

Well Name: SAN JUAN 28-7 UNIT	Well Location: T28N / R7W / SEC 34 / NENE / 36.6223 / -107.55418	County or Parish/State: RIO ARRIBA / NM
Well Number: 225	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF078496A	Unit or CA Name: SAN JUAN 28-7 UNIT--DK	Unit or CA Number: NMNM78413C
US Well Number: 3003920864	Well Status: Producing Gas Well	Operator: HILCORP ENERGY COMPANY

Subsequent Report

Sundry ID: 2644678

Type of Submission: Subsequent Report

Date Sundry Submitted: 11/17/2021

Date Operation Actually Began: 10/11/2021

Type of Action: Recompletion

Time Sundry Submitted: 09:55

Actual Procedure: See attached recompletion activity.

SR Attachments

Actual Procedure

- SJ_28_7_Unit_225__MIT_20211117095457.pdf
- SJ_28_7_Unit_225_Current_Schematic_20211117095445.pdf
- SJ_28_7_Unit_225_Recomplete_Sundry_20211117095445.pdf

Well Name: SAN JUAN 28-7 UNIT	Well Location: T28N / R7W / SEC 34 / NENE / 36.6223 / -107.55418	County or Parish/State: RIO ARRIBA / NM
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US Well Number: 3003920864	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.

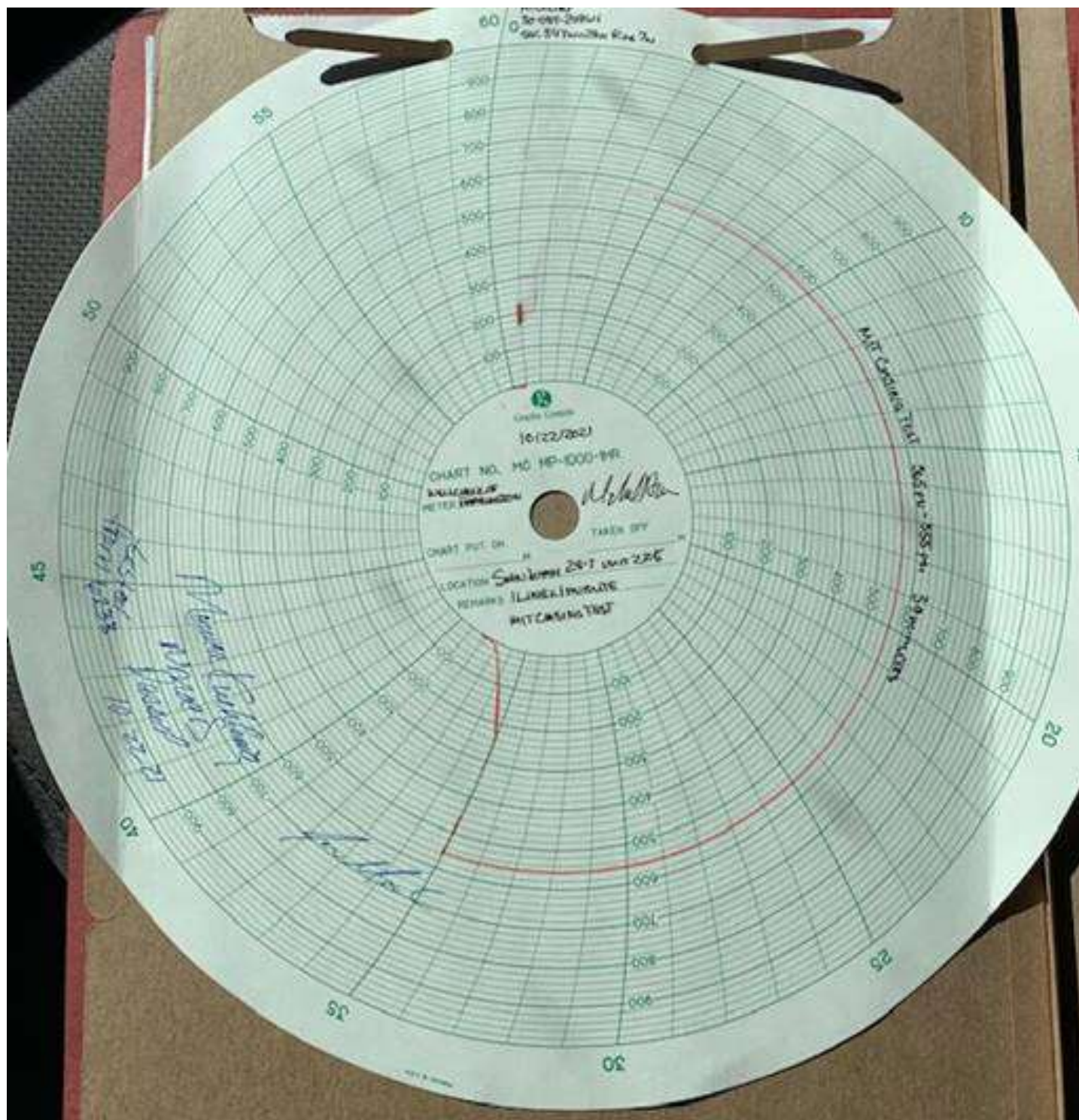
Operator Electronic Signature: KANDIS ROLAND	Signed on: NOV 17, 2021 09:55 AM
Name: HILCORP ENERGY COMPANY	
Title: Operation Regulatory Tech	
Street Address: 382 Road 3100	
City: Farmington	State: NM
Phone: (505) 599-3400	
Email address: kroland@hilcorp.com	

