District I
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District II
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District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-104
Revised August 1, 2011

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

[1] Operator name and Address	[2] OGRID Number
TAP ROCK OPERATING, LLC 523 PARK POINT DRIVE, SUITE 200 GOLDEN, CO 80401	372043
	[3] Reason for Filing Code/ Effective Date NW

[4] API Number	[5] Pool Name	[6] Pool Code
30 - 0 25-47463	TRIPLE X;BONE SPRING	59900
[7] Property Code	**[8] Property Name**	**[9] Well Number**
325667	POSEIDON STATE COM	172H

II. [10] Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
N	9	24-S	33-E	-	723'	SOUTH	1988'	WEST	LEA

[11] Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
3	4	24-S	33-E	-	31'	NORTH	2160'	WEST	LEA

[12] Lse Code	[13] Producing Method Code	[14] Gas Connection Date	[15] C-129 Permit Number	[16] C-129 Effective Date	[17] C-129 Expiration Date
S	F	9/25/2021			

III. Oil and Gas Transporters

[18] Transporter OGRID	[19] Transporter Name and Address	[20] O/G/W
214754	ENLINK MIDSTREAM OPERATING, LP 1722 ROUTH ST. SUITE 1300 DALLAS, TX 75201	O
371960	LUCID ENERGY GROUP 3100 MCKINNON ST #800 DALLAS, TX 75201	G

IV. Well Completion Data

[21] Spud Date	[22] Ready Date	[23] TD	[24] PBTD	[25] Perforations	[26] DHC, MC
6/11/2021	9/25/2021	19907'	19840'	14660' - 19755	

[27] Hole Size	[28] Casing & Tubing Size	[29] Depth Set	[30] Sacks Cement
17.5"	13.375"	1335'	935 SKS
12.25"	9.625"	5280'	1157 SKS
6.75"	5.5"	19887'	1338 SKS

V. Well Test Data

[31] Date New Oil	[32] Gas Delivery Date	[33] Test Date	[34] Test Length	[35] Tbg. Pressure	[36] Csg. Pressure
9/29/2021	9/29/2021	10/10/2021	24 HRS	0	900
[37] Choke Size	**[38] Oil**	**[39] Water**	**[40] Gas**		**[41] Test Method**
46/64	2112	2732	2665		Flowing

[42] 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.
Signature:

Printed name:
JEFF TRLICA

Title:
REGULATORY ANALYST

E-mail Address:
JTRLICA@GMAIL.COM

Date:
2/14/2024

Phone:
720-772-5910

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

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[4] API Number	[5] Pool Name	[6] Pool Code
30 - 0 25-47463	TRIPLE X;BONE SPRING, WEST	96674
[7] Property Code	**[8] Property Name**	**[9] Well Number**
325667	POSEIDON STATE COM	172H

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2/14/2024

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OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

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State of New Mexico
Energy, Minerals & Natural Resources
Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

FORM C-102
Revised August 1, 2011
Submit one copy to appropriate District Office

☐ **AMENDED REPORT**
As Drilled

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1]API Number	[2]Pool Code	[3]Pool Name
30-025-47463	96674	Triple X; Bone Spring, West

[4]Property Code	[5]Property Name	[6]Well Number
325667	POSEIDON STATE COM	172H

[7]OGRID No.	[8]Operator Name	[9]Elevation
#372043	TAP ROCK OPERATING, LLC.	3601'

