

Well Name: SAN JUAN 32-9 UNIT	Well Location: T32N / R10W / SEC 35 / NWNW / 36.9467813 / -107.8566451	County or Parish/State: SAN JUAN / NM
Well Number: 297S	Type of Well: OTHER	Allottee or Tribe Name:
Lease Number: NMSF078507	Unit or CA Name: SJ 32-9 FRUITLAND PA	Unit or CA Number: NMNM78425D
US Well Number: 3004533355	Operator: HILCORP ENERGY COMPANY	

Notice of Intent

Sundry ID: 2804047

Type of Submission: Notice of Intent	Type of Action: Plug and Abandonment
Date Sundry Submitted: 07/31/2024	Time Sundry Submitted: 09:38
Date proposed operation will begin: 09/12/2021	

Procedure Description: Hilcorp Energy Company request permission to plug and abandon the subject well per the attached procedure, current and proposed wellbore schematics. Per Chris Wenman, BLM, a Pre-Disturbance Site visit is not necessary as the well is twinned with the San Juan 32-9 Unit 34A (30.045.22917). The Pre-Disturbance Site visit will be conducted when the San Juan 32-9 Unit 34A is ready to be plugged and abandoned. A closed loop system will be used.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

2024_07_23__SAN_JUAN_32_9_UNIT_297S__P_A_NOI_20240731093725.pdf

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Operator: HILCORP ENERGY
COMPANY

Conditions of Approval

Additional

General_Requirement_PxA_20240808102806.pdf

2804047_NOIA_297S_3004533355_KR_08082024_20240808102758.pdf

San_Juan_32_9_Unit__297S_Geo_Report_20240808095228.pdf

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: PRISCILLA SHORTY

Signed on: JUL 31, 2024 09:37 AM

Name: HILCORP ENERGY COMPANY

Title: Regulatory Technician

Street Address: 382 ROAD 3100

City: AZTEC

State: NM

Phone: (505) 324-5188

Email address: PSHORTY@HILCORP.COM

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: KENNETH G RENNICK

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647742

BLM POC Email Address: krennick@blm.gov

Disposition: Approved

Disposition Date: 08/08/2024

Signature: Kenneth Rennick



HILCORP ENERGY COMPANY

SAN JUAN 32-9 UNIT 297S

P&A NOI

API #:	3004533355
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JOB PROCEDURES
<div><div><div>1. Contact NMOCD and BLM (where applicable) 24 hours prior to MIRU.</div><div>2. Hold pre-job safety meeting. Verify cathodic is off. Comply with all NMOCD, BLM, and HEC safety and environmental regulations.</div><div>3. MIRU service rig and associated equipment.</div><div>4. POOH w/ rods; NU & test BOP; POOH w/ tubing.</div><div>5. Set a 7" CICR at +/- 2,636' to isolate the FRD Open Hole. TIH with work string, sting into CICR, establish injection.</div><div>6. PLUG #1a: 53sx of Class G Cement (15.8 PPG, 1.15 yield); FRD Open Hole @ 2,686' FRD Top @ 2,440': Pump 10sx of cement beneath the 7" CICR (est. TOC @ +/- 2,636' & est. BOC @ +/- 2,686'). Continue pumping a 43 sack balanced cement plug in the 9-1/2" open hole (est. TOC @ +/- 2,686' & est. BOC @ +/- 2,786').</div><div>7. Sting out of the CICR.</div><div>8. Load the well as needed. Pressure test the casing above the plug to 560 psig.</div><div>9. RU Wireline. Run CBL. Record Top of Cement. All subsequent plugs below are subject to change pending CBL results.</div><div>10. PU & TIH w/ work string to +/- 2,636'.</div><div>11. PLUG #1b: 59sx of Class G Cement (15.8 PPG, 1.15 yield); FRD Open Hole @ 2,686' FRD Top @ 2,440': Pump a 59 sack balanced cement plug on top of the CICR. (est. TOC @ +/- 2,340' & est. BOC @ +/- 2,636'). Wait on Cement for 4 hours, tag TOC w/ work string. *Note cement plug lengths & volumes account for excess.</div><div>12. POOH w/ work string to +/- 1,469'.</div><div>13. PLUG #2: 49sx of Class G Cement (15.8 PPG, 1.15 yield); KRD Top @ 1,419' OJO Top @ 1,322': Pump a 49 sack balanced cement plug inside the 7" casing (est. TOC @ +/- 1,222' & est. BOC @ +/- 1,469').*Note cement plug lengths & volumes account for excess.</div><div>14. POOH w/ work string to +/- 775'.</div><div>15. PLUG #3: 30sx of Class G Cement (15.8 PPG, 1.15 yield); NAC Top @ 725': Pump a 30 sack balanced cement plug inside the 7" casing (est. TOC @ +/- 625' & est. BOC @ +/- 775').*Note cement plug lengths & volumes account for excess.</div><div>16. POOH w/ work string to +/- 190'.</div><div>17. PLUG #4: 38sx of Class G Cement (15.8 PPG, 1.15 yield); Surf. Casing Shoe @ 140': Pump a 38 sack balanced cement plug inside the 7" casing (est. TOC @ +/- 0' & est. BOC @ +/- 190').</div><div>18. ND BOP, cut off casing below casing flange. Top off cement in surface casing annulus, if needed. Install a P&A marker with cement to comply with regulations. Rig down, move off location, cut off anchors, and restore location.</div></div></div>



