

Well Name: COZZENS C	Well Location: T29N / R11W / SEC 20 / SWNW / 36.71428 / -108.0195	County or Parish/State: SAN JUAN / NM
Well Number: 1E	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF077056	Unit or CA Name: COZZENS	Unit or CA Number: NMNM73722, NMNM76135
US Well Number: 3004523671	Well Status: Producing Gas Well	Operator: HILCORP ENERGY COMPANY

Subsequent Report

Sundry ID: 2687386

Type of Submission: Subsequent Report

Date Sundry Submitted: 08/16/2022

Date Operation Actually Began: 08/02/2022

Type of Action: Workover Operations

Time Sundry Submitted: 07:49

Actual Procedure: Hilcorp Energy repaired the bradenhead on the subject well per the attached workover operations summary.

SR Attachments

- Actual Procedure
- COZZENS_C_1E__CBL_8.3.2022_20220816074751.PDF

COZZENS_C_1E_BH_Repair_Subsequent_20220816074741.pdf

Well Name: COZZENS C	Well Location: T29N / R11W / SEC 20 / SWNW / 36.71428 / -108.0195	County or Parish/State: SAN JUAN / NM
Well Number: 1E	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF077056	Unit or CA Name: COZZENS	Unit or CA Number: NMNM73722, NMNM76135
US Well Number: 3004523671	Well Status: Producing Gas Well	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: TAMMY JONES

Signed on: AUG 16, 2022 07:49 AM

Name: HILCORP ENERGY COMPANY

Title: Regulatory Compliance Specialist

Street Address: 382 ROAD 3100

City: AZTEC**State:** NM

Phone: (505) 324-5185

Email address: tajones@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: Accepted

Disposition Date: 08/16/2022

Signature: Kenneth Rennick

COZZENS C 1E

30.045.23671

BRADENHEAD REPAIR

8/2/2022 – MIRU. CK PRESSURES. SITP = 103 PSI, SICP = 103 PSI, SIBHP = 103 PSI. B/D WELL. TEST WH VOID W/BIG RED TOOL – FAIL. PUMP 5 TUBES PACKING SEAL – NO TEST. ND WH. NU BOP, TEST & FUNCTION - GOOD. PULL HANGER AND TOO H w/TBG. SIW. SDFN.

8/3/2022 – CK PRESSURES. SITP = 0 PSI, SICP = 55 PSI, SIBHP = 55 PSI. B/D WELL. TIH W/RBP, SET @ 2695'. ROLL HOLE W/62 BBLS WATER. CIRC CLEAN. PT CSG TO 550 PSI – FAILED. PRESSURE EQUILIZED ACROSS BRADENHEAD. TOO H. TIH W/TEST PKR, SET @ 65'. PT F/2695' T/65' – PASSED. PT F/65' T/0' – FAIL. POH 1 JT. PT F/2695' T/36' – PASS. PT F/36' T/0' – FAIL. POH 1 JT. PT F/5' T/2695' – PASS. PT F/5' T/0' – FAIL. RUN CBL FROM 2695' TO SURFACE. TIH W/RBP, SET @ 436'. TOO H. SIW. SDFN. NOTIFIED MONICA KUEHLING, NMOCD & KENNY RENNICK, BLM OF CATHODIC WELL INFORMATION, BH GAS/ FLUID ANALYSIS & CATHODIC BED SOIL TESTING, AND CASING FAILURE FROM 0' - 5' FROM SURFACE.