[10]Surface Location

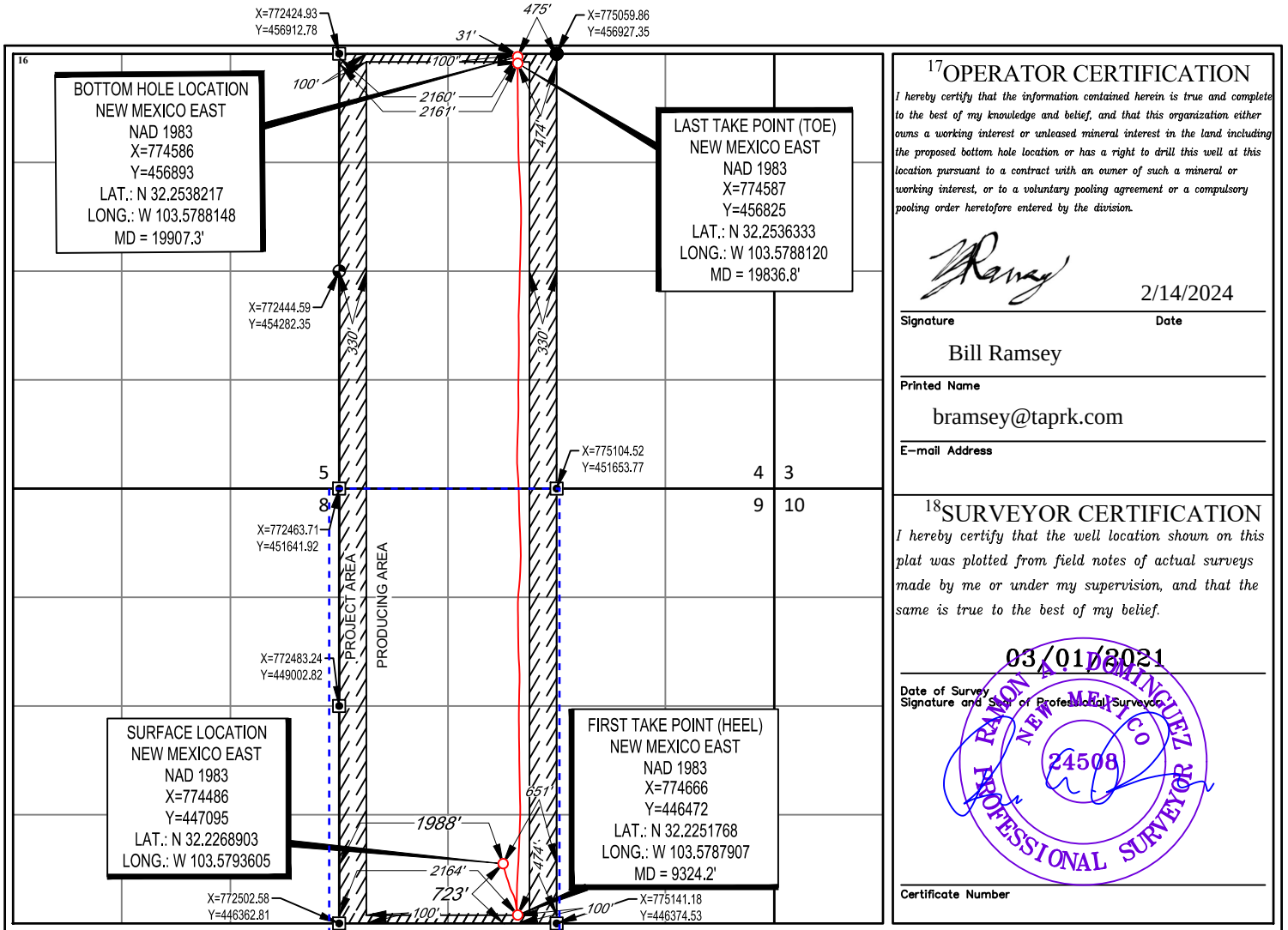
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	9	24-S	33-E	–	723'	SOUTH	1988'	WEST	LEA

[11]Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
3	4	24-S	33-E	–	31'	NORTH	2160'	WEST	LEA

[12]Dedicated Acres	[13]Joint or Infill	[14]Consolidation Code	[15]Order No.
320	Infill		

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.



[17]OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and 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 such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature — Date: 2/14/2024

Bill Ramsey
Printed Name

bramsey@taprk.com
E-mail Address

[18]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 to the best of my belief.

