

<b>Well Name:</b> SAN JUAN 29-7 UNIT	<b>Well Location:</b> T29N / R7W / SEC 9 / NWNE / 36.745071 / -107.573273	<b>County or Parish/State:</b> RIO ARRIBA / NM
<b>Well Number:</b> 534	<b>Type of Well:</b> OTHER	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMSF078423	<b>Unit or CA Name:</b> SAN JUAN 29-7 UNIT--FR	<b>Unit or CA Number:</b> NMNM78417D
<b>US Well Number:</b> 3003925240	<b>Operator:</b> HILCORP ENERGY COMPANY	

### Subsequent Report

**Sundry ID:** 2789531

**Type of Submission:** Subsequent Report

**Type of Action:** Workover Operations

**Date Sundry Submitted:** 05/10/2024

**Time Sundry Submitted:** 10:57

**Date Operation Actually Began:** 04/25/2024

**Actual Procedure:** A liner install was performed on the subject well per the attached reports.

### SR Attachments

#### Actual Procedure

SJ\_29\_7\_Unit\_534\_Operations\_Summary\_20240510105710.pdf

**Well Name:** SAN JUAN 29-7 UNIT

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NWNE / 36.745071 / -107.573273

**County or Parish/State:** RIO  
ARRIBA / NM

**Well Number:** 534

**Type of Well:** OTHER

**Allottee or Tribe Name:**

**Lease Number:** NMSF078423

**Unit or CA Name:** SAN JUAN 29-7  
UNIT--FR

**Unit or CA Number:**  
NMNM78417D

**US Well Number:** 3003925240

**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:** CHERYLENE WESTON

**Signed on:** MAY 10, 2024 10:57 AM

**Name:** HILCORP ENERGY COMPANY

**Title:** Operations/Regulatory Tech - Sr

**Street Address:** 1111 TRAVIS STREET

**City:** HOUSTON

**State:** TX

**Phone:** (713) 289-2615

**Email address:** CWESTON@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:** 05/10/2024

**Signature:** Matthew Kade



Hilcorp Alaska, LLC

## Well Operations Summary

Well Name: SAN JUAN 29-7 UNIT #534

API: 3003925240

Field: BSN (FTLD COAL)

#3046

State: NEW MEXICO

Permit to Drill (PTD) #:

Sundry #:

Rig/Service: DWS 34

## Jobs

Actual Start Date: 4/25/2024

End Date: 5/6/2024

Report Number  
1Report Start Date  
4/25/2024Report End Date  
4/25/2024

## Operation

LOAD UP EQUIP AT SJ 27-5 U78E, MOVE EQUIP AND WSU.

SPOT IN EQUIP, RU WSU, RU FLOW LINE AND PUMP LINES.

TBG AND CSG PRESS 50 PSI, BLOW DOWN WELL PRESS ON 1 MIN, ND WH, NU BOP, RU RIG FLOOR, PULL OUT TBG HANGER, TAG FILL 22' BELOW LANDING POINT (WILL TALLY TBG TOMORROW TO KNOW TOP OF FILL).

SHUT IN AND SECURED WELL.

RIG CREW DROVE BACK TO THE YARD.

Report Number  
2Report Start Date  
4/26/2024Report End Date  
4/26/2024

## Operation

TRAVEL TIME TO LOCATION.

PJSM, START AND WAR UP EQUIP.

SICP 125 PSI

SITP 50 PSI

BH 0 PSI

BDT 4 MIN.

MIRU TUBOSCOPE SCANNER, TOH SCANNING W/1 JT, 2-8' TBG SUBS, 87 JTS, 2'MJ, SN, NC.

SPOT IN PIPE WRANGLER, PIPE RACKS, UNLOAD WORK STRING.

RUN IN W/6 1/4" BIT, 6-3 1/2" DC, 80- 2 7/8" AOP WORK STRING TO 2702'.

SHUT IN AND SECURED WELL.

TRAVEL TIME BACK TO TOWN.

Report Number  
3Report Start Date  
4/29/2024Report End Date  
4/29/2024

## Operation

RIG CREW TRAVELED TO LOCATION

PRE JOB SAFETY MEETING. TOOK PRESSURES ON WELL. CASING 140 PSI. TBG 0 PSI. BH 0 PSI. BLEW WELL DOWN IN 10 MINUTES.

SICP 140 PSI

SITP 0 PSI

BH 0 PSI

BDT 10 MIN.

SWAP OUT STRIPPING HEAD.