HILCORP ENERGY COMPANY
SAN JUAN 32-9 UNIT 297S
P&A NOI

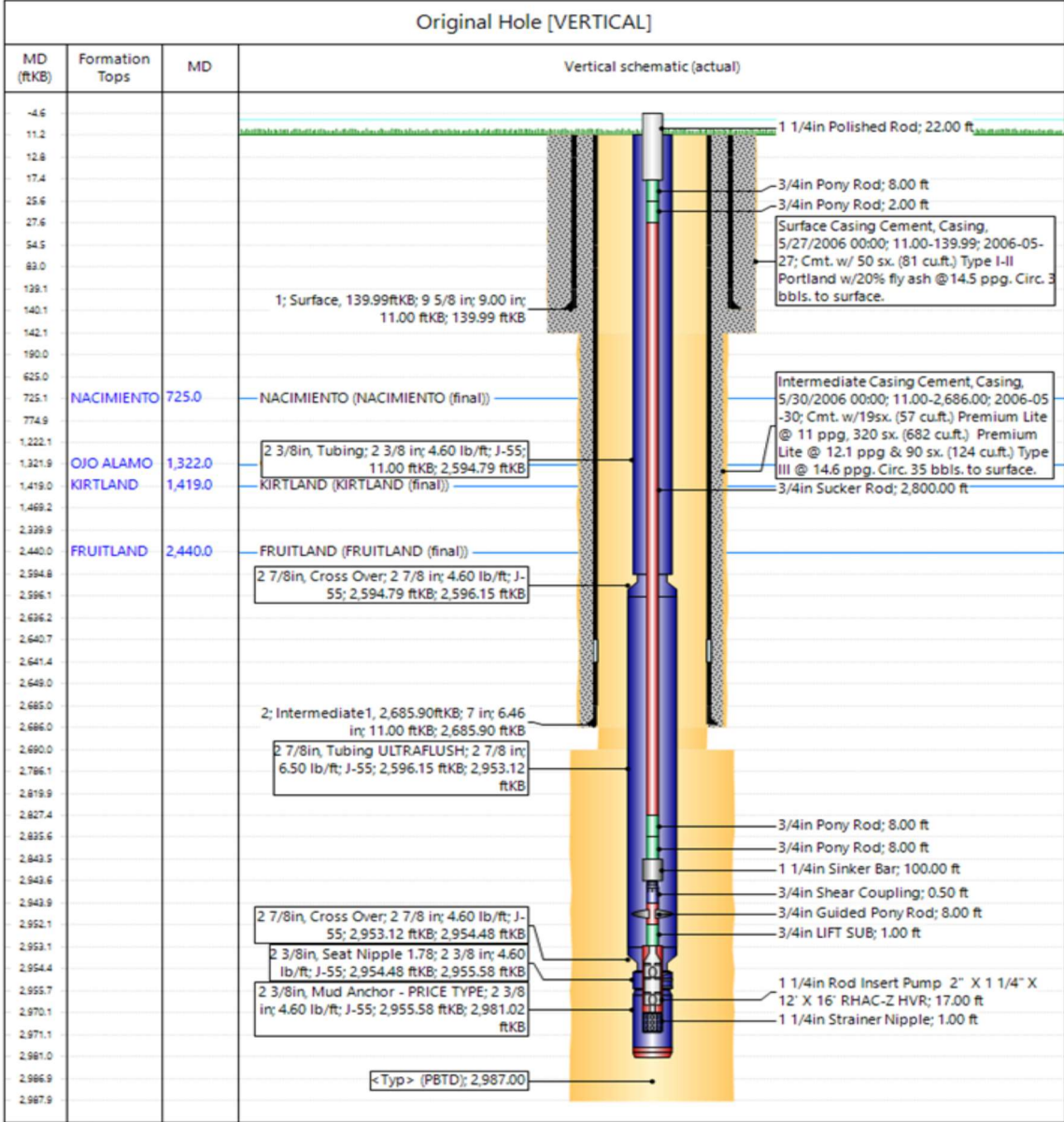
SAN JUAN 32-9 UNIT 297S - CURRENT WELLBORE SCHEMATIC