03/01/2021
Date of Survey
Signature and Seal of Professional Surveyor

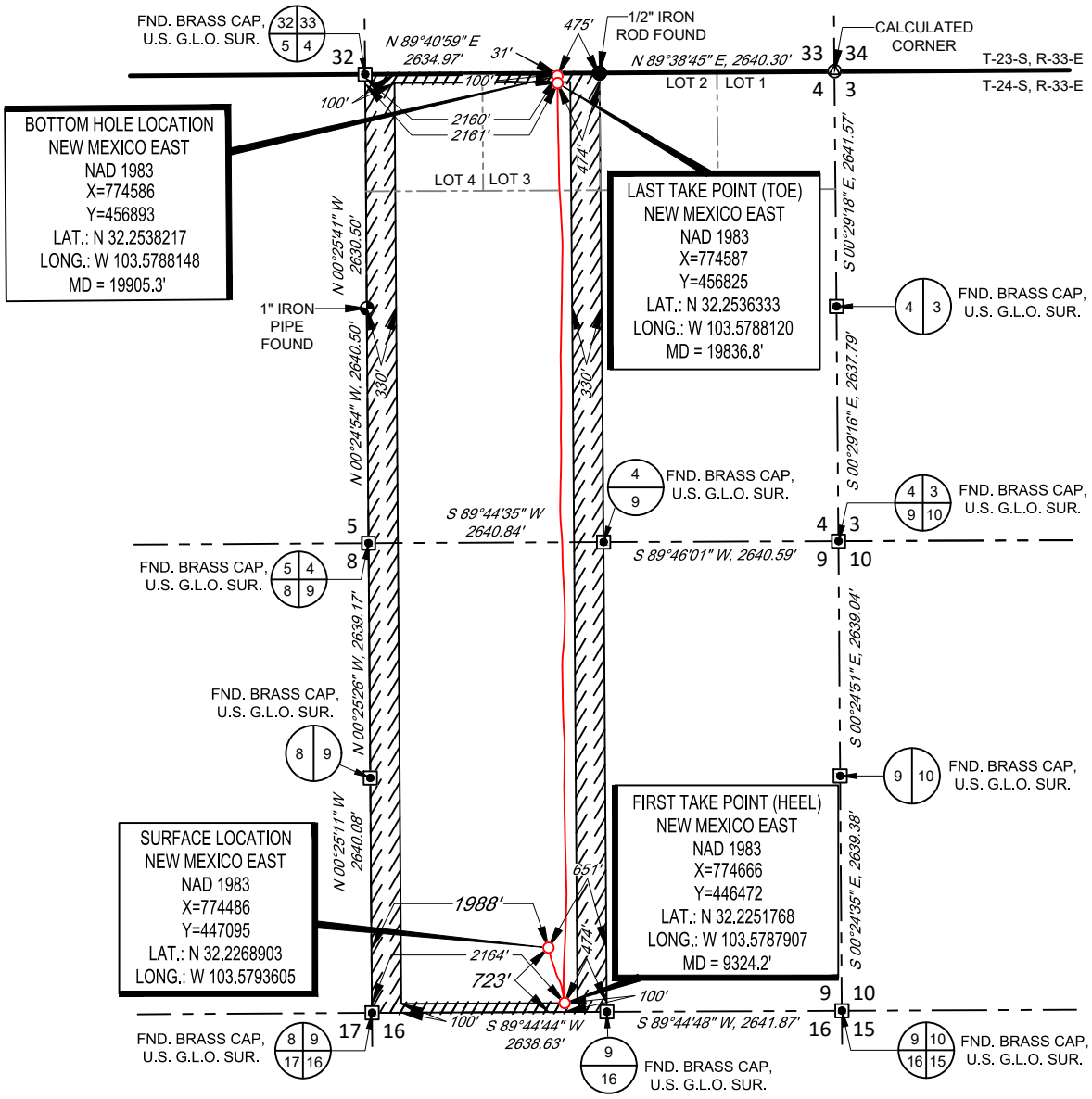
RAMON A. DOMINGUEZ
NEW MEXICO
24508
PROFESSIONAL SURVEYOR

Certificate Number

SCALE: 1" = 2000'

0' 1000' 2000'

SECTION 9, TOWNSHIP 24-S, RANGE 33-E, N.M.P.M.
LEA COUNTY, NEW MEXICO



LEASE NAME & WELL NO.: POSEIDON STATE COM 172H

SECTION 09 TWP 24-S RGE 33-E SURVEY N.M.P.M.