PICK UP AND TRIP IN HOLE FROM 2702' WITH 2 7/8" AOH DRILL PIPE AND 6 1/4" BIT TO FILL DEPTH OF 2844'. TAG UP FILL DEPTH IS 119' FROM TD OF 2963'

RIG UP POWER SWIVEL. BRING ON TWO AIR UNITS AT 2100 CFM AIR AND 10 BBL PER HOUR MIST. WITH 2 GALLON PER HOUR FOAMER AND 2 1/2 GALLON PER HOUR CORROSION INHIBITOR. CLEAN OUT FILL FROM 2844' TO TD OF 2963'. CIRCULATED AT TD UNTIL RETURNS WERE DOWN TO A TRACE. SHUT AIR UNIT DOWN.

NOTE: COAL RETURNS RANGED FROM 3-4 CUPS PER 5 GALLON BUCKET TEST TO A TRACE BY THEN END OF THE CLEAN OUT. AVERAGE CIRCULATING PRESSURE RANGED FROM 550 PSI TO 650 PSI.

TRIP OUT OF THE HOLE TO 2702' WITH 9 JOINTS OF DRILL PIPE LAYING THEM DOWN ON THE PIPE RACKS.

SHUT WELL IN. SECURE LOCATION. SHUT DOWN FOR THE DAY.

TRAVEL BACK TO YARD

Report Number  
4Report Start Date  
4/30/2024Report End Date  
4/30/2024

## Operation

RIG CREW TRAVELED TO LOCATION.

HELD SAFETY MEETING. TOOK PRESSURES ON WELL. CASING 70 PSI. TUBING 0 PSI. BH 0 PSI. BLOW WELL DOWN IN 5 MINUTES.

PICK UP AND TIH WITH 2 7/8" DRILL PIPE FROM 2702'. TAGGED AT 2844'.

BRING ON AIR PACKAGE AT 2100 CFM AND 10 BBL PER HOUR MIST WITH 2 1/2 GALLON PER HOUR SOAP/2 1/2 GALLON PER HOUR CORROSION INHIBITOR. CLEAN OUT MULTIPLE BRIDGES AND TIGHT SPOTS FROM 2844' TO TD/2963' WITH 6 1/4 BIT AND POWER SWIVEL. COAL RETURNS RANGED FROM 1 CUP PER BUCKET TEST TO 4-5 CUPS PER BUCKET TEST DURING OUR CLEAN UP, NEVER BEING ABLE TO GET THE COAL CLEANED UP. LET PROJECT ENGINEER MATTHEW ESZ KNOW ABOUT RESULTS. DECISION MADE TO TRIP OUT WITH BIT. SHUT AIR UNIT DOWN.

TRIP OUT OF THE HOLE WITH 89 JOINTS 2 7/8" AOH DRILL PIPE. SIX 3 1/8 DRILL COLLARS AND 6 1/4" BIT FROM 2963'. LAYED DOWN DRILL COLLARS AND 11 JOINTS OF DRILL PIPE.

CHANGE OVER TO 4 1/2" HANDLING TOOLS. PICK UP/RIH WITH 4 1/2" SHOE WITH CUT RITE ON BOTTOM. 6 JOINTS OF 4 1/2" 11.6# J/L R-3 LTC PERFORATED LINER. 4 1/2" LINER DROP OF TOOL. AOH X 3 1/2" IF CHANGE OVER AND 2 7/8" DRILL PIPE TO 2909'. TRIED TO ROTATE THE LINER DOWN WITH THE SWIVEL. COULD NOT GO ANY DEEPER. CALLED ENGINEER WITH UPDATE.

TRIP OUT AND LAY DOWN 6 JOINTS OF 2 7/8" DRILL PIPE TO 2722'.

SHUT WELL IN. SECURE LOCATION. SHUT DOWN FOR THE DAY.



Hilcorp Alaska, LLC

## Well Operations Summary

Well Name: SAN JUAN 29-7 UNIT #534

API: 3003925240

Field: BSN (FTLD COAL)

#3046

State: NEW MEXICO

Sundry #:

Rig/Service: DWS 34

Operation

TRAVEL TO YARD.

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

Operation

RIG CREW TRAVELED TO LOCATION.

SAFETY MEETING. TOOK PRESSURES ON WELL. CASING 140 PSI. TUBING 0 PSI. BH 0 PSI. BLOW WELL DOWN IN 10 MINUTES

TRIP OUT OF THE HOLE WITH THE 4 1/2" PERFORATED LINER.

MAKE UP CLEAN OUT BHA. TRIP IN HOLE WITH 6 1/4" BIT AND 2 7/8" AOH WORK STRING. TAGGED UP AT 2905'. MADE 3 FEET OF FILL OVER NIGHT.