8/4/2022 – CK PRESSURES. SITP = 0 PSI, SICP = 0 PSI, SIBHP = 0 PSI. RD FLOOR. ND BOP. ND WH. PERFORM VISUAL INSPECTION. FOUND A 10" WASH ON THE SOUTH SIDE OF THE 5.5" CASING. P/U ENGAGE SPEAR, STAGE UP TO 120K TO UNSEAT SLIPS, REMOVE SLIPS. RU WL. TIH W/STRING SHOT TO 90'. SHOOT BACKOFF PIPE W/TONGS. LAY DOWN TOTAL LENGTH 90.5' – 2 JTS 5-1/2" 15.5# K-55 STC CASING. P/U NEW 2 JTS 5-1/2" 15.5# K-55 STC & 15' PUP JT, TOTAL LENGTH 96.5' & TIH, SCREW ON TO PRODUCTION CASING. SET SLIPS ON 5-1/2" CASING W/50K. CUT & DRESS 4" STICK UP. NU WH. NU BOP, TEST & FUNCTION – GOOD. SIW. SDFN. NOTIFIED MONICA KUEHLING, NMOCD & KENNY RENNICK, BLM TO SCHEDULE MIT.

8/5/2022 – CK PRESSURES. SITP = 0 PSI, SICP = 0 PSI, SIBHP = 0 PSI. TIH TO 430', BREAK CIRC. REVS CIRC SAND OFF RBP, ENGAGE & RELEASE. TOO H W/RBP. PERFORM MIT WITNESSED BY MONICA KUEHLING, NMOCD – PT CSG TO 550# FOR 30 MINS, PASSED. TIH, UNLOAD HOLE. ENGAGE & RELEASE RBP @ 2695'. TOO H W/RBP. TIH W/202 JTS 2-3/8" 4.7# J-55 TBG SET @ 6318', SN @ 6317'. ND BOP. NU WH. PUMP 5 BBLS CUSHION, DROP BALL. PT TBG TO 500# - GOOD. PRESSURE UP TO 1000#, BUMP CHECK. BLOW WELL DRY. SIW. RD. RIG RELEASED.

8/9/2022 – JOHN DURHAM, NMOCD INSPECTOR WITNESSED BH TEST – APPROVAL RECIEVED FROM MONICA KUEHLING, NMOCD & KENNY RENNICK, BLM TO RETURN WELL TO PRODUCTION.

Analytical Report

Lab Order 2207F02

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY Cozzens C 1E

Client Sample ID: Bradenhead Fluid

Project: Braden Head 30-045-23671

Collection Date: 7/28/2022 2:26:00 PM

Lab ID: 2207F02-001

Matrix: MEOH (SOIL)

Received Date: 7/29/2022 6:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	2400	1500		mg/Kg	100	7/29/2022 1:55:23 PM
Motor Oil Range Organics (MRO)	ND	4900		mg/Kg	100	7/29/2022 1:55:23 PM
Surr: DNOP	0	21-129	S	%Rec	100	7/29/2022 1:55:23 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	3200	130		mg/Kg	20	8/1/2022 10:02:39 AM
Surr: BFB	177	37.7-212		%Rec	20	8/1/2022 10:02:39 AM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	56	0.65		mg/Kg	20	8/1/2022 10:02:39 AM
Toluene	260	6.5		mg/Kg	100	8/1/2022 11:37:20 AM
Ethylbenzene	11	1.3		mg/Kg	20	8/1/2022 10:02:39 AM
Xylenes, Total	93	2.6		mg/Kg	20	8/1/2022 10:02:39 AM
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	20	8/1/2022 10:02:39 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	L	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2207F02

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY

Client Sample ID: Cathodic Excavation

Project: Braden Head

Collection Date: 7/28/2022 2:10:00 PM

Lab ID: 2207F02-002

Matrix: MEOH (SOIL)