COUNTY LEA STATE NM ELEVATION 3601'

DESCRIPTION 723' FSL & 1988' FWL

INTERNAL PRE-COMPLETION PLAT

TOPOGRAPHIC
LOYALTY INNOVATION LEGACY
1400 EVERMAN PARKWAY, Ste. 146 • FT. WORTH, TEXAS 76140
TELEPHONE: (817) 744-7512 • FAX (817) 744-7554
2903 NORTH BIG SPRING • MIDLAND, TEXAS 79705
TELEPHONE: (432) 682-1653 OR (800) 767-1653 • FAX (432) 682-1743
WWW.TOPOGRAPHIC.COM

TAP ROCK

POSEIDON STATE COM 172H PRE-COMPLETION	REVISION: INT	DATE
DATE: 07/26/21		
FILE: C_POSEIDON_STATE_COM_172H		
DRAWN BY: MML		
SHEET : 2 OF 2		

NOTES:
1. ORIGINAL DOCUMENT SIZE: 8.5" X 11"
2. ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREIN ARE GRID BASED UPON THE NEW MEXICO COORDINATE SYSTEM OF 1983, EAST ZONE, U.S. SURVEY FEET.
3. THIS WELL LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY, AND DATA PROVIDED BY TAP ROCK OPERATING, LLC. THIS CERTIFICATION IS MADE AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.

S:\SURVEY\TAPROCK\POSEIDON_UNIT\FINAL_PRODUCTS\C_POSEIDON_STATE_COM_172H.DWG 7/28/2021 12:12:18 PM kmatheny

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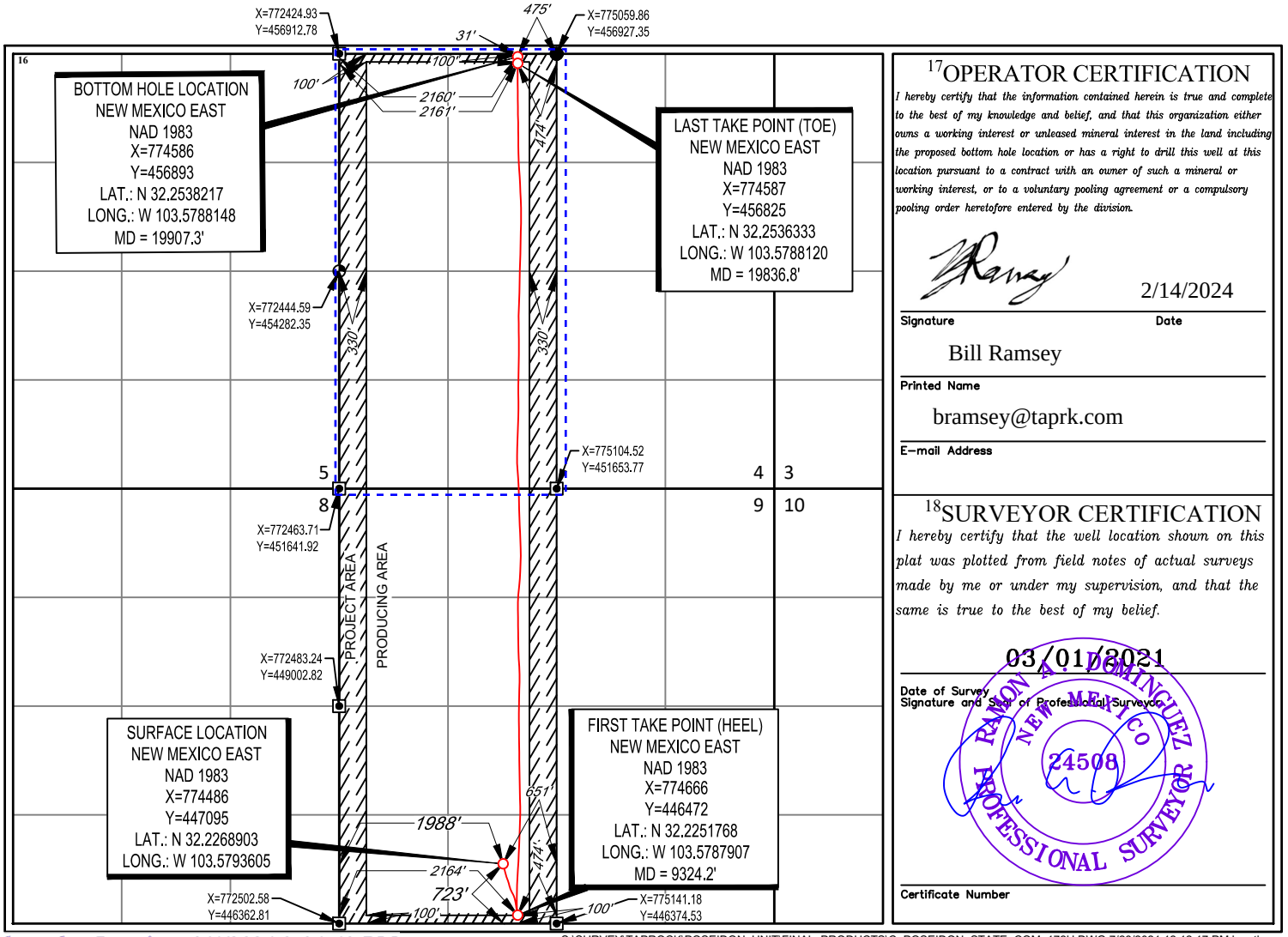