P&A WBD - Current Schematic

Well Name: SAN JUAN 32-9 UNIT #297S

API / UWI 3004533355	Surface Legal Location 035-032N-010W-D	Field Name BASIN (FRUITLAND COAL)	Route 0403	State/Province NEW MEXICO	Well Configuration Type VERTICAL
Ground Elevation (ft) 6,178.00	Original K/BRT Elevation (ft) 6,189.00	Tubing Hanger Elevation (ft)	RxS to GL (ft) 11.00	K/S-Casing Flange Distance (ft)	K/S-Tubing Hanger Distance (ft)

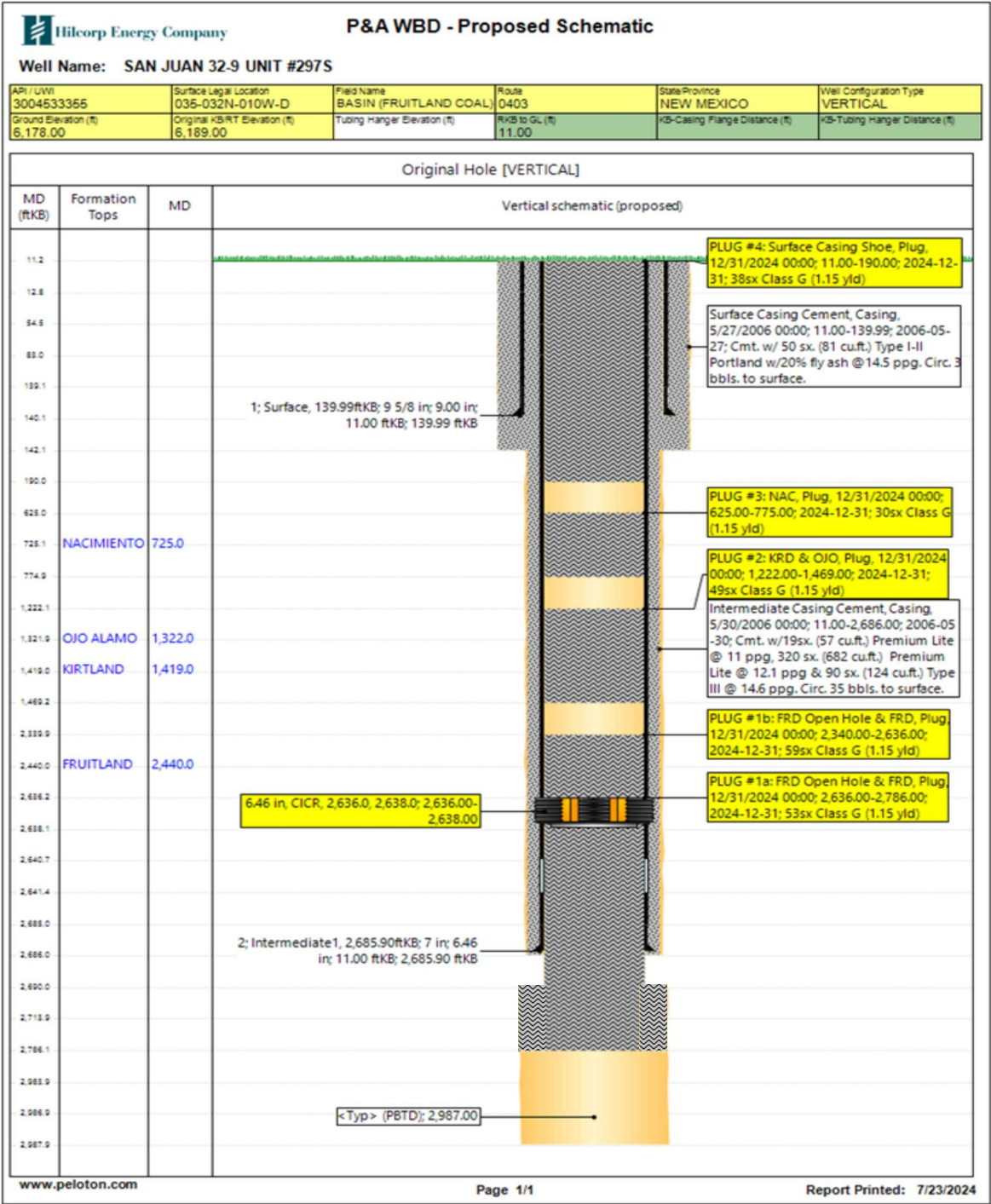


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HILCORP ENERGY COMPANY
SAN JUAN 32-9 UNIT 297S
P&A NOI

SAN JUAN 32-9 UNIT 297S - PROPOSED WELLBORE SCHEMATIC



**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
6251 COLLEGE BLVD.
FARMINGTON, NEW MEXICO 87402**

AFMSS 2 Sundry ID 2804047

Attachment to notice of Intention to Abandon

Well: San Juan 32-9 Unit 297S

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. Farmington Office is to be notified at least 24 hours before the plugging operations commence at (505) 564-7750.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.

K. Rennick 08/08/2024

BLM - FFO - Geologic Report

Well No. San Juan 32-9 Unit 297S

API 3004533355

Operator Hilcorp

Elevation 6189

Surf. Loc. 720

T. 32 N

County San Juan

Date Completed: 8/8/2024

FNL 1155 FWL