Received Date: 7/29/2022 6:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: DGH
Diesel Range Organics (DRO)	9700	290		mg/Kg	20	7/29/2022 12:42:30 PM
Motor Oil Range Organics (MRO)	1500	970		mg/Kg	20	7/29/2022 12:42:30 PM
Surr: DNOP	0	21-129	S	%Rec	20	7/29/2022 12:42:30 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	220	74		mg/Kg	20	8/1/2022 10:49:54 AM
Surr: BFB	142	37.7-212		%Rec	20	8/1/2022 10:49:54 AM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.37	D	mg/Kg	20	8/1/2022 10:49:54 AM
Toluene	0.98	0.74	D	mg/Kg	20	8/1/2022 10:49:54 AM
Ethylbenzene	ND	0.74	D	mg/Kg	20	8/1/2022 10:49:54 AM
Xylenes, Total	ND	1.5	D	mg/Kg	20	8/1/2022 10:49:54 AM
Surr: 4-Bromofluorobenzene	97.5	70-130	D	%Rec	20	8/1/2022 10:49:54 AM
EPA METHOD 300.0: ANIONS						Analyst: NAI
Chloride	ND	60		mg/Kg	20	7/29/2022 8:23:38 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	L	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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Analytical Report

Lab Order 2207F02

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY

Client Sample ID: Bradenhead Fluids (2)

Project: Braden Head

Collection Date: 7/28/2022 2:26:00 PM

Lab ID: 2207F02-003

Matrix: SLUDGE

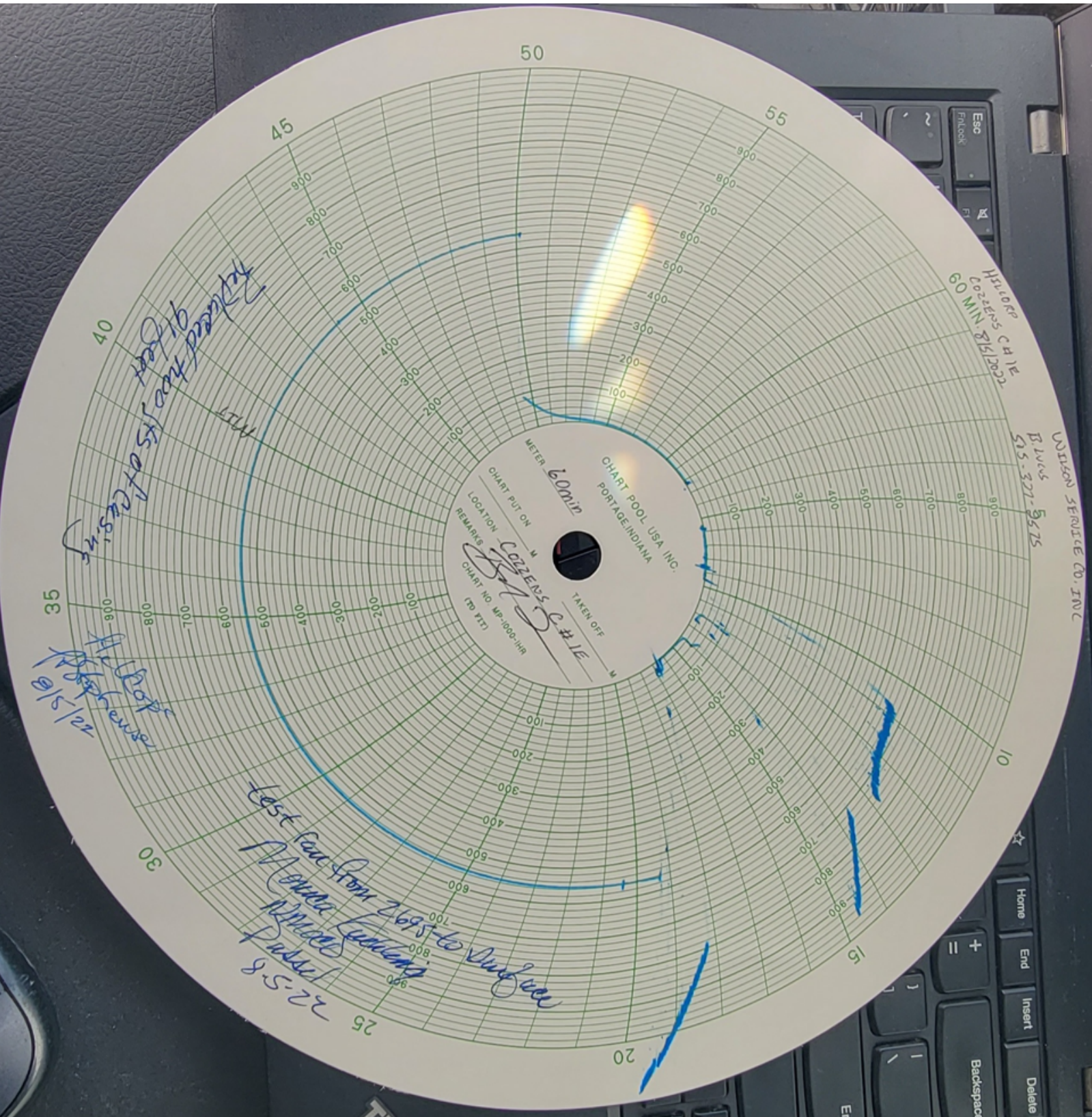
Received Date: 7/29/2022 6:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	5100	250	*	mg/L	500	8/1/2022