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bramsey@taprk.com
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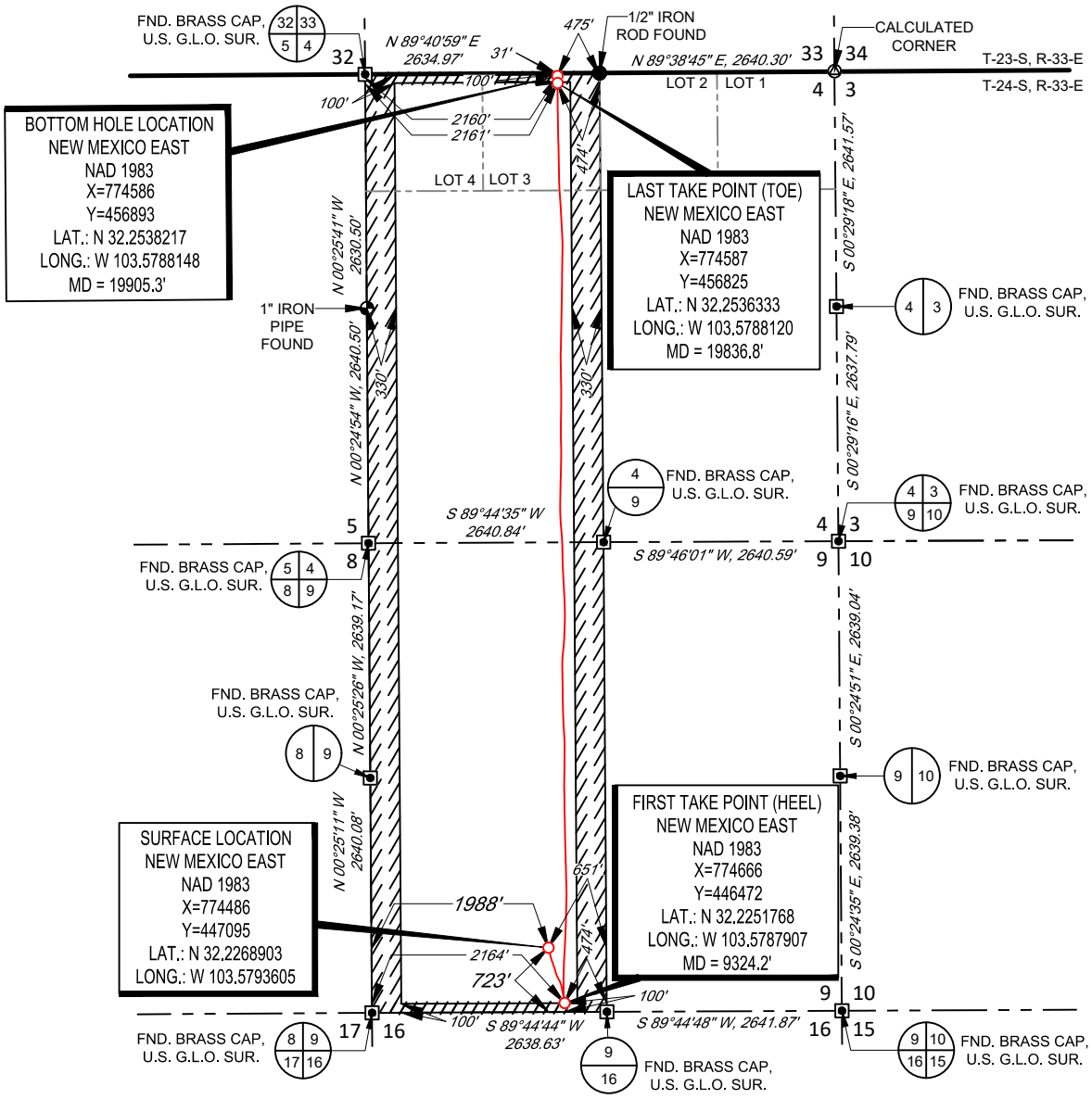