RIG UP POWER SWIVEL. BRING ON AIR UNIT AT 2100 CFM WITH 10 BBL PER HOUR AIR FOAM MIST WITH 2 1/2 GALLON PER HOUR SOAP AND 2 1/2 GALLON PER HOUR CORROSION INHIBITOR. BREAK CIRCULATION WITH MIST. UNLOAD HOLE. CIRCULATING AT 550 PSI TO 650 PSI. CLEAN OUT FROM 2905' TO 2925'. WE GOT STUCK AT A DEPTH OF 2925'.

WORKED PIPE WITH NO SUCCESS. WE STILL HAD GOOD CIRCULATION WITH THE AIR UNITS BUT DID NOT SEE MUCH MIST. PRESSURE THEN JUMPED UP TO 800 PSI. PRESSURE WENT AS HIGH 1200 PSI WHILE WORKING PIPE. AFTER DISCUSSION WITH ENGINEER WE TURNED OUR TORQUE UP FROM 4400 TO 5500. SHUT AIR UNIT DOWN. LEFT PIPE AT NEUTRAL. LEFT WELL OPEN TO OPEN TOP TANK. AFTER SEVERAL HOURS WE WORKED PIPE FROM STACKED OUT TO NEUTRAL. MAKING MULTIPLE ATTEMPS. SWIVEL STARTED ROTATING AND WE WERE FREED UP.

LAYED DOWN 6 JOINTS OF DRILL PIPE PULLING UP INSIDE THE 7" CASING AT 2747'.

SHUT WELL IN. SECURE LOCATION. SHUT DOWN FOR THE DAY.

TRAVEL BACK TO YARD

Report Number  
6Report Start Date  
5/2/2024Report End Date  
5/2/2024

Operation

TRAVEL TO LOCATION.

HELD PRE JOB SAFETY MEETING. TOOK PRESSURES ON WELL. CASING 155 PSI. TBG 0 PSI. BH 0 PSI. BLOW WELL DOWN IN 10 MINUTES.

BRING ON AIR FOAM MIST AT 2100 CFM WITH 2.5 GALLONS PER SOAP AND CORROSION INHIBITOR. BREAK CIRCULATION AT 2810. WAITED UNTIL WE HAD GOOD SOAP RETURNS TO START CLEAN OUT. TAGGED SOFT FILL AT @ 2915'. THEN WORKED THRU TIGHT SPOT AT 2925' AND CLEANED OUT TO TD OF 2963'. COAL RETURNS RANGED FROM A 1/4 BUCKET TO 4-5 CUPS. PER BUCKET TEST, COAL APPEARS TO BE RUNNING ON US IN THE OPEN HOLE. AVERAGE CIRCULATING PRESSURE AT 550 PSI DURING THE CLEAN OUT. DISCUSSED RESULTS WITH ENGINEER. SHUT AIR UNITS DOWN.

TRIP OUT OF THE HOLE WITH 6 1/4" BIT FROM TD OF 2963' NO DRAG COMING OUT OF THE HOLE. LAYED THE 1ST 16 JOINTS DOWN.

CHANGE OVER TO 4 1/2" HANDLING TOOLS. PICK UP/RIH WITH 4 1/2" SHOE WITH CUT RITE AND HOLES ON BOTTOM TO CIRCULATE DOWN WITH. 6 JOINTS OF 4 1/2" 11.6# J/L R-3 LTC NON-PERFORATED LINER. 4 1/2" LINER DROP OF TOOL. AOH X 3 1/2" IF CHANGE OVER AND 2 7/8" DRILL PIPE TO 2754'. SWIVEL UP AND BRING ON AIR FOAM MIST AT 10 BBL PER HOUR WITH 2.5 GALLON PER HOUR SOAP AND 2.5 GALLON PER HOUR CORROSION INHIBITOR. BREAK CIRCULATION WITH GOOD RETURNS. CIRCULATED LINER DOWN FROM 2754' TO 2963'. AVERAGE CIRCULATING PRESSURE AT 550 PSI. SHUT AIR UNIT DOWN.

PUMP AN 8 BBL WATER PAD DOWN 2 7/8" AOH. DROP PUMP OFF DART. PUMP 10 BBLS OF WATER BEHIND DART. DROP OFF TOOL SHEARED AT 1000 PSI. LAYED ONE JOINT DOWN. LINER LANDED AT 2963' LINER TOP AT 2705'.

SHUT WELL IN. SECURE LOCATION. SHUT DOWN FOR THE DAY.

TRAVEL TO YARD.

Report Number  
7Report Start Date  
5/3/2024Report End Date  
5/3/2024

Operation

RIG CREW TRAVELED TO LOCATION.

