

Well Name: CAIN	Well Location: T31N / R13W / SEC 25 / SENE / 36.873688 / 108.148849	County or Parish/State: SAN JUAN / NM
Well Number: 2	Type of Well: OTHER	Allottee or Tribe Name:
Lease Number: NMSF078464	Unit or CA Name:	Unit or CA Number:
US Well Number: 3004525574	Well Status: Producing Gas Well	Operator: HILCORP ENERGY COMPANY

Subsequent Report

Type of Submission: Subsequent Report	Type of Action: Plug and Abandonment
Date Sundry Submitted: 02/02/2021	Time Sundry Submitted: 07:18
Date Operation Actually Began: 12/15/2020	
Actual Procedure: Please see the attached P&A SR that was filed in WIS on 12/30/2020.	

SR Attachments

Actual Procedure

Cain_2_Subseq_P_A_BLM_Submitted_20210202071827.pdf

Operator Certification

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 submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: WALKER	Signed on: FEB 02, 2021 07:18 AM
Name: HILCORP ENERGY COMPANY	
Title: Operations/Regulatory Technician	
Street Address: 382 Road 3100	
City: Aztec	State: NM
Phone: (505) 324-5122	
Email address: mwalker@hilcorp.com	

Field Representative

Representative Name: Amanda Walker		
Street Address: 382 ROAD 3100		
City: FARMINGTON	State: NM	Zip: 87401
Phone: (505)324-5122		
Email address: mwalker@hilcorp.com		

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US Well Number: 3004525574	Well Status: Producing Gas Well	Operator: HILCORP ENERGY COMPANY

BLM Point of Contact

BLM POC Name: WILLIAM F TAMBEKOU	BLM POC Title: PETROLEUM ENGINEER
BLM POC Phone: 7192698500	BLM POC Email Address: wtambekou@blm.gov
Disposition: Accepted	Disposition Date: 04/02/2021
Signature: William Max Tambekou	

Form 3160-5
(June 2015)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018**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.
NMSF078464

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
CAIN 29. API Well No.
30-045-2557410. Field and Pool or Exploratory Area
WILDCAT FS/AZTEC PC

11. County or Parish, State

SAN JUAN COUNTY, NM

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator
HILCORP ENERGY COMPANYContact: PRISCILLA SHORTY
E-Mail: pshorty@hilcorp.com3a. Address
1111 TRAVIS STREET
HOUSTON, TX 770023b. Phone No. (include area code)
Ph: 505-324-5188

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

Sec 25 T31N R13W Mer NMP SENE 1520FNL 790FEL

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 checked="" 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 checked="" 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 recompleat 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 performed 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 recompleat 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 determined that the site is ready for final inspection.

The subject well was plugged & abandoned on 12/21/2020. Please see attached operation details and current schematic.

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #542318 verified by the BLM Well Information System
For HILCORP ENERGY COMPANY, sent to the Farmington**

Name (Printed/Typed) PRISCILLA SHORTY

Title OPERATIONS REGULATORY TECH SR

Signature (Electronic Submission)

Date 12/30/2020

THIS 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)

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

CAIN 2

30-045-25574

PLUG & ABANDON

12/15/2020 –MIRU. CK PRESSURES. OPEN WELL. TBG- 0 PSI. CSG- 80 PSI. BH- 70 PSI. RU ROD HANDLING EQUIP. POOH LD PUMP AND ROD STRING. ND HEAVILY CORRODED WH. NU BOPE. POOH LD PRODUCTION TBG STRING. LD BHA. SIW. SDFN.

12/16/2020 - CK PRESSURES. OPEN WELL. TBG- 0 PSI. CSG- 80 PSI. BH- 70 PSI. PU 4 1/2" CSG SCRAPER. PU AND TALLY 64 JTS TO 2080'. UNABLE TO PASS THIS DEPTH DUE TO SCALE OR OBSTRUCTION IN CSG. CONTACTED MONICA KUEHLING, OCD, AND DERRICK McCULLER, BLM, AND RECEIVED APPROVAL TO SET CIRC AT THIS DEPTH. TOOH LD CSG SCRAPER. PU 4 1/2" CMT RETAINER. TIH AND SET AT 2080'. LOAD TBG W/ 5 BBLS (8 BBL CAPACITY) ESTIMATED FLUID LEVEL IN CSG IS 1435'. PRTST TBG STRING TO 1000 PSI. TEST GOOD. ATTEMPT TO EST INJECTION UNDER RETAINER. PRESSURE LOCKED UP IMMEDIATELY TO 600 PSI AND HELD. STUNG OUT OF RETAINER AND PUMP 20 BBLS IN ATTEMPT TO EST CIRC. NO CIRC. CONTACTED MONICA KUEHLING, OCD, AND DERRICK McCULLER, BLM, AND WAITED BEFORE RECEIVING OK TO PUMP 150' PLUG ON TOP OF RETAINER. MIX AND PUMP PLUG #1 W/ 12 SKS OF 15.8 PPG 1.15 YIELD 2.5 BBLS SLURRY CLASS G NEAT CMT. DISP W/ 2 BBLS. POOH LD 7 JTS. STAND BACK 28 STANDS. LD SETTING TOOL. DRAIN ALL EQUIP. SIW. SDFN.