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TAP ROCK

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Operator: **Tap Rock Resources, LLC.**
Well Name: **Poseidon State Com 172H**
Job Number: **ID2881**
Survey Company: **Intrepid Directional Drilling Specialists**
Rig Name: **H&P 466**

Target KBTVD: **9648.00**
Target Inclination: **90.00º**
Declination Correction: **5.84º**
KB Elevation: **3226**

Vertical Section Calculated Along Azimuth: **359.58º**

Survey Calculation Method: Minimum Curvature

TIE PT. TYPE	SVY #	Survey Depth	INC deg.	AZM deg.	Course Length	TVD Ft.	V'Sect FT.	+N/-S Ft.	+E/-W Ft.	Dogleg º/100'
Tie In	0	**0**	**0.00**	**0.00**	**0**	**0**	**0**	**0**	**0**	0.00
MWD	1	**180**	**1.05**	**102.13**	180	179.99	-0.36	-0.35	1.61	0.58
MWD	2	**241**	**0.84**	**130.17**	61	240.98	-0.77	-0.75	2.50	0.82
MWD	3	**335**	**0.70**	**148.45**	94	334.97	-1.71	-1.69	3.33	0.30
MWD	4	**425**	**0.75**	**156.89**	90	424.97	-2.72	-2.70	3.85	0.13
MWD	5	**513**	**0.53**	**141.51**	88	512.96	-3.58	-3.54	4.33	0.32
MWD	6	**603**	**0.48**	**147.48**	90	602.96	-4.22	-4.19	4.79	0.08
MWD	7	**693**	**0.31**	**131.75**	90	692.96	-4.71	-4.67	5.17	0.22
MWD	8	**783**	**0.22**	**102.75**	90	782.95	-4.91	-4.87	5.52	0.18
MWD	9	**844**	**0.31**	**147.57**	61	843.95	-5.08	-5.03	5.72	0.36
MWD	10	**938**	**0.26**	**154.95**	94	937.95	-5.49	-5.44	5.95	0.07
MWD	11	**1032**	**0.48**	**204.09**	94	1031.95	-6.04	-5.99	5.88	0.39
MWD	12	**1126**	**0.84**	**198.28**	94	1125.94	-7.05	-7.01	5.50	0.39
MWD	13	**1220**	**0.84**	**222.37**	94	1219.93	-8.21	-8.17	4.82	0.37
MWD	14	**1289**	**1.14**	**219.73**	69	1288.92	-9.10	-9.07	4.04	0.44
MWD	15	**1427**	**0.35**	**223.95**	138	1426.91	-10.45	-10.43	2.87	0.57
MWD	16	**1522**	**0.26**	**296.55**	95	1521.91	-10.56	-10.54	2.48	0.39
MWD	17	**1616**	**0.57**	**275.72**	94	1615.91	-10.42	-10.40	1.82	0.36
MWD	18	**1710**	**0.53**	**216.04**	94	1709.90	-10.72	-10.71	1.10	0.58
MWD	19	**1805**	**0.18**	**161.28**	95	1804.90	-11.21	-11.20	0.89	0.47
MWD	20	**1898**	**0.26**	**341.28**	93	1897.90	-11.15	-11.14	0.87	0.47
MWD	21	**1993**	**0.18**	**156.27**	95	1992.90	-11.08	-11.08	0.86	0.46
MWD	22	**2087**	**0.79**	**144.94**	94	2086.90	-11.75	-11.74	1.29	0.65
MWD	23	**2181**	**2.81**	**167.79**	94	2180.85	-14.54	-14.52	2.15	2.24
MWD	24	**2275**	**4.48**	**166.73**	94	2274.65	-20.37	-20.35	3.48	1.78
MWD	25	**2369**	**6.02**	**165.50**	94	2368.26	-28.74	-28.70	5.56	1.64
MWD	26	**2463**	**7.47**	**164.97**	94	2461.60	-39.43	-39.37	8.38	1.54
MWD	27	**2557**	**8.97**	**164.18**	94	2554.64	-52.41	-52.32	11.96	1.60