R. 10 W Section 35

State NM

Geologic Formations	Tops	Remarks
San Jose	Surface	Freshwater sands
Nacimiento	710	possible water
Ojo Alamo	1340	Freshwater/Gas
Kirtland	1405	Poss. Water
Fruitland	2550	Gas, Coal
Pic Cliffs	N/A	
Lewis	N/A	
Chacra	N/A	
Cliffhouse	N/A	
Menefee	N/A	
Pt Lookout	N/A	
Mancos	N/A	
Gallup	N/A	

Completed by Alek Knapowski

**GENERAL REQUIREMENTS FOR
PERMANENT ABANDONMENT OF WELLS ON FEDERAL AND INDIAN LEASES
FARMINGTON FIELD OFFICE**

1.0 The approved plugging plans may contain variances from the following minimum general requirements.

1.1 Modification of the approved plugging procedure is allowed only with the prior approval of the Authorized Officer, Farmington Field Office.

1.2 Requirements may be added to address specific well conditions.

2.0 Materials used must be accurately measured. (densometer/scales)

3.0 A tank or lined pit must be used for containment of any fluids from the wellbore during plugging operations and all pits are to be fenced with woven wire. These pits will be fenced on three sides and once the rig leaves location, the fourth side will be fenced.

3.1 Pits are not to be used for disposal of any hydrocarbons. If hydrocarbons are present in the pit, the fluids must be removed prior to filling in.

