matthew H <mkade@blm.gov>
Cc: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Priscilla Shorty <pshorty@hilcorp.com>; Mandi Walker <mwalker@hilcorp.com>; Ben Mitchell <bemitchell@hilcorp.com>; Durham, John, EMNRD <john.durham@emnrd.nm.gov>; Brian Bradshaw <Brian.Bradshaw@hilcorp.com>; Juan Cardenas <jcardenas@hilcorp.com>; Jon Knight - (C) <Jon.Knight@hilcorp.com>
Subject: Re: [EXTERNAL] Hilcorp - San Juan 32-8 Unit 18 (API: 3004534152)

The BLM finds the procedure appropriate.

Kenneth (Kenny) Rennick

Petroleum Engineer

Bureau of Land Management
Farmington Field Office
6251 College Blvd
Farmington, NM 87402

Email: krennick@blm.gov
Mobile & Text: 505.497.0019

From: Scott Anderson <sanderson@hilcorp.com>
Sent: Thursday, September 12, 2024 6:40 AM
To: Cordero, Gilbert, EMNRD <Gilbert.Cordero@emnrd.nm.gov>; Rennick, Kenneth G <krennick@blm.gov>; Kade, Matthew H <mkade@blm.gov>
Cc: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Priscilla Shorty <pshorty@hilcorp.com>; Mandi

Walker <mwalker@hilcorp.com>; Ben Mitchell <bemitchell@hilcorp.com>; Durham, John, EMNRD <john.durham@emnrd.nm.gov>; Brian Bradshaw <Brian.Bradshaw@hilcorp.com>; Juan Cardenas <jcardenas@hilcorp.com>; Jon Knight - (C) <Jon.Knight@hilcorp.com>
Subject: [EXTERNAL] Hilcorp - San Juan 32-8 Unit 18 (API: 3004534152)

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Gilbert, Kenny, Matthew – Hilcorp was successful at backing off the casing on the San Juan 32-8 Unit 18 (API: 3004534152) and replacing the casing with new. We did recover the failed joint and found 3 holes, which explains failure on the pressure test. The plan forward was to run a CIBP and set it above the DK perforations, per the NOI. Unfortunately, the CIBP prematurely set on us about 150' from the targeted landing depth (7842' actual vs 7992' NOI). Would you be willing to offer a concession on the depth of the CIBP to allow us to continue with the procedure, as planned? We are still planning on drilling out this plug following the completion of the DFIT, so this will not be a permanent plug. The plug is not in the way for our DFIT test - we are well below our targeted Mancos interval (7080-7280' NOI, 7180-85' actual) at this depth.

Of note: we are scheduled to MIT the upper section of the well this afternoon and the lower section, against this plug and below a packer, tomorrow morning.

Thank you!

Scott Anderson
San Juan East – Operations Engineer
Hilcorp Energy Company
W: 713-289-2772
C: 248-761-3965

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Mandi Walker

From: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Sent: Thursday, September 19, 2024 5:10 PM
To: Scott Anderson; Rennick, Kenneth G; Kade, Matthew H
Cc: Priscilla Shorty; Mandi Walker; Ben Mitchell; Durham, John, EMNRD; Brian Bradshaw; Juan Cardenas; Jon Knight - (C); Cordero, Gilbert, EMNRD
Subject: RE: [EXTERNAL] Hilcorp - San Juan 32-8 Unit 18 (API: 3004534152)

Categories: NMOCD

NMOCD approves below with prior approval from the BLM

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: Scott Anderson <sanderson@hilcorp.com>
Sent: Thursday, September 19, 2024 3:56 PM
To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Rennick, Kenneth G <krennick@blm.gov>; Kade, Matthew H <mkade@blm.gov>
Cc: Priscilla Shorty <pshorty@hilcorp.com>; Mandi Walker <mwalker@hilcorp.com>; Ben Mitchell <bemitchell@hilcorp.com>; Durham, John, EMNRD <john.durham@emnrd.nm.gov>; Brian Bradshaw <Brian.Bradshaw@hilcorp.com>; Juan Cardenas <jcardenas@hilcorp.com>; Jon Knight - (C) <Jon.Knight@hilcorp.com>; Cordero, Gilbert, EMNRD <Gilbert.Cordero@emnrd.nm.gov>
Subject: RE: [EXTERNAL] Hilcorp - San Juan 32-8 Unit 18 (API: 3004534152)