MWD	28	**2651**	**8.84**	**163.30**	94	2647.50	-66.41	-66.29	16.04	0.20
MWD	29	**2745**	**8.70**	**165.33**	94	2740.40	-80.23	-80.09	19.91	0.36
MWD	30	**2839**	**8.22**	**165.33**	94	2833.38	-93.63	-93.46	23.41	0.51
MWD	31	**2933**	**7.87**	**164.89**	94	2926.46	-106.37	-106.18	26.79	0.38
MWD	32	**3027**	**7.74**	**164.62**	94	3019.58	-118.71	-118.49	30.15	0.14
MWD	33	**3121**	**7.30**	**162.78**	94	3112.78	-130.54	-130.30	33.60	0.53
MWD	34	**3216**	**7.82**	**162.60**	95	3206.95	-142.50	-142.23	37.32	0.55
MWD	35	**3310**	**8.48**	**159.96**	94	3300.00	-155.15	-154.85	41.60	0.81
MWD	36	**3404**	**8.62**	**158.82**	94	3392.96	-168.26	-167.93	46.52	0.23
MWD	37	**3498**	**8.70**	**161.63**	94	3485.88	-181.61	-181.24	51.31	0.46
MWD	38	**3592**	**8.44**	**161.02**	94	3578.83	-194.92	-194.51	55.79	0.29
MWD	39	**3686**	**8.00**	**158.03**	94	3671.87	-207.54	-207.10	60.48	0.65
MWD	40	**3780**	**8.75**	**160.32**	94	3764.87	-220.37	-219.90	65.34	0.87
MWD	41	**3875**	**8.62**	**162.51**	95	3858.78	-234.00	-233.50	69.91	0.37
MWD	42	**3969**	**7.69**	**166.03**	94	3951.83	-246.85	-246.32	73.55	1.12
MWD	43	**4063**	**8.44**	**164.45**	94	4044.90	-259.62	-259.07	76.92	0.83
MWD	44	**4157**	**8.84**	**165.77**	94	4137.83	-273.30	-272.71	80.54	0.47
MWD	45	**4251**	**9.01**	**163.48**	94	4230.69	-287.38	-286.77	84.41	0.42
MWD	46	**4335**	**8.84**	**159.52**	84	4313.68	-299.77	-299.12	88.54	0.76
MWD	47	**4429**	**8.35**	**157.24**	94	4406.62	-312.86	-312.18	93.70	0.63
MWD	48	**4523**	**9.49**	**153.99**	94	4499.48	-326.17	-325.44	99.74	1.33
MWD	49	**4617**	**10.95**	**151.79**	94	4591.99	-341.05	-340.28	107.36	1.61
MWD	50	**4711**	**10.42**	**150.82**	94	4684.36	-356.40	-355.57	115.73	0.60
MWD	51	**4806**	**11.69**	**152.32**	95	4777.59	-372.49	-371.59	124.39	1.37
MWD	52	**4900**	**12.22**	**158.12**	94	4869.56	-390.22	-389.26	132.52	1.40
MWD	53	**4994**	**12.00**	**160.76**	94	4961.47	-408.72	-407.71	139.45	0.63
MWD	54	**5088**	**9.98**	**165.15**	94	5053.74	-425.86	-424.81	144.75	2.32
MWD	55	**5183**	**8.26**	**168.23**	95	5147.54	-440.53	-439.45	148.26	1.88
MWD	56	**5222**	**7.91**	**167.70**	39	5186.15	-445.90	-444.82	149.40	0.92
MWD	57	**5360**	**7.52**	**167.70**	138	5322.90	-464.03	-462.92	153.35	0.28
MWD	58	**5454**	**9.32**	**171.13**	94	5415.88	-477.58	-476.45	155.83	1.99
MWD	59	**5548**	**10.64**	**170.42**	94	5508.46	-493.68	-492.53	158.45	1.41
MWD	60	**5642**	**10.68**	**170.77**	94	5600.84	-510.85	-509.68	161.29	0.08
MWD	61	**5737**	**10.24**	**168.31**	95	5694.26	-527.83	-526.64	164.41	0.66
MWD	62	**5831**	**9.8**	**166.56**	94	5786.82	-543.82	-542.60	167.96	0.57

