

Santa Fe Main Office Phone: (505) 476-3441 Fax: (55) 476-3462 General Information Phone: (505) 629-6116 Online Phone Directory Visit: https://www.emnrd.nm.gov/ocd/contact-us/	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	C-104 Revised July 9, 2024 Submit Electronically Via OCD Permitting
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REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Section 1 - Operator and Well Information

Submittal Type: ☒ Test Allowable (C-104RT) ☐ New Well (C-104NW) ☐ Recomplete (C-104RC) ☐ Pay Add (C-104RC) ☐ Amended	
Operator Name: Hilcorp Energy Company	OGRID: 372171
Property Name and Well Number: Hampton 4P	Property Code: 318895
Mineral Owner: ☐ State ☒ Fee ☐ Tribal ☐ Federal	API Number: 30-045-38422
Pool Name: BASIN DAKOTA	Pool Code: 71599

Section 2 – Surface Location

UL F	Section 13	Township 030N	Range 011W	Lot	Ft. from N/S 2418' North	Ft. from E/W 1848' West	Latitude 36.812355	Longitude -107.945275	County SAN JUAN
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Section 3 – Completion Information

Producing Method	Ready Date ~6/5/2025	Perforations MD ~6,945' – 7,220'	Perforations TVD ~6,945' – 7,220'
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Section 4 – Action IDs for Submissions and Order Numbers

List Action IDs for Drilling Sundries	Was an Order required / needed (Y/N), if yes list Order number:
C-104 RT Action ID (if C-104NW): N/A	Communitization Agreement ☐ Yes ☒ No, Order No.
Surface Casing Action ID: 390718	Unit: ☐ Yes ☒ No, Order No.
Intermediate 1 Casing Action ID: 390718	Compulsory Pooling: ☐ Yes ☒ No, Order No.
Intermediate 2 Casing Action ID: N/A	Down Hole Commingling: ☒ Yes ☐ No, Order No. DHC-5495
Production Casing Action ID: 390718	Surface Commingling: ☐ Yes ☒ No, Order No.
All casing was pressure tested in accordance with NMAC ☒ Yes ☐ No	Non-standard Location: ☐ Yes ☒ No ☐ Common ownership Order No.
Liner 1 Action ID: Previous to system	Non-standard Proration: ☐ Yes ☒ No, Order No.
Casing was installed prior to OCD's Action ID system (Y/N): Y	Simultaneous Dedication: ☐ Yes ☒ No, Order No.

Section 5 - Operator Signature and Certification

☒ I hereby certify that the required Water Use Report has been, or will be, submitted for this well's completion.	
☒ I hereby certify that the required Fracfocus disclosure has been, or will be, submitted for this well's completion.	
☒ I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.	
Name Cherylene Weston	
Title: Operations Regulatory Tech Sr.	Date: 5/30/2025

Cheryl Weston

From: Cameron Skelton
Sent: Friday, May 30, 2025 9:33 AM
To: Cheryl Weston
Subject: FW: [EXTERNAL] New Drill Permission to Perforate: Hampton 4P (API: 3004538422)

Cameron Skelton

Operations Engineer | San Juan North
Hilcorp Energy Company
M: 662.822.2727
Cameron.Skelton@hilcorp.com

From: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Sent: Tuesday, May 27, 2025 12:34 PM
To: Cameron Skelton <Cameron.Skelton@hilcorp.com>
Subject: RE: [EXTERNAL] New Drill Permission to Perforate: Hampton 4P (API: 3004538422)

CAUTION: External sender. DO NOT open links or attachments from UNKNOWN senders.

Approved NOI perforating areas

Dakota 6900 – 7250

MV 4300 -5250

Hilcorp is approved to stay within the above approved perforating area

Proposal to go 4 feet (5254) out of approved area on MV is denied.

Thank you

Monica Kuehling
Compliance Officer Supervisor
Deputy Oil and Gas Inspector
New Mexico Oil Conservation Division
North District
Cell Phone: 505-320-0243
Email - monica.kuehling@emnrd.nm.gov

From: Cameron Skelton <Cameron.Skelton@hilcorp.com>
Sent: Tuesday, May 27, 2025 9:30 AM
To: Rikala, Ward, EMNRD <Ward.Rikala@emnrd.nm.gov>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>

Cc: Lisa Helper <lhelper@hilcorp.com>; Cheryl Weston <cweston@hilcorp.com>; Jacob Sanchez <Jacob.Sanchez@hilcorp.com>; Jackson Lancaster <Jackson.Lancaster@hilcorp.com>; Tyler Portwood <Tyler.Portwood@hilcorp.com>; Glory Kamat <Glory.Kamat@hilcorp.com>; Sikandar Khan <Sikandar.Khan@hilcorp.com>
Subject: [EXTERNAL] New Drill Permission to Perforate: Hampton 4P (API: 3004538422)

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good Morning Ward/Monica,

Please see the attached RBL run on the Hampton 4P (API:3004538422). We have passed our state-witnessed MIT and would like to request permission to perforate the Dakota Interval from (6,945' – 7,220') MD and the Mesaverde interval from (4,450' -5,254')MD. Please let us know if you approve moving forward with these operations.