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	L	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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**NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT**

OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE
1000 RIO BRAZOS ROAD
AZTEC NM 87410
(505) 334-6178 FAX: (505) 334-6170
<http://emnrd.state.nm.us/oed/District III/3district.htm>

BRADENHEAD TEST REPORT

(submit 1 copy to above address)

Date of Test 8/9/2022 Operator Hilcorp Energy Company API # 3004523671
Property Name COZZENS C Well No. 1E Location: Unit E Section 20 Township 029N Range 011W
Well Status Flowing Initial PSI: Tubing 162 Intermediate Casing 162 Bradenhead 12.8

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

Testing TIME	PRESSURE					FLOW CHARACTERISTICS	
	BRADENHEAD			INTERM		BRADENHEAD	INTERMEDIATE
	BH	Int	Csg	Int	Csg		
5 min	0		162			Steady Flow	
10 min	0		162			Surges	
15 min	0		162			Down to Nothing Y	
20 min						Nothing	
25 min						Gas Y	
30 min						Gas & Water	
						Water	

If Bradenhead flowed water, check all of the descriptions that apply below:

CLEAR FRESH SALTY SULFUR BLACK

If Intermediate flowed water, check all of the descriptions that apply below:

CLEAR FRESH SALTY SULFUR BLACK

5 MINUTE SHUT-IN PRESSURE Bradenhead 0 Intermediate

REMARKS:

Witnessed Test, BH blew down to 0 in 6 seconds.