Monica, Kenny, Matthew – We attempted to pump a blind balanced plug on the HIC f/ 7720' to 7485' on the SJ 32-8 18 on Tuesday, but were not successful. After pumping the job we did not tag any cement in the casing across from the suspected HIC. We did find 20' of cement on top of the plug indicating that the plug ended up going south on us due to what appears to be a leaking CIBP at 7842'. As you recall, this plug high-set on us earlier in the job and it is possible that it never fully set. We did get a positive test on the plug from below 7720' while searching for the leak, however it may have potentially started to leak following that test. With your blessing, we would like to set another BP above the existing CIBP and retest the interval below the MV perforations to either re-establish the position of the HIC or determine if the plug has been the culprit all along. Thank you!

Scott Anderson

San Juan East – Operations Engineer
Hilcorp Energy Company
W: 713-289-2772
C: 248-761-3965

From: Scott Anderson <sanderson@hilcorp.com>
Sent: Tuesday, September 17, 2024 10:04 AM
To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Rennick, Kenneth G <krennick@blm.gov>; Kade, Matthew H <mkade@blm.gov>
Cc: Priscilla Shorty <pshorty@hilcorp.com>; Mandi Walker <mwalker@hilcorp.com>; Ben Mitchell <bemitchell@hilcorp.com>; Durham, John, EMNRD <john.durham@emnrd.nm.gov>; Brian Bradshaw <Brian.Bradshaw@hilcorp.com>; Juan Cardenas <jcardenas@hilcorp.com>; Jon Knight - (C) <Jon.Knight@hilcorp.com>; Cordero, Gilbert, EMNRD <Gilbert.Cordero@emnrd.nm.gov>
Subject: Re: [EXTERNAL] Hilcorp - San Juan 32-8 Unit 18 (API: 3004534152)

Monica - Just a point of clarification, the DK isolation plug ended up high setting on us. It is at 7842'. Gilbert approved the exception last week.

We also consider the Gallup as part of the greater Mancos interval, but our test will be at the top and the hole is near the bottom of the zone. The plan is to lay a plug from 7720' to 7485' encompassing the leak. We will set the packer no deeper than 7435' on the squeeze and plan on lowering in the hole to get a tag after we let the cement set up. With your approval we would like to reset the packer at 6230' to MIT the casing down to the TOC before we trip out to run the frac string. We'll set the DFIT frac packer at 7000' to give us enough room to correlate below the packer - our refined Mancos perfs will be from 7180-85'.

Thank you!

Scott Anderson

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From: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Sent: Monday, September 16, 2024 5:39 PM
To: Rennick, Kenneth G <krennick@blm.gov>; Scott Anderson <sanderson@hilcorp.com>; Kade, Matthew H <mkade@blm.gov>
Cc: Priscilla Shorty <pshorty@hilcorp.com>; Mandi Walker <mwalker@hilcorp.com>; Ben Mitchell <bemitchell@hilcorp.com>; Durham, John, EMNRD <john.durham@emnrd.nm.gov>; Brian Bradshaw <Brian.Bradshaw@hilcorp.com>; Juan Cardenas <jcardenas@hilcorp.com>; Jon Knight - (C) <Jon.Knight@hilcorp.com>; Cordero, Gilbert, EMNRD <Gilbert.Cordero@emnrd.nm.gov>
Subject: RE: [EXTERNAL] Hilcorp - San Juan 32-8 Unit 18 (API: 3004534152)

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Let me get this straight

You have set a bridge plug at 7992 (top perf on Dakota is 8042) and then a packer at 7030 (top of gallup is 7176 – I take it top of gallup is considered part of the mancos) top of mancos is 6280)your leak is at 7690 – your injection test will be from 7080 to 7280) so question would be how wide of a

plug across the leak are you setting and this will have to tagged prior to your injection test- backtrack on the packer where are you planning on setting to squeeze

Testing on upper casing from 5130 to surface passed – approval is given to run the cement over leak at 7690 – once testing is complete NOI states you will be cementing mancos off - an MIT needs to be ran from top perf of Dakota at 8042 to bottom perf of mv at 6180

I take it that the gallup is part of the mancos pool – this will have to be verified prior to the DFIT test.