4.0 All cement plugs are to be placed through a work string. Cement may be bull-headed down the casing with prior approval. Cement caps on top of bridge plugs or cement retainers may be placed by dump bailer.

4.1 The cement shall be as specified in the approved plugging plan.

4.2 All cement plugs placed inside casing shall have sufficient volume to fill a minimum of 100' of the casing, or annular void(s) between casings, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug.

4.3 Surface plugs may be no less than 50' in length.

4.4 All cement plugs placed to fill annular void(s) between casing and the formation shall be of sufficient volume to fill a minimum of 100' of the annular space plus 100% excess, calculated using the bit size, or 100' of annular capacity, determined from a caliper log, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug.

4.5 All cement plugs placed to fill an open hole shall be of sufficient volume to fill a minimum of 100' of hole, as calculated from a caliper log, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug. In the absence of a caliper log, an excess of 100% shall be required.

4.6 A cement bond log or other accepted cement evaluation tool is required to be run if one had not been previously ran or cement did not circulate to surface during the original casing cementing job or subsequent cementing jobs.

5.0 All cement plugs spotted across, or above, any exposed zone(s), when; the wellbore is not full of fluid or the fluid level will not remain static, and in the case of lost circulation or partial returns during cement placement, shall be tested by tagging with the work string.

- 5.1 The top of any cement plug verified by tagging must be at or above the depth specified in the approved plan, without regard to any excess.
- 5.2 Testing will not be required for any cement plug that is mechanically contained by use of a bridge plug and/or cement retainer, if casing integrity has been established.
- 5.3 Any cement plug which is the only isolating medium, for a fresh water interval or a zone containing a prospectively valuable deposit of minerals, shall be tested by tagging.
- 5.4 If perforations are required below the surface casing shoe, a 30 minute minimum wait time will be required to determine if gas and/or water flows are present. If flow is present, the well will be shut-in for a minimum of one hour and the pressure recorded. Short or long term venting may be necessary to evacuate trapped gas. **If only a water flow occurs with no associated gas, shut well in and record the pressures. Contact the Engineer as it may be necessary to change the cement weight and additives.**

6.0 Before setting any cement plugs the hole needs to be rolled. All wells are to be controlled by means of a fluid that is to be of a weight and consistency necessary to stabilize the wellbore. This fluid shall be left in place as filler between all plugs.

- 6.1 Drilling mud may be used as the wellbore fluid in open hole plugging operations.
- 6.2 The wellbore fluid used in cased holes shall be of sufficient weight to balance known pore pressures in all exposed formations.

7.0 A blowout preventer and related equipment (BOPE) shall be installed and tested prior to working in a wellbore with any exposed zone(s); (1) that are over pressured, (2) where the pressures are unknown, or (3) known to contain H₂S.

8.0 Within 30 days after plugging work is completed, file a Sundry Notice, Subsequent Report of Abandonment (Form 3160-5), through the Automated Fluid Minerals Support System (AFMSS) with the Field Manager, Bureau of Land Management, 6251 College Blvd., Suite A, Farmington, NM 87402. The report should show the manner in which the plugging work was carried out, the extent, by depth(s), of cement plugs placed, and the size and location, by depth(s), of casing left in the well. Show date well was plugged.

9.0 All permanently abandoned wells are to be marked with a permanent monument as specified in 43 CFR 3162.6(d). Unless otherwise approved.

10.0 If this well is located in a Specially Designated Area (SDA), compliance with the appropriate seasonal closure requirements will be necessary.

All of the above are minimum requirements. Failure to comply with the above conditions of approval may result in an assessment for noncompliance and/or a Shut-in Order being issued pursuant to 43 CFR 3163.1. You are further advised that any instructions, orders or decisions issued by the Bureau of Land Management are subject to administrative review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4 and 43 CFR 4.700.

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 371925

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 371925
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	NMOCD call on Frt top 2440 - run capacity of open hole- - Notify NMOCD 24 hours prior to moving on - Monitor casing strings daily report on subsequent - submit all logs prior to subsequent	8/12/2024