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: Accepted	Disposition Date: 11/22/2021
Signature: Kenneth Rennick	



San Juan 28-7 Unit 225

API # 30-039-20864

Recomplete Subsequent Sundry

10/11/21 SIBHP- 0, SIICP- 0, SICP- 170, SITP- 120. MIRU. BDW. ND WH, NU BOP. Scan tbg. SDFN.

10/12/21 SIBHP- 0, SIICP- 0, SICP- 150. BDW. RIH w/ 3 7/8" string mill to 6450'. Tbg parted. RIH w/ overshot. Top of fish at 715'. Latch on to fish pull 28k. Tbg parted again. LD 14 fish jts. RIH w/ 1 tbg jt coupling on bottom. SDFN.

10/13/21 SIBHP- 0, SIICP- 130, SICP- 130, SITP – 0. PU RBP. TIH w/ tbg and set RBP at 750'. Load csg TOH w/ tbg. LD Retrieving head. PT csg to 2000 psi. Good Test. PU retrieving head. TIH w/ tbg. Latch onto and release RBP. TOH w/ tbg. LD RBP. PU overshot. TIH w/ tbg. PU tbg to fish top at 1145'. Engage fish. Overshot slipped off. TOH w/ tbg. Changed out grapple for tubing body. RIH w/ overshot. PU power swivel. TOH w/ tbg. LD overshot. SIW. SDFN.

10/14/21 SIBHP- 0, SIICP- 0, SICP- 0, SITP – 0. PU overshot. TIH tbg to fish top at 1145'. Engage fish. Pulled 7K. Overshot slipped off. TOH w/ tbg. LD overshot. PU skirted mill. TIH w/ tbg. PU power swivel. Dressed fish top off. Milled 6" of fish top. LD Power swivel. TOH w/ tbg. LD skirted mill. PU overshot. TIH w/ tbg. Engaged fish. Pulled 45K and parted fish. TOH w/ tbg. LD overshot. LD 58' of fish. PU skirted mill. TIH w/ tbg to fish top at 1290'. PU power swivel. Dress fish top off. LD Power swivel. LD tbg. LD Skirted mill. SIW. SDFN.