PRE JOB SAFETY MEETING. TOOK PRESSURES ON WELL. CASING 145. TBG 0. BH 0. BLOW WELL DOWN IN 10 MINUTES.

TRIP OUT LAYING DOWN 85 JNTS OF 2 7/8" AOH DRILL PIPE.

RIG UP BASIN WELL LOGGING AND PERFORATING EQUIPMENT. RIH TO CHECK FOR FILL WITH WIRELINE. TAGGED FILL AT 2936'. 27' OF FILL. POOH WITH WIRELINE. RIG DOWN WIRELINE EQUIPMENT. PREPARE FOR CLEAN OUT RUN. THEY WILL LEAVE EQUIPMENT ON LOCATION FOR THE NIGHT.

INSTALL STRIPPING HEAD. TALLY AND TRIP IN HOLE WITH 3 7/8 BIT AND 2 3/8" TBG TO FILL AT 2936'.

RIG UP SWIVEL. BRING ON AIR FOAM MIST AT 6 BBL PER HOUR AND 2 GALLON PER HOUR AIR FOAM MIST AND CORROSION INHIBITOR. CLEAN OUT 27' OF FILL THAT WAS LEFT IN THE HOLE FROM LINER RUN THE DAY PRIOR. CIRCULATE AT PBTD OF 2963' UNTIL RETURNS WERE CLEAN AND COAL WAS DOWN TO A TRACE. PUMPED SEVERAL SWEEPS. SHUT AIR UNIT DOWN. AVERAGE CIRCULATING PRESSURE DURING LINER CLEAN OUT WAS 350 PSI AND 500 PSI DURING SWEEPS.

RIG DOWN SWIVEL. PULL 4 STANDS UP INTO THE 7" CASING TO 2725'

SHUT WELL IN. SECURE LOCATION. SHUT DOWN FOR THE DAY.

TRAVEL TO YARD.

SENT WEATHERFORD WORK STRING AND DRILL COLLARS BACK TO TOWN.

Report Number  
8Report Start Date  
5/4/2024Report End Date  
5/4/2024

Operation

TRAVEL TO LOCATION.

PRE JOB SAFETY MEETING. TOOK PRESSURES ON WELL CASING 145. TUBING 0 PSI. BH 0 PSI. BLOW WELL DOWN 10 MINUTES

TIH HOLE WITH 4 STANDS OF 2 3/8" TUBING. TAG 6 FEET OF FILL.

BRING ON AIR FOAM MIST. CLEAN OUT 6 FEET OF FILL TO PBTD OF 2963'. CIRCULATE HOLE CLEAN. SHUT UNIT DOWN.

Well Operations Summary



Well Name: SAN JUAN 29-7 UNIT #534

API: 3003925240	Field: BSN (FTLD COAL)	#3046	State: NEW MEXICO
	Sundry #:		Rig/Service: DWS 34

Operation

TRIP OUT OF THE HOLE WITH TUBING AND 3 7/8" STRING MILL AND BIT.

RIG UP BASIN WIRELINE EQUIPMENT. HAD PRE JOB SAFETY MEETING. RIH AND SET CIBP IN 4 1/2" AT 2960'. PUMP 10 BBLS OF WATER DOWN CASING. PERF TOP DOWN FROM 2770' TO 2951' WITH 4 SHOTS PER FOOT. 90 DEGREE PHASING. 181 FOOT INTERVAL. 7 PERF GUN RUNS. 760 SHOTS. RIG DOWN BASIN. PUMPED 3-5 BBLS OF WATER DOWN CASING FOR EACH GUN RUN

SHUT WELL IN. SECURE LOCATION. SHUT DOWN FOR THE DAY.

TRAVEL TO YARD.

Report Number 9	Report Start Date 5/6/2024	Report End Date 5/6/2024
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Operation

TRAVEL TIME TO LOCATION.

PJSM, START AND WARM UP EQUIP.  
SICP 145 PSI  
BH 0 PSI  
BDT 10 MIN.

TIH W/PROD- 46 STS, TAG FILL AT 2955' (5' OF FILL), KI AIR UNIT-10 BBL P/HR, CLEAN OUT TO BOTTOM AT 2960' ON 2 HRS.

LAND TBG AS FOLLOWS: EXP CH, SN, 91 JTS, 8", 8", 4' TBG SUBS, 1 JT. EOT AT 2940'

RD RIG FLOOR, ND BOP, RU WH, PT TBG W/AIR UNIT TO 500 PSI FOR 5 MIN-HELD GOOD, PUMP OFF EXP CH TO 1000 PSI, UNLOAD WELL FOR 10 MIN.

