

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

12/07/2021

Well Name: SAN JUAN 29-5 UNIT

Well Location: T29N / R5W / SEC 18 /
NENE / 36.729614 / -107.393143

County or Parish/State: RIO
ARRIBA / NM

Well Number: 68

Type of Well: CONVENTIONAL GAS
WELL

Allottee or Tribe Name:

Lease Number: NMSF078281

Unit or CA Name: SAN JUAN 29-5
UNIT--DK, SAN JUAN 29-5 UNIT--MV

Unit or CA Number:
NMNM78415A, NMNM78415B

US Well Number: 3003920712

Well Status: Producing Gas Well

Operator: HILCORP ENERGY
COMPANY

Notice of Intent

Sundry ID: 2647485

Type of Submission: Notice of Intent

Type of Action: Workover Operations

Date Sundry Submitted: 12/07/2021

Time Sundry Submitted: 11:44

Date proposed operation will begin: 12/15/2021

Procedure Description: Hilcorp Energy is requesting approval to repair the bradenhead for the subject well per the attached procedure.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

San_Juan_29_5_Unit_68_NOI_BH_Repair_BLM_Submitted_20211207114353.pdf

Well Name: SAN JUAN 29-5 UNIT**Well Location:** T29N / R5W / SEC 18 /
NENE / 36.729614 / -107.393143**County or Parish/State:** RIO
ARRIBA / NM**Well Number:** 68**Type of Well:** CONVENTIONAL GAS
WELL**Allottee or Tribe Name:****Lease Number:** NMSF078281**Unit or CA Name:** SAN JUAN 29-5
UNIT--DK, SAN JUAN 29-5 UNIT--MV**Unit or CA Number:**
NMNM78415A, NMNM78415B**US Well Number:** 3003920712**Well Status:** Producing Gas Well**Operator:** HILCORP ENERGY
COMPANY

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: PRISCILLA SHORTY**Signed on:** DEC 07, 2021 11:44 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

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:** 12/07/2021**Signature:** Kenneth Rennick

Hilcorp Energy Company
SAN JUAN 29-5 UNIT 68
BH Repair Sundry

Prepared by:	Austin Harris
Preparation Date:	November 29, 2021

WELL INFORMATION			
Well Name:	SAN JUAN 29-5 UNIT 68	State:	NM
API #:	3003920712	County:	RIO ARRIBA
Area:	Area 12	Location:	1180' FNL & 1180' FEL - Unit A - Section 18 - T 029N - R 005W
Route:	1208	Latitude:	36.72961 N
Spud Date:	10/28/1973	Longitude:	-107.393097 W
		Formations:	DK

PROJECT DESCRIPTION
The San Juan 29-5 Unit 68 has pressure on the bradenhead and NMOCD has asked HEC to find source. Move rig to location and test production casing. If casing passes, chart MIT if needed, then determine where to shoot casing to get through intermediate and production casing and squeeze with cement.

CONTACTS			
Title	Name	Office Phone #	Cell Phone #
Engineer	Austin Harris	832-839-4598	832-292-4532
Area Foreman	Chris Bramwell	NONE	505-486-9408
Lead	Steve Baird	NONE	505-320-2511
Artificial Lift Tech	Jesse McDowell	NONE	505-386-8062
Operator	Kyle Smith	NONE	505-787-1888



HILCORP ENERGY COMPANY
SAN JUAN 29-5 UNIT 68
BH Repair Sundry

JOB PROCEDURES

1. PT test ports on WH (if test ports are available) to determine if the wellhead seals have integrity. If WH seals fail, pump filling into test ports to attempt to packoff WH seals and conduct another BH test and send results NMOCD/BLM. If BH test passes after pumping packoff material into wellhead, conduct no further work. If BH test fails after pumping packoff material into wellhead, move to step 2. If initial PT on WH seals pass or test ports are not on the wellhead, move to step 2.
2. Contact **NMOCD/BLM 24 hours before** rigging up on the well.
3. MIRU workover rig and associated equipment; test BOP.
4. TOOH w/ **2-3/8"** tubing set @ **7,839'** scanning and laying down bad joints.
5. TIH w/ retrievable plug & set @ **+/- 4,500'** Fill hole with clean water. Dump 50' sand on plug to protect release mechanism.
6. Load hole w/ water & PT casing to 560 psi for 30 minutes. Open Intermediate and BH valves as needed during test to comply with standards.
 - a. If casing pressure test passes, notify NMOCD/BLM of casing integrity. Determine if charted MIT is needed.
 - b. If casing pressure test fails, TIH w/ packer and set above plug to ensure a good set. PT backside (casing) to 560 psi to confirm casing integrity issue. If casing PT fails, PU packer & set @ **+/- 2250'** and begin to hole hunt. When failure is located send results to NMOCD/BLM with remediation plans going forward to squeeze cement the failure.
7. If needed, determine best place to shoot casings with perf gun and then squeeze cement into annulus to stop gas migration to BH valve. Likely location should be above likely gas zones, but below Kirtland top pick at 2754'. Squeeze to cut off gas migration.
8. RDMO workover rig