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: Rennick, Kenneth G <krennick@blm.gov>
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Subject: Re: [EXTERNAL] Hilcorp - San Juan 32-8 Unit 18 (API: 3004534152)

To confirm, the BLM finds the procedure appropriate. This include leaving the squeeze in place during the DFIT test.

Kenneth (Kenny) Rennick

Petroleum Engineer

Bureau of Land Management
Farmington Field Office
6251 College Blvd
Farmington, NM 87402

Email: krennick@blm.gov
Mobile & Text: 505.497.0019

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Subject: RE: [EXTERNAL] Hilcorp - San Juan 32-8 Unit 18 (API: 3004534152)

Monica, Kenny, Matthew – Per our phone conversations, we located a second hole in SJ 32-8 Unit 18 (API: 3004534152) casing at 7690'. This hole lies between the MV and DK perforations and, based on the CBL run in 2007 (I am including it here for ease of evaluating), in an area of superb cement coverage. The leak is miniscule (80 psi in 1 min), but it will need to be repaired before we can get a passing MIT on the casing and before we can proceed with the DFIT test. Our plan is to lay a balanced plug across the hole f/ ~7720' to ~7520' using Type III or equivalent cement. We'll trip out with the tubing, pick up a packer and RBIH to squeeze the cement into the hole.

I didn't ask this earlier, but would y'all be willing to let us leave this squeeze in place for the duration of the DFIT test? We would still plan to MIT the section of casing from the top of cement to the base of the MV perforations to prove integrity across the Mancos interval. Following the test we would still plan on squeezing the Mancos perfs and will drill out thru the squeeze perfs before testing the whole casing string. Given the sensitivity of this test, this will give us a little extra assurance that we are fully isolated thru the duration of the test.

Thank you!

Scott Anderson
San Juan East – Operations Engineer
Hilcorp Energy Company
W: 713-289-2772
C: 248-761-3965

From: Scott Anderson <sanderson@hilcorp.com>
Sent: Thursday, September 12, 2024 9:59 AM
To: Rennick, Kenneth G <krennick@blm.gov>; Cordero, Gilbert, EMNRD <Gilbert.Cordero@emnrd.nm.gov>; Kade, Matthew H <mkade@blm.gov>
Cc: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Priscilla Shorty <pshorty@hilcorp.com>; Mandi Walker <mwalker@hilcorp.com>; Ben Mitchell <bemitchell@hilcorp.com>; Durham, John, EMNRD <john.durham@emnrd.nm.gov>; Brian Bradshaw <Brian.Bradshaw@hilcorp.com>; Juan Cardenas <jcardenas@hilcorp.com>; Jon Knight - (C) <Jon.Knight@hilcorp.com>
Subject: RE: [EXTERNAL] Hilcorp - San Juan 32-8 Unit 18 (API: 3004534152)

Thank you, Kenny!

Scott Anderson
San Juan East – Operations Engineer
Hilcorp Energy Company
W: 713-289-2772
C: 248-761-3965

From: Rennick, Kenneth G <krennick@blm.gov>
Sent: Thursday, September 12, 2024 9:44 AM
To: Scott Anderson <sanderson@hilcorp.com>; Cordero, Gilbert, EMNRD <Gilbert.Cordero@emnrd.nm.gov>; Kade,

Matthew H <mkade@blm.gov>
Cc: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Priscilla Shorty <pshorty@hilcorp.com>; Mandi Walker <mwalker@hilcorp.com>; Ben Mitchell <bemitchell@hilcorp.com>; Durham, John, EMNRD <john.durham@emnrd.nm.gov>; Brian Bradshaw <Brian.Bradshaw@hilcorp.com>; Juan Cardenas <jcardenas@hilcorp.com>; Jon Knight - (C) <Jon.Knight@hilcorp.com>
Subject: Re: [EXTERNAL] Hilcorp - San Juan 32-8 Unit 18 (API: 3004534152)

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The BLM finds the procedure appropriate.