RIG DOWN WSU AND EQUIP TO MOVE OUT.

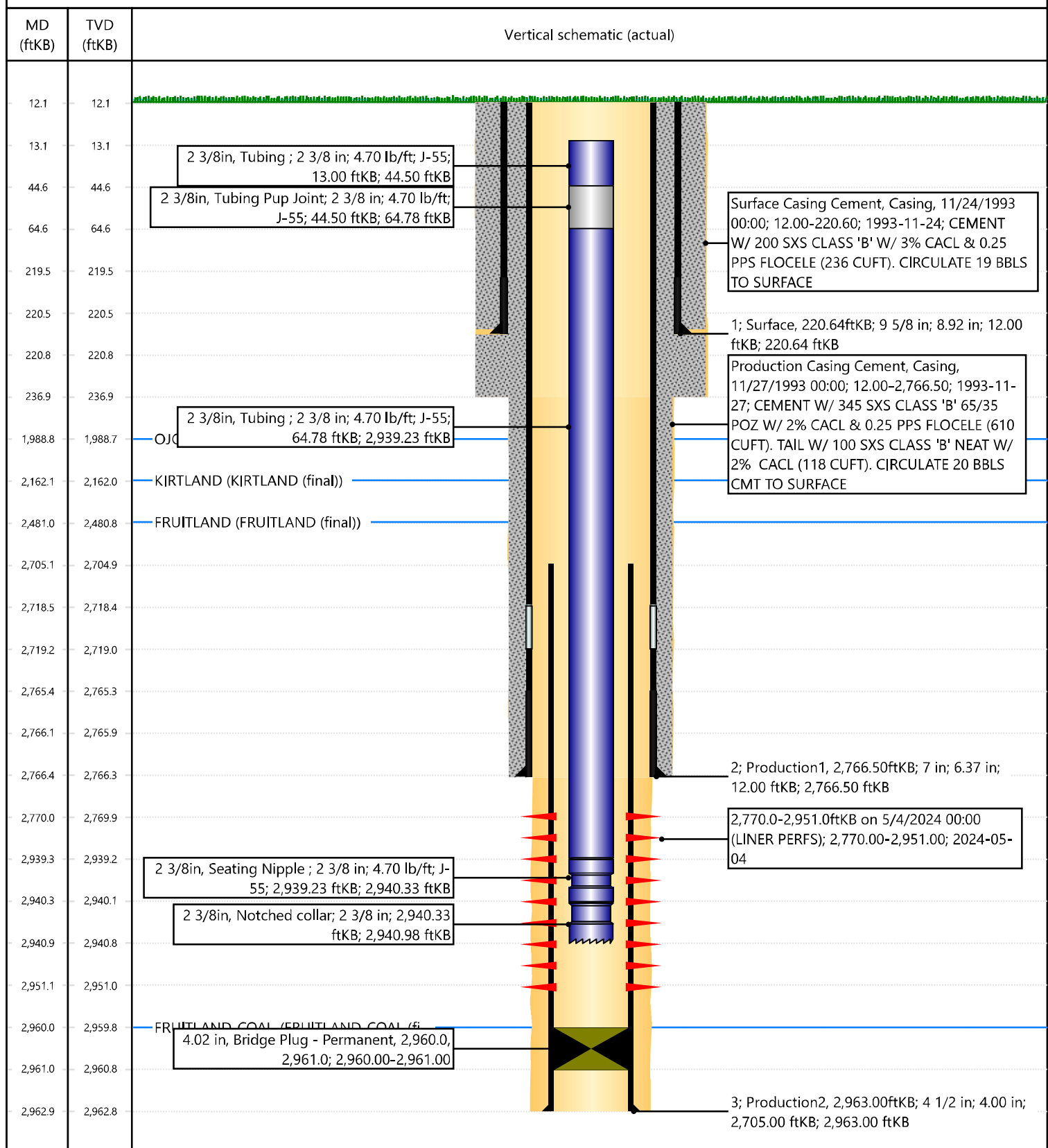


## Current Schematic - Version 3

Well Name: SAN JUAN 29-7 UNIT #534

API / UWI 3003925240	Surface Legal Location 009-029N-007W-B	Field Name BSN (FTLD COAL) #3046	Route 1000	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 6,152.00	Original KB/RT Elevation (ft) 6,164.00	Tubing Hanger Elevation (ft)	RKB to GL (ft) 12.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)

## Original Hole [Vertical]



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

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/oed/contact-us>

State of New Mexico  
Energy, Minerals and Natural Resources  
Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505

CONDITIONS

Action 343055

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 343055
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
andrew.fordyce	None	12/30/2025