10/15/21 SIBHP- 0, SIICP- 0, SICP- 0, SITP – 0. PU skirted mill. PU Power swivel. C/O well to top of fish @ 1290'. Attempted to dress top of fish. Gained 6" and not further progress after 1 hr. LD Power swivel. TOH w/ tbg. LD skirted mill. PU power swivel. Unable to latch onto fish. LD power swivel. TOH w/ tbg. PU power swivel. SIW. SDFN.

10/16/21 SIBHP- 0, SIICP- 0, SICP- 0, SITP – 0. C/O well to top of fish @ 1290'. Mill fish top to 1294'. LD/ power swivel. C/O well. Unable to latch onto fish. LD power swivel. TOH w/ tbg. LD Overshot. TIH w/ tbg. Engage fish at 1294' pulled 50k and pulled 20' fish free. SIW. SDFN.

10/17/21 SIBHP- 0, SIICP- 15, SICP- 30, SITP – 0. TOH w/ tbg. LD overshot. LD 14 jts of fish. PU box tap. TIH w/ tbg. PU Power swivel. Engage fish @ 1692' pulled 55k and slipped off multiple times. LD Power swivel. TOH w/ tbg. PU overshot. TIH w/ tbg. Engage fish @ 1692'. Pulled 60k and fish came free. TOH w/ tbg. LD overshot. LD 154 jts of fish. SIW. SDFN.

10/18/21 SIBHP- 0, SIICP- 0, SICP- 0, SITP – 0. PU overshot. TIH w/ tbg. PU Power swivel. C/O well. Attempt to engage fish @ 6359'. Unable to latch onto fish. LD Power swivel. TOH w/ tbg. LD overshot. SIW. SDFN.

Unable to retrieve all of fish. Received verbal approval from Kenny Rennick, BLM and Monica Kuehling, OCD to plug back DK by setting cmt retainer and cmt to capacity plus 100% or till lockup.

10/19/21 SIBHP- 0, SIICP- 0, SICP- 0, SITP – 0. RU cmt crew. PU 4 1/2" cmt retainer. TIH and set cmt retainer @ 6355'. Pump Plug w/ 82.5 sx, 84.87 CUFT, 1.15 Yld, Class G cmt to isolate DK formation from 7188' to 6233' with

73 sx under retainer and 9.5 sx on top of retainer. Cmt locked up with 1100 psi on displacement. Stung out of retainer. LD tbg to 6233'. Reverse out of cmt. TOH w/ 11 Stds. RD cmt crew. SIW. SDFN.

10/20/21 SIBHP- 0, SIICP- 0, SICP- 0, SITP – 0. TIH and tag cmt @ 6233'. **Notified Kenny Rennick, BLM and Monica Kuehling, NMOCD of cmt tag and hole in csg. Received approval to continue to pump cmt to repair hole in csg.** LD work string. PU 4 ½" pkr. Isolate hole in csg between 1282' to 1316'. TOH w/ tbg. LD pkr. RU cmt crew. Mix and bullhead cmt down csg w/ 150 sx, 205 CUFT, 1.37 Yld, type 3 cmt to sqz hole in csg from 1282' to 1316'. Circulated 10 sx out intermediate. SI w/ 800 psi. RD cmt crew. SIW. SDFN.

10/21/21 SIBHP- 0, SIICP- 0, SICP- 0, SITP – 0. PU 3 7/8" blade bit. TIH w/ tbg and tag cmt @ 900'. WOC overnight.

10/22/21 SIBHP- 0, SIICP- 0, SICP- 0, SITP – 0. BDW. D/O cmt from 1109' to 1314'. Circulate clean. RD Power swivel. RU Well Check. Conduct MIT on csg from 6233' to surface. Pressured up to 560 psi for 30 min. Good Test witnessed by Monica Kuehling w/ NMOCD. RD well check. LD tbg and bit. R/U wrln. RIH. Run CBL from 6200' to 0'. RIH w/ CBP. POH. RD wrln. SIW. SDFN. **Sent MIT & CBL to Kenny Rennick, BLM and Monica Kuehling, NMOCD, approved to perforate 4374' – 5080'.**