Thanks,

Cameron Skelton

Operations Engineer | San Juan North

Hilcorp Energy Company

M: 662.822.2727

Cameron.Skelton@hilcorp.com

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C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION		Revised July 9, 2024	
	Submittal Type	☐ Initial Submittal		
		☐ Amended Report		
		☒ As Drilled		

WELL LOCATION INFORMATION

API Number 30-045-38422	Pool Code 71599	Pool Name BASIN DAKOTA
Property Code 318895	Property Name HAMPTON	Well Number 4P
OGRID No. 372171	Operator Name HILCORP ENERGY COMPANY	Ground Level Elevation 6043'
Surface Owner: ☐ State ☒ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☐ State ☒ Fee ☐ Tribal ☐ Federal

Surface Location

UL F	Section 13	Township 30N	Range 11W	Lot	Feet from N/S Line 2418' NORTH	Feet from E/W Line 1848' WEST	Latitude 36.812355 °N	Longitude -107.945275 °W	County SAN JUAN
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Bottom Hole Location

UL F	Section 13	Township 30N	Range 11W	Lot	Feet from N/S Line 2428' NORTH	Feet from E/W Line 1837' WEST	Latitude 36.812329 °N	Longitude -107.945312 °W	County SAN JUAN
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Dedicated Acres 317.55	Penetrated Spacing Unit W/2 - Section 13, T30N, R11W	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit ☐ Yes ☐ No	Consolidation Code
Order Numbers DHC-5495		Well setbacks are under Common Ownership: ☐ Yes ☐ No			

Kick Off Point (KOP)

UL F	Section 13	Township 30N	Range 11W	Lot	Feet from N/S Line 2419' NORTH	Feet from E/W Line 1844' WEST	Latitude 36.812352 °N	Longitude -107.945287 °W	County SAN JUAN
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First Take Point (FTP)

UL F	Section 13	Township 30N	Range 11W	Lot	Feet from N/S Line 2425' NORTH	Feet from E/W Line 1848' WEST	Latitude 36.812337 °N	Longitude -107.945273 °W	County SAN JUAN
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Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet from N/S Line	Feet from E/W Line	Latitude	Longitude	County
F	13	30N	11W		2428' NORTH	1837' WEST	36.812329 °N	-107.945312 °W	SAN JUAN

Unitized Area or Area of Uniform Interest	Spacing Unit Type ☐ Horizontal ☒ Vertical ☐ Directional	Ground Floor Elevation 6043'
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OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.

Cherylene Weston

Signature _____

5/27/2025

Date _____

Cherylene Weston, Operations/Regulatory Tech-Sr.

Printed Name _____

cweston@hilcorp.com

E-mail Address

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.



JASON C. EDWARDS

Signature and Seal of Professional Surveyor

Certificate Number	15269	Date of Survey	OCTOBER 17, 2024
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Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

