

Well Name: SAN JUAN 32 7 602 FEDERAL COM	Well Location: T32N / R07W / SEC 26 / SWSW / 36.947088 / -107.544647	County or Parish/State: SAN JUAN / NM
Well Number: 603H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF078543	Unit or CA Name:	Unit or CA Number:
US Well Number: 3004538341	Operator: HILCORP ENERGY COMPANY	

Subsequent Report

Sundry ID: 2811870

Type of Submission: Subsequent Report	Type of Action: Drilling Operations
Date Sundry Submitted: 09/13/2024	Time Sundry Submitted: 12:35
Date Operation Actually Began: 05/08/2024	

Actual Procedure: Hilcorp Energy Company requests to REVISE the previously submitted casing notices to include the pressure testing, and cement type. Please see the attached revised report for the surface/intermediate and production casing as well as cementing operations, including DV tools.

SR Attachments

PActual Procedure

San_Juan_32_7_602_Federal_Com_603H___Revised_Sundry___Surf_Int_Prod___20240912_20240913123530.pdf

Received by OCD: 9/16/2024 7:32:26 AM

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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: SEP 13, 2024 12:35 PM
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: 09/13/2024
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.

5. Lease Serial No.	
6. If Indian, Allottee or Tribe Name	
7. If Unit of CA/Agreement, Name and/or No.	
8. Well Name and No.	
9. API Well No.	
10. Field and Pool or Exploratory Area	
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
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize <input type="checkbox"/> Deepen <input type="checkbox"/> Production (Start/Resume) <input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing <input type="checkbox"/> Hydraulic Fracturing <input type="checkbox"/> Reclamation <input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair <input type="checkbox"/> New Construction <input type="checkbox"/> Recomplete <input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans <input type="checkbox"/> Plug and Abandon <input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection <input type="checkbox"/> Plug Back <input type="checkbox"/> 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 recompleate 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 OFFICE 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 of this form to U.S. Department of the Interior, Bureau of Land 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: SWSW / 959 FSL / 259 FWL / TWSP: 32N / RANGE: 07W / SECTION: 26 / LAT: 36.947088 / LONG: -107.544647 (TVD: 0 feet, MD: 0 feet)

PPP: NWNW / 470 FNL / 0 FWL / TWSP: 32N / RANGE: 07W / SECTION: 36 / LAT: 36.942894 / LONG: -107.527331 (TVD: 7515 feet, MD: 8103 feet)

PPP: NWNW / 479 FNL / 330 FWL / TWSP: 32N / RANGE: 07W / SECTION: 35 / LAT: 36.943134 / LONG: -107.544383 (TVD: 7515 feet, MD: 8103 feet)

PPP: NENE / 432 FNL / 330 FEL / TWSP: 32N / RANGE: 07W / SECTION: 36 / LAT: 36.942652 / LONG: -107.510367 (TVD: 7520 feet, MD: 18145 feet)

BHL: NENE / 432 FNL / 230 FEL / TWSP: 32N / RANGE: 07W / SECTION: 36 / LAT: 36.942647 / LONG: -107.510025 (TVD: 7520 feet, MD: 18145 feet)

CONFIDENTIAL

San Juan 32-7 602 Federal Com 603H
30-045-38341
NMSF078543
REVISED SR SURF/ INT/PROD

5/8/2024: MIRU MOTE 208. **SPUD @ 14:30 hrs on 5/8/2024.** Drill 17-1/2" surface hole section to **TD of 393' MD/393' TVD.** Run **9 joints of 13-3/8" 54.5# J55 BTC casing to 393' MD/393' TVD (13-3/8" casing shoe depth).** Pump 91 bbls (372 sacks) of 14.6 ppg Class G cement, Yield: 1.38 ft³/sack, full returns, circulated 45 bbls (183 sacks) of cement returns to surface.