Kenneth (Kenny) Rennick

Petroleum Engineer

Bureau of Land Management
Farmington Field Office
6251 College Blvd
Farmington, NM 87402

Email: krennick@blm.gov
Mobile & Text: 505.497.0019

From: Scott Anderson <sanderson@hilcorp.com>
Sent: Thursday, September 12, 2024 6:40 AM
To: Cordero, Gilbert, EMNRD <Gilbert.Cordero@emnrd.nm.gov>; Rennick, Kenneth G <krennick@blm.gov>; Kade, Matthew H <mkade@blm.gov>
Cc: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Priscilla Shorty <pshorty@hilcorp.com>; Mandi Walker <mwalker@hilcorp.com>; Ben Mitchell <bemitchell@hilcorp.com>; Durham, John, EMNRD <john.durham@emnrd.nm.gov>; Brian Bradshaw <Brian.Bradshaw@hilcorp.com>; Juan Cardenas <jcardenas@hilcorp.com>; Jon Knight - (C) <Jon.Knight@hilcorp.com>
Subject: [EXTERNAL] Hilcorp - San Juan 32-8 Unit 18 (API: 3004534152)

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Gilbert, Kenny, Matthew – Hilcorp was successful at backing off the casing on the San Juan 32-8 Unit 18 (API: 3004534152) and replacing the casing with new. We did recover the failed joint and found 3 holes, which explains failure on the pressure test. The plan forward was to run a CIBP and set it above the DK perforations, per the NOI. Unfortunately, the CIBP prematurely set on us about 150' from the targeted landing depth (7842' actual vs 7992' NOI). Would you be willing to offer a concession on the depth of the CIBP to allow us to continue with the

procedure, as planned? We are still planning on drilling out this plug following the completion of the DFIT, so this will not be a permanent plug. The plug is not in the way for our DFIT test - we are well below our targeted Mancos interval (7080-7280' NOI, 7180-85' actual) at this depth.

Of note: we are scheduled to MIT the upper section of the well this afternoon and the lower section, against this plug and below a packer, tomorrow morning.

Thank you!

Scott Anderson
San Juan East – Operations Engineer
Hilcorp Energy Company
W: 713-289-2772
C: 248-761-3965

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While all reasonable care has been taken to avoid the transmission of viruses, it is the responsibility of the recipient to ensure that the onward transmission, opening, or use of this message and any attachments will not adversely affect its systems or data. No responsibility is accepted by the company in this regard and the recipient should carry out such virus and other checks as it considers appropriate.

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Mandi Walker

From: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Sent: Monday, September 23, 2024 9:15 AM
To: Rennick, Kenneth G; Scott Anderson; Kade, Matthew H
Cc: Priscilla Shorty; Mandi Walker; Ben Mitchell; Durham, John, EMNRD; Brian Bradshaw; Juan Cardenas; Jon Knight - (C); Cordero, Gilbert, EMNRD
Subject: RE: [EXTERNAL] Hilcorp - San Juan 32-8 Unit 18 (API: 3004534152)

Categories: NMOCD

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NMOCD approves below however a pressure test will need to be performed across this cement work once frac test is done - a test still needs to pass between this cement job and bottom of mv perforations prior to mancos injection test.

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: Rennick, Kenneth G <krennick@blm.gov>
Sent: Sunday, September 22, 2024 8:06 AM
To: Scott Anderson <sanderson@hilcorp.com>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Kade, Matthew H <mkade@blm.gov>
Cc: Priscilla Shorty <pshorty@hilcorp.com>; Mandi Walker <mwalker@hilcorp.com>; Ben Mitchell <bemitchell@hilcorp.com>; Durham, John, EMNRD <john.durham@emnrd.nm.gov>; Brian Bradshaw <Brian.Bradshaw@hilcorp.com>; Juan Cardenas <jcardenas@hilcorp.com>; Jon Knight - (C) <Jon.Knight@hilcorp.com>; Cordero, Gilbert, EMNRD <Gilbert.Cordero@emnrd.nm.gov>
Subject: Re: [EXTERNAL] Hilcorp - San Juan 32-8 Unit 18 (API: 3004534152)

The BLM finds the procedure appropriate.

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From: Scott Anderson <sanderson@hilcorp.com>
Sent: Saturday, September 21, 2024 6:34:38 PM
To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Rennick, Kenneth G <krennick@blm.gov>; Kade, Matthew H <mkade@blm.gov>
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Subject: RE: [EXTERNAL] Hilcorp - San Juan 32-8 Unit 18 (API: 3004534152)

Monica, Kenny, Matthew – We successfully set the SCBP above the CIBP at 7840' (CIBP is at 7842') and got a good pressure test on the plug. We pressure tested the casing and we do still have a HIC above the plug, between 7760' and the plug. We believe that this hole is the same one that we located before – but with a competent plug below us we were able to dial it in a little better. We would like to proceed forward with the same cement plug operation that we initially proposed, however we would like to lay the plug directly on top of the SCBP and increase the volume to cover 300' above the SCBP (~7540). We will also go with a light Type G cement vs the Type III blend that we pumped initially. Type G should be easier to work with at this depth and give us time to set up for a squeeze to be able to push some of the cement into the leak. Let us know if concur with this path forward.