10/23/21 SIBHP- 0, SIICP- 0, SICP- 0, SITP- 0. PU string mill. PU frac string. Tagged cmt @ 1109'. PU power swivel. D/O cmt stringers from 1109' to 1316'. LD Power swivel. TOH w/ tbg. LD string mill and bit. RU wrln. RIH and set **CBP @ 5105'**. Perf **Point Lookout and Menefee** w/.33" diam.- 1SPF @ 5080', 5079', 5071', 5070', 5042', 5041', 5040', 5025', 5024', 5023', 5022', 5012', 5011', 5010', 4990', 4988', 4986', 4984', 4982', 4973', 4972', 4971', 4970', 4965', 4964', 4892', 4890', 4843', 4841', 4840', 4838', 4832', 4801', 4800', 4799', 4754', 4753', 4694', 4693', 4668', 4666', 4664', 4654', 4653', 4652', 4651', 4620', 4618', 4616', 4614' = **50** holes. PU pkr and set @ 3636'. ND BOP, NU frac stack. PT frac stack to 8000 psi. Good test. RD.

10/27/21 SIBHP- 0, SIICP- 0, SICP- 0, SITP – 0. RU Frac crew. PT Frac String. Test OK. Frac Point Lookout (4964' to 5080') w/ 69,750 gal of 70 Q #20 gel foam, 107,000# 20/40 sand, 906,00 SCF N2, 27 bbls Fluid Flush w/ FW. Menefee (4614' – 4892')- frac w/ 75,319 gals of 60 Q 20# gel foam, 96,000# 20/40 sand, 960,000 SCF N2, 85 bbls Foam Fluid flush. SDFN.

10/28/21 SIBHP- 0, SIICP- 0, SICP- 0, SITP – 2100. Perf **Cliffhouse** w/.234" diam.- 1SPF @ 4374', 4375', 4383', 4384', 4385', 4404', 4405', 4409', 4410', 4435', 4436', 4437', 4442', 4443', 4444', 4454', 4456', 4458', 4459', 4463', 4464', 4466', 4478', 4479', 4480' = **25** holes. Cliffhouse (4374' – 4480')- frac w/ 79,582 gals of 70 Q 20# gel foam, 121,000# 20/40 sand, 904,214 SCF N2, 38bbls Foam Fluid flush. SIW. RD Frac crew and wireline. SDFN

10/30/21 SIBHP- 0, SIICP- 0, SICP- 0, SITP – 400. MIRU ND Frac Stack, NU BOP, PT BOP, good test. Release pkr. BDW well to kill tbg. PU junk mill. SIW SDFN.

10/31/2021 SIBHP- 0, SIICP- 0, SICP- 0, SITP – 530, SITP - 0. C/O well. TIH w/ mill, tag **CBP @ 5105'** and drill out. C/O well. TOH w/ tbg & Mill. SIW. SDFN.

11/1/2021 SIBHP- 0, SIICP- 0, SICP- 450, SITP – 0, SITP - 0. TIH w/ tbg. Land 158 jts 2 3/8", 4.7# J-55 tbg set @ **5050'** with S-Nipple @ 5048'. ND BOP, NU WH. PT to 500 psi, good test. RDMO.