7/3/2024 – 7/18/2024: MIRU Nabors B29. Test 13-3/8" surface casing to 1,500 psi for 30 minutes, good test. Drill 12-1/4" intermediate hole section to 6,598' MD/6,382' TVD (stuck BHA). **Note: on 7/11/2024, received approval from BLM & NMOCD to sidetrack (see attached approvals).** Cement Plug #1 (6,351' MD – 5,974' MD): Pump 40 bbls fresh water spacer, 61.1 bbls (347 sacks) of 17.0 ppg Class G cement, Yield: 0.99 ft³/sack. Displace with 4 bbls of fresh water and 100 bbls of WBM. POOH to 5,800', circulate drill string clean, WOC. TIH & tag cement plug at 5,974' MD. Cement Plug #2 (5,974' – 5,400'): Pump 40 bbls fresh water spacer, 81.1 bbls (453 sacks) of 17.0 ppg Class G cement, Yield 0.99 ft³/sack. Displace with 4 bbls fresh water and 89 bbls WBM. POOH to 5,220', circulate drill string clean, WOC. TIH & tag cement plug at 5,400' MD. Kick-off cement plug. Drill 12-1/4" intermediate hole section to **TD of 6,752' MD/6,558' TVD on 7/17/2024.** On 7/17/2024, notified Monica Kuehling with NMOCD and BLM via hotline of upcoming casing run and cement job. Run **145 joints of 9-5/8" 43.5# L80 BTC casing to 6,735' MD/6,541' TVD (9-5/8" casing shoe depth).** **DV tool #1 depth: 5,858' MD, DV tool #2 depth: 3,288' MD.** Cement job stage #1: Mix & pump 10 bbls fresh water, 51 bbls (85 sacks) of 11.5 ppg ASTM Type IL lead cement, Yield: 2.92 ft³/sack. Mix & pump 32 bbls (85 sacks) of 12.5 ppg ASTM Type IL tail cement, Yield: 2.15 ft³/sack. Drop plug and displace with 70 bbls of fresh water followed by 428 bbls of WBM, land plug, full returns. Drop opening dart & wait 35 minutes. Open DV tool #1 and circulate with full returns, 5 bbls (10 sacks) of cement returns to surface. Cement job stage #2: Mix & pump 10 bbls fresh water, 333 bbls (641 sacks) of 11.5 ppg ASTM Type IL lead cement, Yield: 2.92 ft³/sack. Mix & pump 100 bbls (262 sacks) of 12.5 ppg ASTM Type IL tail cement, Yield: 2.15 ft³/sack. Drop plug and displace with 200 bbls of fresh water followed by 236 bbls of WBM, land plug, partial returns. Pressure up to inflate annular casing packer. Drop opening dart and wait 35 minutes. Open DV tool #2 and circulate, full returns, no cement returns to surface. Cement job stage #3: Mix & pump 10 bbls fresh water, 250 bbls (485 sacks) of 11.5 ppg ASTM Type IL lead cement, Yield: 2.89 ft³/sack. Drop closing plug and displace with 245 bbls of fresh water, land plug, full returns, 50 bbls (97 sacks) cement returns to surface.

8/28/2024 – 9/4/2024: MIRU Nabors B29. Pressure test 9-5/8" intermediate casing to 1,500 psi for 30 minutes, good test. Drill 8-1/2" hole section to **TD of 17,937' MD/7,325' TVD on 9/1/2024.** Note: On 9/2/2024 @ 07:00 hrs, notified Monica Kuehling with NMOCD and BLM of upcoming 5-1/2" casing run and cement job. Run **406 joints of 5-1/2" 20# P110 TXP-BTC casing to 17,920' MD/7,325' TVD (5-1/2" casing shoe depth).** Mix & pump 40 bbls of 11.0 ppg EZ Spacer, 186 bbls of 11.0 ppg mud recovery spacer, 95 bbls (340 sacks) of 12.0 ppg ASTM Type IL lead cement, Yield: 1.57 ft³/sack, 448 bbls (1,701 sacks) of 14.0 ppg Class G tail cement, Yield: 1.48 ft³/sack. Drop plug and displace with 397 bbls of fresh water (with Biocide), full returns, 27 bbls of spacer returns to surface. Top of cement 4,340' MD (CBL). RDRR @ 16:30 hrs 9/9/2024.

Production casing pressure test will be submitted on next sundry.