SURFACE LOCATION (A)
2418' FNL 1848' FWL
SECTION 13, T30N, R11W
LAT 36.812351°N
LONG -107.944653°W
DATUM: NAD1927

KICK OFF POINT (B)
2419' FNL 1844' FWL
SECTION 13, T30N, R11W
LAT 36.812348°N
LONG -107.944665°W
DATUM: NAD1927

FIRST TAKE POINT (C)
2425' FNL 1848' FWL
SECTION 13, T30N, R11W
LAT 36.812333°N
LONG -107.944651°W
DATUM: NAD1927

LAST TAKE POINT (D)
2428' FNL 1837' FWL
SECTION 13, T30N, R11W
LAT 36.812325°N
LONG -107.944690°W
DATUM: NAD1927

BOTTOM HOLE LOCATION (E)
2428' FNL 1837' FWL
SECTION 13, T30N, R11W
LAT 36.812324°N
LONG -107.944690°W
DATUM: NAD1927

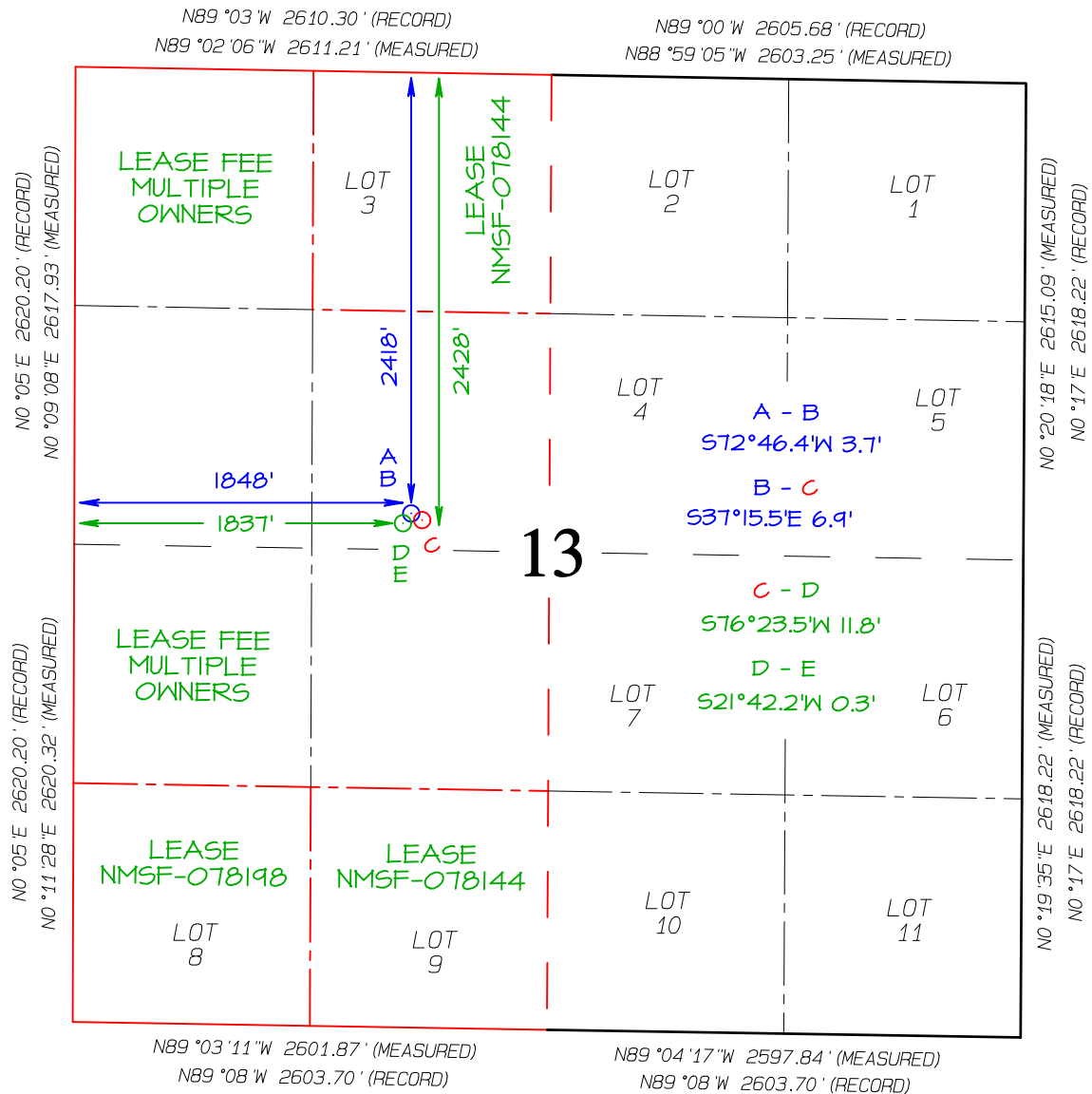
LAT 36.812355°N
LONG -107.945275°W
DATUM: NAD1983

LAT 36.812352°N
LONG -107.945287°W
DATUM: NAD1983

LAT 36.812337°N
LONG -107.945273°W
DATUM: NAD1983

LAT 36.812329°N
LONG -107.945312°W
DATUM: NAD1983

LAT 36.812329°N
LONG -107.945312°W
DATUM: NAD1983





Survey Certification

7327 West Barton Road
Casper, WY 82604
(307)-472-6621

Operator	HilCorp Energy
Well Name & No.	Hampton 004P
API #	30-045-38422
County & State	San Juan County, NM
SDI Job #	OP.048864
Rig	Drake 3
Survey Date	5/9/2025 to 5/15/2025
GL & KB Elevation	GL 6043' & KB 17' = 6060'

I, Janie Collins, having personal knowledge of all the facts, hereby certify that the attached directional survey run from a measured depth of 329 feet to a measured depth of 7,263 feet is true and correct as determined from all available records.

A handwritten signature in blue ink, appearing to read 'Janie Collins', written over a horizontal line.