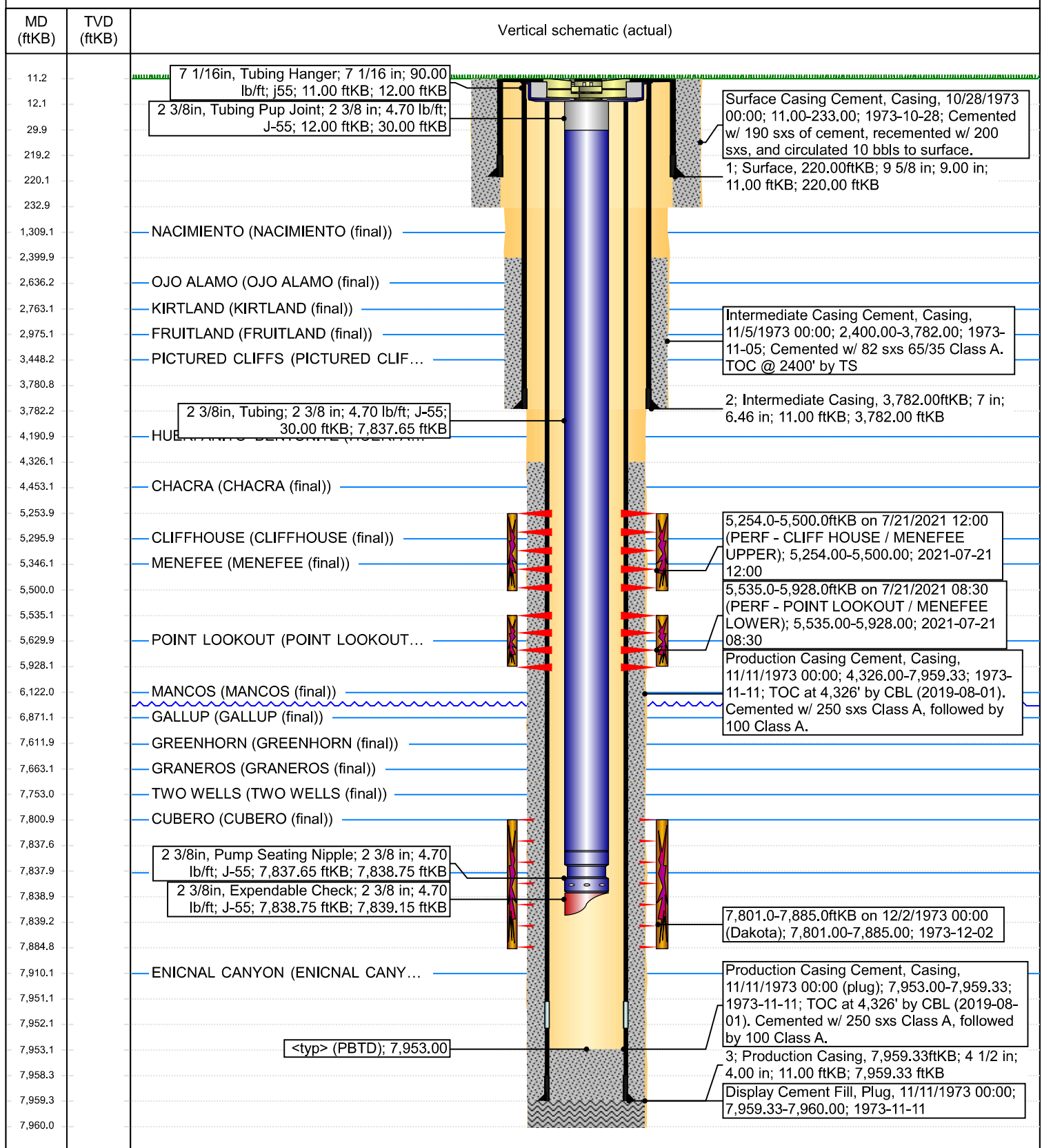


Current Schematic - Version 3

Well Name: SAN JUAN 29-5 UNIT #68

API / UWI 3003920712	Surface Legal Location 018-029N-005W-A	Field Name DK	Route 1208	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 6,500.00	Original KB/RT Elevation (ft) 6,511.00	KB-Ground Distance (ft) 11.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	

Original Hole [Vertical]



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 65387

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 65387
	Action Type: [C-103] NOI Workover (C-103G)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	NMOCD will need to review plan of action prior to any perforating or cementing	12/7/2021