Mandi Walker

From: Chris Tomlinson
Sent: Thursday, July 11, 2024 4:36 PM
To: 'Kuehling, Monica, EMNRD'
Cc: Mandi Walker
Subject: RE: [EXTERNAL] Re: San Juan 32 -7 Fed Com 603H. API: 34-045-38341

Follow Up Flag: Flag for follow up
Flag Status: Flagged

Thanks Monica. The MV will be covered w/ cement.

From: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Sent: Thursday, July 11, 2024 4:21 PM
To: Chris Tomlinson <ctomlinson@hilcorp.com>
Cc: Mandi Walker <mwalker@hilcorp.com>
Subject: RE: [EXTERNAL] Re: San Juan 32 -7 Fed Com 603H. API: 34-045-38341

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NMOCD approves below – please make sure covering MV with cement.

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: Chris Tomlinson <ctomlinson@hilcorp.com>
Sent: Thursday, July 11, 2024 1:48 PM
To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Cc: Mandi Walker <mwalker@hilcorp.com>
Subject: [EXTERNAL] Re: San Juan 32 -7 Fed Com 603H. API: 34-045-38341

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Monica,

Just checking in to see if you need anything else? We have no movement on the fish and are waiting on approval to proceed with the sidetrack.

Thanks

Chris Tomlinson
Sr. Drilling Engineer
713-632-4298

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From: Chris Tomlinson
Sent: Thursday, July 11, 2024 12:08:55 PM
To: Monica.Kuehling@emnrd.nm.gov <Monica.Kuehling@emnrd.nm.gov>
Cc: Mandi Walker <mwalker@hilcorp.com>
Subject: San Juan 32 -7 Fed Com 603H. API: 34-045-38341

Monica,

We are currently drilling the intermediate section on the San Juan 32-7 Fed Com 603H. Unfortunately, we have stuck our bha at 6598 MD / 6382' TVD. We ran free point and backed off at 6380'. This leaves ~228' of fish (bit, mud motor, mwd, 2 NMDC, 1 DC & circulation sub). We are currently attempting to fish the bha. If we cannot free the bha, I will need to sidetrack around the fish.

I've attached the current wbs. I will want to set a kickoff plug from 6380' (top of fish) to 5500'. I would do this utilizing 2 balanced cement plugs. First plug will be set from 6380' – 6000' (61 bbls @ 17 ppg & 0.99 ft³/sx). Second plug will be set from 6000' – 5500' (80 bbls @ 17 ppg & 0.99 ft³ sx). Once cement is in place, we will wait at least 18 hrs prior to attempting to sidetrack.

The well is currently at 17 degrees. We should be able to sidetrack off the lowside of the hole around the fish and then get back on plan. The lateral placement will not change.

Intermediate casing point is planned at 6780' MD / 6553 TVD (~100' into the Mancos).

Please let me know if we are ok to proceed as planned. Feel free to contact me with any questions. I've attached the cement slurry design along w/ the planned kickoff plugs and original planned wbs.

Thanks,

Thanks,

Chris Tomlinson
Sr. Drilling Engineer
Hilcorp
713-289-2922
713-632-4298

The information contained in this email message is confidential and may be legally privileged and is intended only for the use of the individual or entity named above. If you are not an intended recipient or if you have received this message in error, you are hereby notified that any dissemination, distribution, or copy of this email is strictly prohibited. If you have received this email in error, please immediately notify us by return email or telephone if the sender's phone number is listed above, then promptly and permanently delete this message.

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 Reply

 Reply All

 Forward



Thu 7/11/2024 11:29 AM

 Chris Tomlinson
To  Mendi Walker

Talked to Kenny – BLM doesn't care about the sidetrack since we are not changing directional plan (lateral placement).

Monica wants a quick procedure... working on that right now.

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

Action 383677

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 383677
	Action Type: [C-103] Sub. Drilling (C-103N)

CONDITIONS

Created By	Condition	Condition Date
keith.dziokonski	Intermediate cement was not circulated as per APD COA's. • Operator failed to perform a CBL as prescribed in previous conditions of approval notes, the failure to follow a COA will result in review for potential compliance actions.	9/17/2024