Signature

19-May-2025

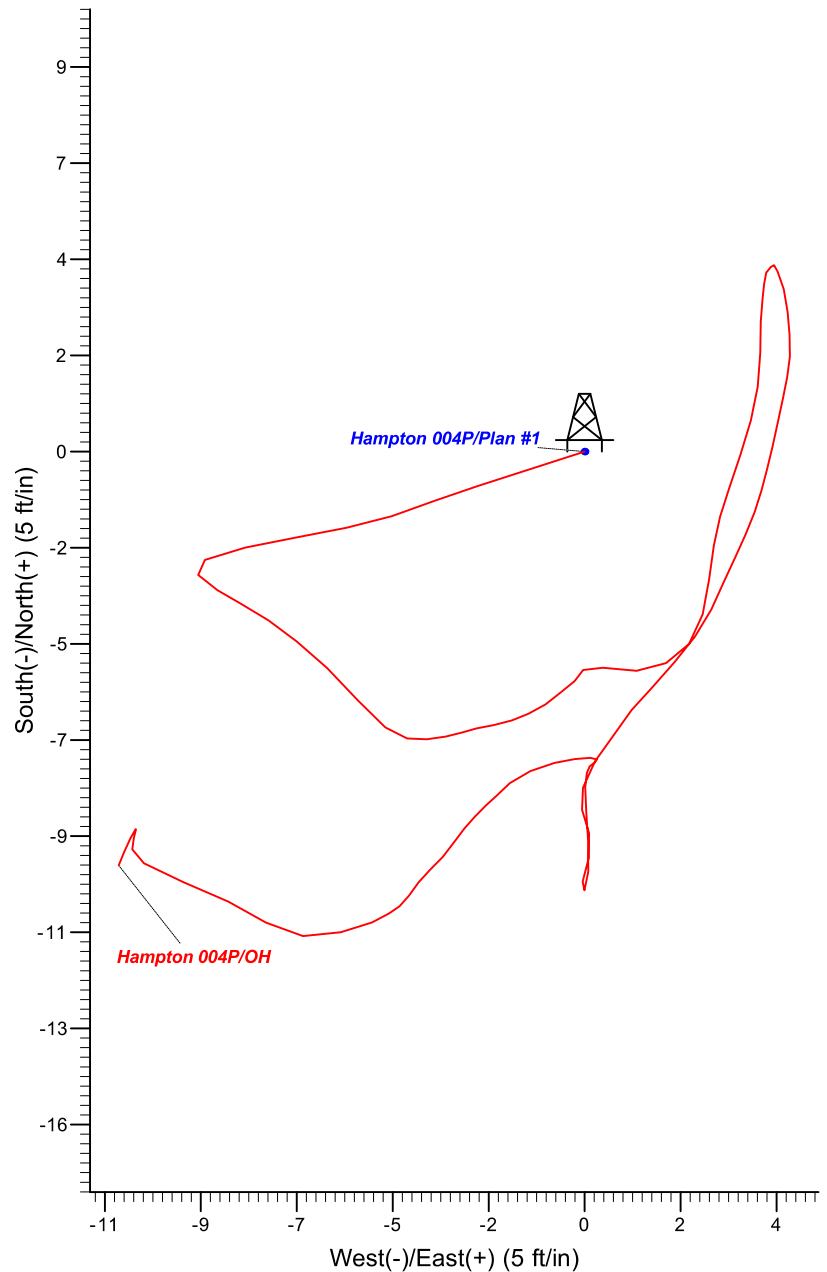
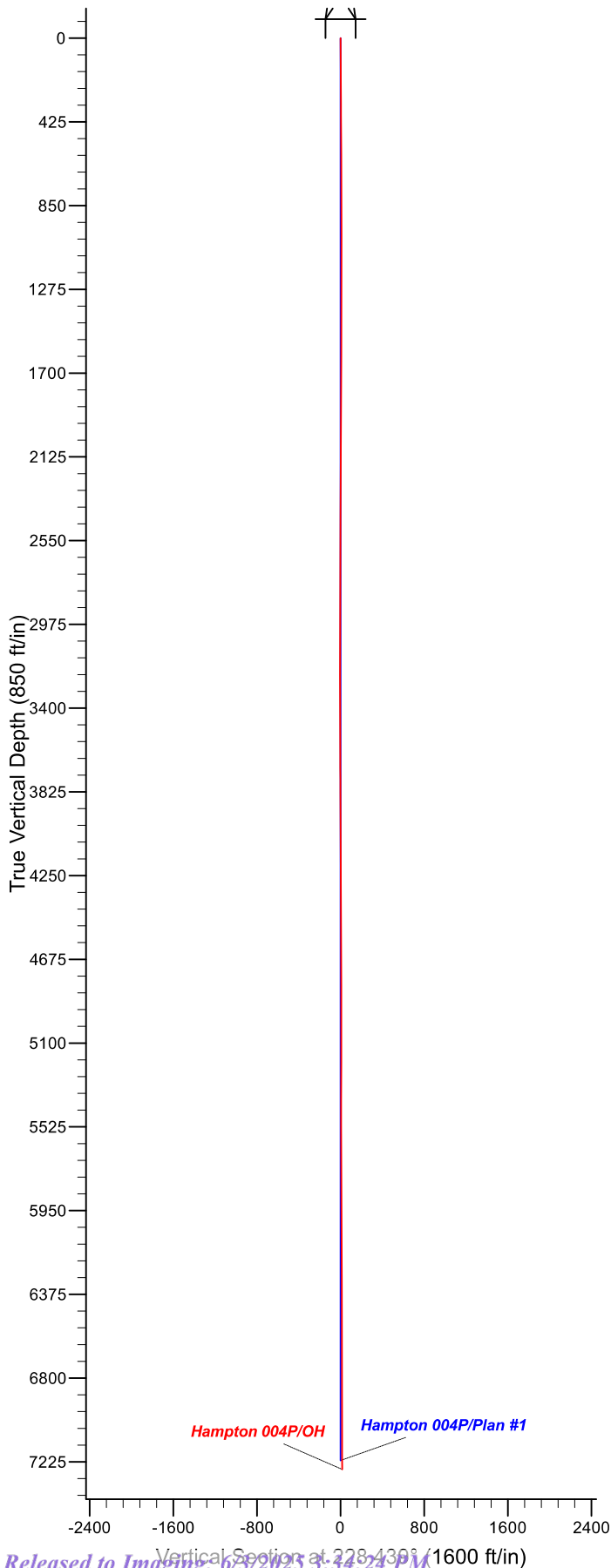
Date