12/17/2020 - CK PRESSURES. OPEN WELL. TBG- 0 PSI. CSG- 40 PSI. BH- 40 PSI. TIH OPEN ENDED. TAG OF CEMENT PLUG #1 AT 2038'. 42' UP FROM CMT RETAINER. COMMUNICATE TAG DEPTHS W/ MONICA KUEHLING, OCD, AND DERRICK McCULLER, BLM. POOH. PU 4 1/2" CAST IRON BRIDGE PLUG. TIH AND SET AT 1748'. ROLL HOLE W/ 25 BBLS. ATTEMPT TO PRESSURE TEST CSG. NO TEST. MIX AND PUMP PLUG #2 W/ 26 SKS OF 15.8 PPG 1.15 YIELD 5.3 BBLS SLURRY CLASS G NEAT CMT W/ 2% CALCIUM. DISP W/ 4.5 BBLS. POOH LD 8 JTS. STAND BACK 21 STANDS. LD SETTING TOOL. WOC 4 HRS. TIH W/ 20 STANDS. PU 4 JTS AND TAGGED TOC AT 1460'. POOH. LD BULL PLUG. TIH W/ 22 JTS TO 726'. MIX AND PUMP PLUG #3 W/ 25 SKS OF 15.8 PPG 1.15 YIELD 5.1 BBLS SLURRY CLASS G NEAT CMT W/ 2% CALCIUM. DISP W/ 1.2 BBLS. POOH LD 22 JTS. WASH UP ALL EQUIP. DRAIN ALL EQUIP. SIW. SECURE LOCATION. DEBRIEF CREW. SDFN.

12/18/2020 - CK PRESSURES. OPEN WELL. TBG- 0 PSI. CSG- 0 PSI. BH- 0 PSI. TIH OPEN ENDED. TAG OF CMT PLUG #3 AT 416'. COMMUNICATE TAG DEPTHS W/ MONICA KUEHLING, OCD, AND DERRICK McCULLER, BLM. POOH. RU WL. RIH AND PERFORATE 4 HOLES AT 310'. POOH AND RD WL. TIH OPEN ENDED TO 400'. MIX AND PUMP PLUG #4 (SURFACE PLUG) W/ 46 SKS OF 15.8 PPG 1.15 YIELD 9.2 BBLS SLURRY CLASS G NEAT CMT F/ 400' TO SURFACE. FILLED 4 1/2 CSG W/ 32 SKS AND CIRC 14 SACKS INTO ANNULUS BEFORE LOCKING UP TO 1000 PSI. CONTACTED MONICA KUEHLING, OCD, AND DERRICK McCULLER, BLM, AND RECEIVED OK TO CALL PLUG GOOD THERE AND WAIT OVER WEEKEND. POOH LD 12 JTS. WASH UP ALL EQUIP. DRAIN ALL EQUIP. SIW. SECURE LOCATION. DEBRIEF CREW. SDFWE. CREW TRAVEL BACK TO YARD.

12/21/2020 - TRAVEL TO BAYWATERS YARD. LOAD EQUIP. MOB RIG AND EQUIP TO LOCATION. PJSM. CK PRESSURES. OPEN WELL. TBG- 0 PSI. CSG- 0 PSI. BH- 0 PSI. RU WELDER. CO WH. CMT DOWN 24' IN 4 1/2" CSG AND 100' DOWN IN BACK SIDE. RIH W/ POLYPIPE TO 80'. CIRC CMT TO SURFACE. WELD ON DHM. TOP OF CELLAR. RIG CREW TRAVEL BACK TO YARD.