Tested By Frankie Carrillo Jr Witness John Durham

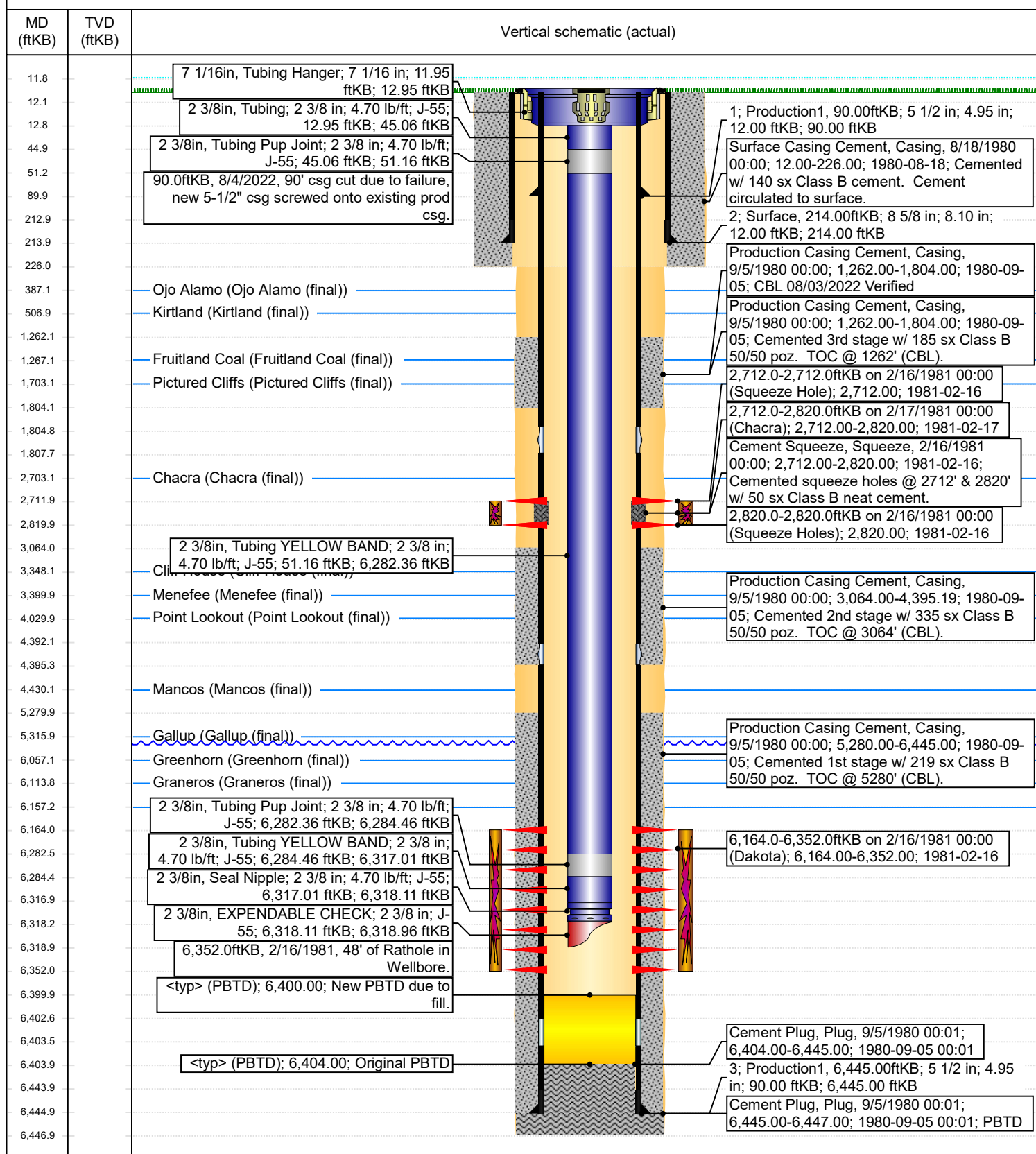


Current Schematic

Well Name: COZZENS C #1E

API / UWI 3004523671	Surface Legal Location 020-029N-011W-E	Field Name OTERO (CHACRA) GAS	Route 0703	State/Province NEW MEXICO	Well Configuration Type
Ground Elevation (ft) 5,557.00	Original KB/RT Elevation (ft) 5,569.00	KB-Ground Distance (ft) 12.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	

Original Hole



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

COMMENTS

Action 134816

COMMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 134816
	Action Type: [C-103] Sub. Workover (C-103R)

COMMENTS

Created By	Comment	Comment Date
mkuehling	For record only	2/8/2023

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 134816

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 134816
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	Please submit gas analysis all strings - prior approval was not received from OCD prior to replacing top joint of production casing - previous pressures August 2 2022 bradenhead 103 psi - after replacing top joint of casing August 9 2022 bradenhead 12 psi- September 2022 bradenhead 17 psi steady flow - February 2023 bradenhead 25 psi steady flow. CBL ran 2022 shows no cement at top of Kirtland or Ojo - repair is failing - Mit passed 2022 -	2/8/2023
mkuehling	Verification of top of Kirtland is 510 feet Ojo top is 385 feet from Kate/OCD	2/8/2023