Janie Collins

Rockies Region Well Planner
Scientific Drilling - Rocky Mountain District



Company: Hilcorp Energy - San Juan Basin
 Project: San Juan, NM NAD83
 Site: Hampton 004P Pad
 Well: Hampton 004P
 Wellbore: OH
 Design: OH



Well Details: Hampton 004P

		TVD Reference: GL 6043' & RKB 17' @ 6060.00ft (Drake 3)				Slot
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	
0.00	0.00	2115037.49	2690323.68	36.812355	-107.945275	

PROJECT DETAILS: San Juan, NM NAD83

Geodetic System: US State Plane 1983
 Datum: North American Datum 1983
 Ellipsoid: GRS 1980
 Zone: New Mexico Western Zone

System Datum: Mean Sea Level

Plan: OH

9:47, May 19 2025
 Created By: Janie Collins



Hilcorp Energy - San Juan Basin

San Juan, NM NAD83

Hampton 004P Pad

Hampton 004P

OH

Design: OH

Standard Survey Report

19 May, 2025



www.scientificdrilling.com





Scientific Drilling Survey Report



Company:	Hilcorp Energy - San Juan Basin	Local Co-ordinate Reference:	Well Hampton 004P
Project:	San Juan, NM NAD83	TVD Reference:	GL 6043' & RKB 17' @ 6060.00ft (Drake 3)
Site:	Hampton 004P Pad	MD Reference:	GL 6043' & RKB 17' @ 6060.00ft (Drake 3)
Well:	Hampton 004P	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	Grand Junction

Project	San Juan, NM NAD83		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Western Zone		

Site		Hampton 004P Pad				
Site Position:		Northing:	2,115,037.49	usft	Latitude:	36.812355
From:	Lat/Long	Easting:	2,690,323.68	usft	Longitude:	-107.945275
Position Uncertainty:		0.00	ft	Slot Radius:	13.20	in
					Grid Convergence:	-0.07 °

Well		Hampton 004P				
Well Position	+N/-S	0.00 ft	Northing:	2,115,037.49 usft	Latitude:	36.812355
	+E/-W	0.00 ft	Easting:	2,690,323.68 usft	Longitude:	-107.945275
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	6,043.00 ft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM2024	12/31/2024	8.45	63.13	49,113.30000000

Design	OH				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.00	0.00	0.00	228.439	

Survey Program	Date	5/19/2025			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
329.00	4,388.00	Survey #1 - Surface (OH)	MWD+HDGM	OWSG MWD + HDGM	
4,515.00	7,263.00	Survey #2 - Production (OH)	MWD+HDGM	OWSG MWD + HDGM	

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
0.00	0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
329.00	0.92	252.160	328.99	-0.81	-2.51	2.42	0.28	0.28	0.00	
390.00	1.04	250.250	389.98	-1.15	-3.50	3.38	0.20	0.20	-3.13	
452.00	0.97	250.720	451.97	-1.51	-4.53	4.39	0.11	-0.11	0.76	
514.00	1.05	259.980	513.96	-1.78	-5.58	5.36	0.29	0.13	14.94	
575.00	1.14	258.310	574.95	-2.00	-6.73	6.36	0.16	0.15	-2.74	
637.00	1.18	259.290	636.93	-2.25	-7.96	7.44	0.07	0.06	1.58	
698.00	0.70	242.850	697.93	-2.53	-8.91	8.34	0.89	-0.79	-26.95	
760.00	0.48	135.280	759.92	-2.89	-9.06	8.70	1.55	-0.35	-173.50	
822.00	0.58	122.640	821.92	-3.24	-8.61	8.60	0.25	0.16	-20.39	