THE SUBJECT WELL WAS PLUGGED AND ABANDONED ON 12/21/2020.

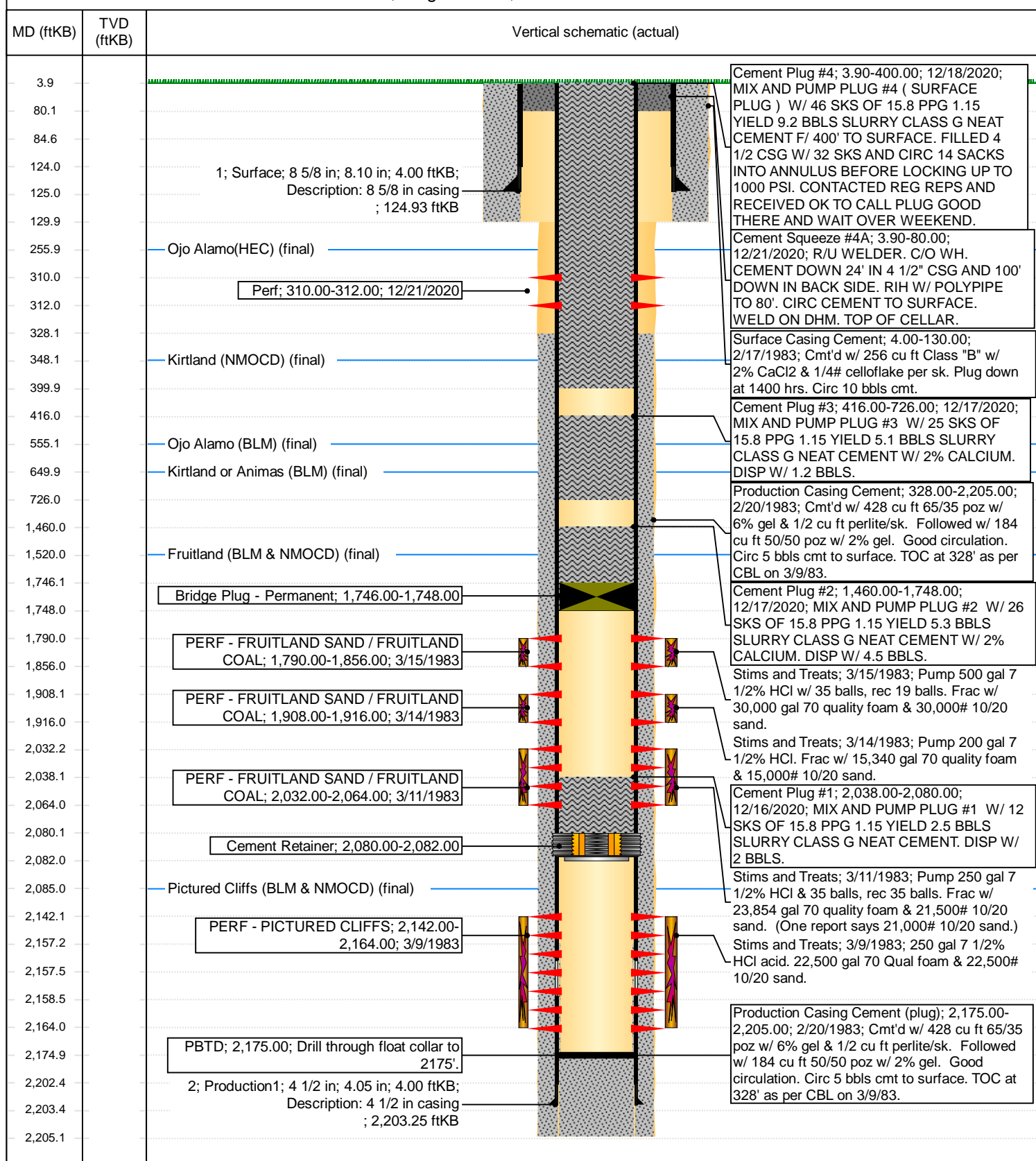


Current Schematic

Well Name: CAIN #2

API / UWI 3004525574	Surface Legal Location H-25-31N-13W	Field Name BLANCO	Route 0203	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 5,820.00	Original KB/RT Elevation (ft) 5,824.00	KB-Ground Distance (ft) 4.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	

Vertical, Original Hole, 12/30/2020 10:27:23 AM



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 22794

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 22794
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	None	10/4/2021