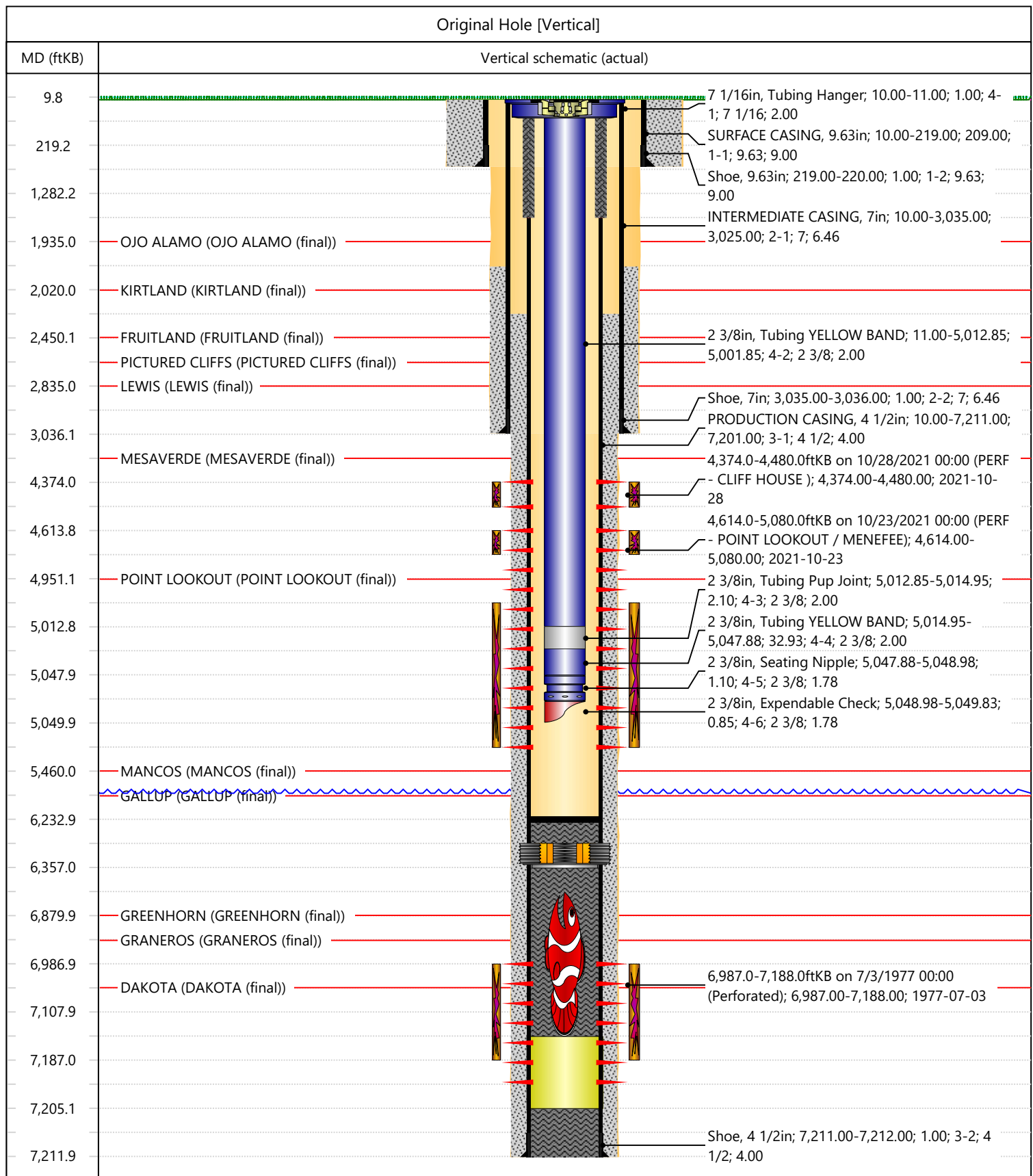
This well is currently producing as a MV Standalone with Gas Allowable C-104 waiting on RC C-104 approval.



Current Schematic

Well Name: SAN JUAN 28-7 UNIT #225

API / UWI 3003920864	Surface Legal Location 034-028N-007W-A	Field Name DK	Route 1009	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 6,091.00	Original KB/RT Elevation (ft) 6,101.00	KB-Ground Distance (ft) 10.00	KB-Casing Flange Distance (ft) 10.00	KB-Tubing Hanger Distance (ft) 10.00	



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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 63946

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 63946
	Action Type: [C-103] Sub. (Re)Completion Sundry (C-103T)

CONDITIONS

Created By	Condition	Condition Date
jagarcia	None	1/27/2022