Scientific Drilling Survey Report



Company:	Hilcorp Energy - San Juan Basin	Local Co-ordinate Reference:	Well Hampton 004P
Project:	San Juan, NM NAD83	TVD Reference:	GL 6043' & RKB 17' @ 6060.00ft (Drake 3)
Site:	Hampton 004P Pad	MD Reference:	GL 6043' & RKB 17' @ 6060.00ft (Drake 3)
Well:	Hampton 004P	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	Grand Junction

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
884.00	0.64	117.720	883.92	-3.57	-8.04	8.39	0.13	0.10	-7.94
946.00	0.73	123.520	945.91	-3.95	-7.41	8.16	0.18	0.15	9.35
1,008.00	0.79	129.640	1,007.91	-4.44	-6.75	8.00	0.16	0.10	9.87
1,071.00	0.92	132.760	1,070.90	-5.06	-6.04	7.88	0.22	0.21	4.95
1,134.00	0.99	139.500	1,133.89	-5.82	-5.32	7.84	0.21	0.11	10.70
1,197.00	0.67	126.940	1,196.89	-6.46	-4.67	7.78	0.58	-0.51	-19.94
1,259.00	0.41	100.110	1,258.88	-6.71	-4.16	7.57	0.57	-0.42	-43.27
1,322.00	0.44	85.050	1,321.88	-6.73	-3.70	7.23	0.18	0.05	-23.90
1,385.00	0.38	78.330	1,384.88	-6.67	-3.25	6.86	0.12	-0.10	-10.67
1,448.00	0.32	72.890	1,447.88	-6.58	-2.88	6.52	0.11	-0.10	-8.63
1,510.00	0.35	76.600	1,509.88	-6.48	-2.53	6.19	0.06	0.05	5.98
1,573.00	0.41	81.100	1,572.88	-6.40	-2.12	5.83	0.11	0.10	7.14
1,635.00	0.39	68.490	1,634.87	-6.29	-1.71	5.45	0.15	-0.03	-20.34
1,698.00	0.38	68.050	1,697.87	-6.13	-1.31	5.05	0.02	-0.02	-0.70
1,760.00	0.46	55.970	1,759.87	-5.92	-0.92	4.61	0.19	0.13	-19.48
1,823.00	0.41	47.120	1,822.87	-5.62	-0.54	4.13	0.13	-0.08	-14.05
1,885.00	0.33	54.930	1,884.87	-5.37	-0.23	3.73	0.15	-0.13	12.60
1,947.00	0.30	18.870	1,946.87	-5.11	-0.03	3.42	0.32	-0.05	-58.16
2,010.00	0.77	104.060	2,009.86	-5.06	0.43	3.03	1.27	0.75	135.22
2,073.00	0.69	84.930	2,072.86	-5.13	1.22	2.49	0.40	-0.13	-30.37
2,135.00	0.65	65.560	2,134.86	-4.95	1.91	1.85	0.37	-0.06	-31.24
2,198.00	0.67	35.500	2,197.85	-4.50	2.45	1.15	0.54	0.03	-47.71
2,261.00	0.74	14.560	2,260.85	-3.81	2.77	0.46	0.42	0.11	-33.24
2,323.00	0.79	6.690	2,322.84	-3.00	2.92	-0.20	0.19	0.08	-12.69
2,386.00	0.68	9.850	2,385.84	-2.20	3.03	-0.81	0.19	-0.17	5.02
2,449.00	0.58	14.970	2,448.83	-1.52	3.18	-1.37	0.18	-0.16	8.13
2,511.00	0.71	19.830	2,510.83	-0.86	3.39	-1.97	0.23	0.21	7.84
2,573.00	0.79	17.810	2,572.82	-0.09	3.65	-2.67	0.14	0.13	-3.26
2,636.00	0.75	15.940	2,635.82	0.72	3.90	-3.40	0.07	-0.06	-2.97
2,699.00	0.73	7.420	2,698.81	1.52	4.06	-4.05	0.18	-0.03	-13.52
2,761.00	0.74	0.730	2,760.81	2.31	4.12	-4.61	0.14	0.02	-10.79
2,824.00	0.59	1.280	2,823.80	3.04	4.13	-5.11	0.24	-0.24	0.87
2,887.00	0.37	9.480	2,886.80	3.57	4.17	-5.49	0.36	-0.35	13.02
2,950.00	0.28	1.090	2,949.80	3.92	4.21	-5.75	0.16	-0.14	-13.32
3,012.00	0.23	21.600	3,011.80	4.19	4.26	-5.96	0.17	-0.08	33.08
3,075.00	0.12	77.050	3,074.80	4.32	4.37	-6.13	0.30	-0.17	88.02
3,138.00	0.05	21.130	3,137.80	4.36	4.44	-6.22	0.16	-0.11	-88.76
3,200.00	0.34	156.500	3,199.80	4.22	4.52	-6.18	0.61	0.47	218.34
3,263.00	0.47	163.730	3,262.80	3.80	4.67	-6.01	0.22	0.21	11.48
3,326.00	0.52	175.910	3,325.79	3.26	4.76	-5.73	0.18	0.08	19.33
3,388.00	0.47	175.220	3,387.79	2.73	4.81	-5.41	0.08	-0.08	-1.11
3,451.00	0.45	183.720	3,450.79	2.23	4.81	-5.08	0.11	-0.03	13.49
3,514.00	0.45	190.610	3,513.79	1.74	4.75	-4.70	0.09	0.00	10.94