Thank you!

Scott Anderson
San Juan East – Operations Engineer
Hilcorp Energy Company
W: 713-289-2772
C: 248-761-3965

From: Scott Anderson
Sent: Thursday, September 19, 2024 4:56 PM
To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Rennick, Kenneth G <krennick@blm.gov>; Kade, Matthew H <mkade@blm.gov>
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Scott Anderson

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Monica Kuehling
Compliance Officer Supervisor
Deputy Oil and Gas Inspector
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North District
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Kenneth (Kenny) Rennick

Petroleum Engineer

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Thank you!

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Subject: RE: [EXTERNAL] Hilcorp - San Juan 32-8 Unit 18 (API: 3004534152)

Thank you, Kenny!

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Sent: Thursday, September 12, 2024 9:44 AM
To: Scott Anderson <sanderson@hilcorp.com>; Cordero, Gilbert, EMNRD <Gilbert.Cordero@emnrd.nm.gov>; Kade, Matthew H <mkade@blm.gov>
Cc: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Priscilla Shorty <pshorty@hilcorp.com>; Mandi Walker <mwalker@hilcorp.com>; Ben Mitchell <bemitchell@hilcorp.com>; Durham, John, EMNRD <john.durham@emnrd.nm.gov>; Brian Bradshaw <Brian.Bradshaw@hilcorp.com>; Juan Cardenas <jcardenas@hilcorp.com>; Jon Knight - (C) <Jon.Knight@hilcorp.com>
Subject: Re: [EXTERNAL] Hilcorp - San Juan 32-8 Unit 18 (API: 3004534152)

The BLM finds the procedure appropriate.

Kenneth (Kenny) Rennick

Petroleum Engineer

Bureau of Land Management
Farmington Field Office
6251 College Blvd
Farmington, NM 87402

Email: krennick@blm.gov
Mobile & Text: 505.497.0019

From: Scott Anderson <sanderson@hilcorp.com>
Sent: Thursday, September 12, 2024 6:40 AM
To: Cordero, Gilbert, EMNRD <Gilbert.Cordero@emnrd.nm.gov>; Rennick, Kenneth G <krennick@blm.gov>; Kade, Matthew H <mkade@blm.gov>
Cc: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Priscilla Shorty <pshorty@hilcorp.com>; Mandi Walker <mwalker@hilcorp.com>; Ben Mitchell <bemitchell@hilcorp.com>; Durham, John, EMNRD <john.durham@emnrd.nm.gov>; Brian Bradshaw <Brian.Bradshaw@hilcorp.com>; Juan Cardenas <jcardenas@hilcorp.com>; Jon Knight - (C) <Jon.Knight@hilcorp.com>
Subject: [EXTERNAL] Hilcorp - San Juan 32-8 Unit 18 (API: 3004534152)

Gilbert, Kenny, Matthew – Hilcorp was successful at backing off the casing on the San Juan 32-8 Unit 18 (API: 3004534152) and replacing the casing with new. We did recover the failed joint and found 3 holes, which explains failure on the pressure test. The plan forward was to run a CIBP and set it above the DK perforations, per the NOI. Unfortunately, the CIBP prematurely set on us about 150' from the targeted landing depth (7842' actual vs 7992' NOI). Would you be willing to offer a concession on the depth of the CIBP to allow us to continue with the procedure, as planned? We are still planning on drilling out this plug following the completion of the DFIT, so this will not be a permanent plug. The plug is not in the way for our DFIT test - we are well below our targeted Mancos interval (7080-7280' NOI, 7180-85' actual) at this depth.

Of note: we are scheduled to MIT the upper section of the well this afternoon and the lower section, against this plug and below a packer, tomorrow morning.

Thank you!

Scott Anderson
San Juan East – Operations Engineer

Hilcorp Energy Company
W: 713-289-2772
C: 248-761-3965

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Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

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

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: 409310
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
dmcclure	Downhole commingling of or production from the Mancos shall not occur unless the appropriate approvals are sought.	12/6/2024