Scientific Drilling

Survey Report



Company:	Hilcorp Energy - San Juan Basin	Local Co-ordinate Reference:	Well Hampton 004P
Project:	San Juan, NM NAD83	TVD Reference:	GL 6043' & RKB 17' @ 6060.00ft (Drake 3)
Site:	Hampton 004P Pad	MD Reference:	GL 6043' & RKB 17' @ 6060.00ft (Drake 3)
Well:	Hampton 004P	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	Grand Junction

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
3,577.00	0.48	191.280	3,576.79	1.23	4.65	-4.30	0.05	0.05	1.06	
3,639.00	0.54	193.340	3,638.78	0.69	4.53	-3.85	0.10	0.10	3.32	
3,702.00	0.53	191.490	3,701.78	0.12	4.41	-3.38	0.03	-0.02	-2.94	
3,765.00	0.48	195.540	3,764.78	-0.42	4.28	-2.92	0.10	-0.08	6.43	
3,827.00	0.47	194.410	3,826.78	-0.92	4.15	-2.49	0.02	-0.02	-1.82	
3,890.00	0.50	200.670	3,889.77	-1.42	3.98	-2.04	0.10	0.05	9.94	
3,953.00	0.55	203.540	3,952.77	-1.96	3.77	-1.52	0.09	0.08	4.56	
4,015.00	0.53	205.620	4,014.77	-2.49	3.52	-0.99	0.05	-0.03	3.35	
4,078.00	0.61	203.970	4,077.77	-3.06	3.26	-0.41	0.13	0.13	-2.62	
4,140.00	0.68	204.980	4,139.76	-3.69	2.97	0.23	0.11	0.11	1.63	
4,203.00	0.68	217.170	4,202.76	-4.33	2.59	0.94	0.23	0.00	19.35	
4,265.00	0.74	220.400	4,264.75	-4.93	2.11	1.69	0.12	0.10	5.21	
4,328.00	0.72	222.260	4,327.75	-5.53	1.58	2.49	0.05	-0.03	2.95	
4,388.00	0.62	222.680	4,387.74	-6.05	1.10	3.19	0.17	-0.17	0.70	
4,515.00	0.72	209.610	4,514.73	-7.25	0.24	4.63	0.14	0.08	-10.29	
4,577.00	0.54	198.220	4,576.73	-7.86	-0.04	5.25	0.35	-0.29	-18.37	
4,640.00	0.44	162.340	4,639.73	-8.38	-0.06	5.60	0.50	-0.16	-56.95	
4,703.00	0.61	164.320	4,702.73	-8.93	0.10	5.85	0.27	0.27	3.14	
4,765.00	0.51	200.190	4,764.72	-9.51	0.10	6.23	0.58	-0.16	57.85	
4,828.00	0.54	188.910	4,827.72	-10.06	-0.05	6.71	0.17	0.05	-17.90	
4,891.00	0.23	44.980	4,890.72	-10.27	0.00	6.81	1.17	-0.49	-228.46	
4,953.00	0.64	0.090	4,952.72	-9.83	0.09	6.46	0.81	0.66	-72.40	
5,016.00	0.67	358.860	5,015.71	-9.11	0.08	5.99	0.05	0.05	-1.95	
5,079.00	0.61	353.790	5,078.71	-8.41	0.04	5.55	0.13	-0.10	-8.05	
5,142.00	0.41	3.230	5,141.71	-7.85	0.01	5.20	0.34	-0.32	14.98	
5,205.00	0.20	12.280	5,204.71	-7.52	0.05	4.95	0.34	-0.33	14.37	
5,268.00	0.12	45.470	5,267.71	-7.37	0.12	4.80	0.19	-0.13	52.68	
5,331.00	0.14	60.610	5,330.71	-7.28	0.23	4.66	0.06	0.03	24.03	
5,393.00	0.08	348.200	5,392.71	-7.20	0.29	4.56	0.22	-0.10	-116.79	
5,456.00	0.27	267.440	5,455.71	-7.17	0.13	4.65	0.43	0.30	-128.19	
5,519.00	0.41	263.840	5,518.70	-7.20	-0.24	4.95	0.22	0.22	-5.71	
5,582.00	0.46	255.620	5,581.70	-7.28	-0.71	5.36	0.13	0.08	-13.05	
5,645.00	0.63	247.430	5,644.70	-7.48	-1.27	5.91	0.30	0.27	-13.00	
5,707.00	0.41	229.150	5,706.70	-7.76	-1.76	6.46	0.44	-0.35	-29.48	
5,770.00	0.35	222.870	5,769.70	-8.04	-2.06	6.88	0.12	-0.10	-9.97	
5,832.00	0.29	232.530	5,831.70	-8.28	-2.31	7.22	0.13	-0.10	15.58	
5,896.00	0.37	218.240	5,895.69	-8.54	-2.57	7.59	0.18	0.13	-22.33	
5,958.00	0.32	225.710	5,957.69	-8.82	-2.81	7.96	0.11	-0.08	12.05	
6,021.00	0.41	209.730	6,020.69	-9.14	-3.05	8.34	0.21	0.14	-25.37	
6,083.00	0.43	225.850	6,082.69	-9.49	-3.33	8.79	0.19	0.03	26.00	
6,146.00	0.36	223.450	6,145.69	-9.80	-3.63	9.22	0.11	-0.11	-3.81	
6,209.00	0.34	220.910	6,208.69	-10.08	-3.89	9.60	0.04	-0.03	-4.03	
6,272.00	0.36	212.190	6,271.69	-10.39	-4.12	9.98	0.09	0.03	-13.84	



Scientific Drilling Survey Report



Company:	Hilcorp Energy - San Juan Basin	Local Co-ordinate Reference:	Well Hampton 004P
Project:	San Juan, NM NAD83	TVD Reference:	GL 6043' & RKB 17' @ 6060.00ft (Drake 3)
Site:	Hampton 004P Pad	MD Reference:	GL 6043' & RKB 17' @ 6060.00ft (Drake 3)
Well:	Hampton 004P	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	Grand Junction

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
6,335.00	0.26	234.020	6,334.69	-10.64	-4.34	10.31	0.24	-0.16	34.65
6,396.00	0.30	238.220	6,395.68	-10.81	-4.59	10.61	0.07	0.07	6.89
6,460.00	0.50	243.910	6,459.68	-11.02	-4.98	11.04	0.32	0.31	8.89
6,523.00	0.91	257.540	6,522.68	-11.25	-5.72	11.74	0.70	0.65	21.63
6,585.00	0.75	272.400	6,584.67	-11.34	-6.60	12.46	0.43	-0.26	23.97
6,648.00	0.98	303.410	6,647.66	-11.02	-7.47	12.90	0.81	0.37	49.22
6,710.00	0.90	294.360	6,709.66	-10.53	-8.35	13.24	0.27	-0.13	-14.60
6,773.00	1.23	292.520	6,772.65	-10.07	-9.43	13.73	0.53	0.52	-2.92
6,835.00	0.63	301.750	6,834.64	-9.63	-10.33	14.12	0.99	-0.97	14.89
6,898.00	0.26	8.380	6,897.64	-9.31	-10.61	14.11	0.92	-0.59	105.76
6,961.00	0.24	6.900	6,960.63	-9.04	-10.57	13.91	0.03	-0.03	-2.35
7,023.00	0.14	27.170	7,022.63	-8.84	-10.52	13.74	0.19	-0.16	32.69
7,086.00	0.14	213.680	7,085.63	-8.84	-10.53	13.74	0.44	0.00	-275.38
7,149.00	0.31	208.630	7,148.63	-9.05	-10.65	13.97	0.27	0.27	-8.02
7,208.00	0.36	201.640	7,207.63	-9.36	-10.80	14.29	0.11	0.08	-11.85
7,263.00	0.36	201.640	7,262.63	-9.69	-10.92	14.60	0.00	0.00	0.00

Checked By: _____ Approved By: _____ Date: _____

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

General Information
Phone: (505) 629-6116

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

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

ACKNOWLEDGMENTS

Action 469253

ACKNOWLEDGMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 469253
	Action Type: [C-104] Completion Packet - Test Allowable (C-104RT)

ACKNOWLEDGMENTS

☒	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
☒	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.
☒	I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

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CONDITIONS

Action 469253

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 469253
	Action Type: [C-104] Completion Packet - Test Allowable (C-104RT)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	RT EXPIRES 7/5/2025.	6/3/2025