MWD	63	5925	10.33	162.43	94	5879.38	-559.67	-558.42	172.37	0.95
MWD	64	6019	8.88	153.55	94	5972.06	-574.24	-572.95	178.14	2.20
MWD	65	6113	6.51	155.22	94	6065.21	-585.62	-584.29	183.61	2.53
MWD	66	6207	5.58	156.8	94	6158.69	-594.69	-593.33	187.64	1.00
MWD	67	6301	5.58	154.25	94	6252.24	-603.03	-601.64	191.43	0.26
MWD	68	6395	5.19	152.93	94	6345.83	-610.96	-609.54	195.35	0.44
MWD	69	6489	5.45	166.91	94	6439.42	-619.12	-617.68	198.30	1.40
MWD	70	6583	5.85	172.97	94	6532.97	-628.23	-626.78	199.89	0.76
MWD	71	6678	6.02	172.01	95	6627.46	-637.98	-636.52	201.18	0.21
MWD	72	6772	4.79	165.24	94	6721.04	-646.67	-645.20	202.86	1.47
MWD	73	6866	4.48	161.9	94	6814.73	-653.97	-652.48	205.00	0.44
MWD	74	6960	2.73	164.53	94	6908.54	-659.63	-658.13	206.74	1.87
MWD	75	7054	1.27	194.59	94	7002.49	-662.79	-661.29	207.08	1.86
MWD	76	7148	1.23	209.36	94	7096.46	-664.68	-663.18	206.32	0.34
MWD	77	7242	1.19	216.74	94	7190.44	-666.33	-664.84	205.24	0.17
MWD	78	7336	0.97	222.72	94	7284.43	-667.69	-666.21	204.12	0.26
MWD	79	7430	0.84	210.33	94	7378.41	-668.86	-667.39	203.23	0.25
MWD	80	7525	1.05	223.51	95	7473.40	-670.09	-668.62	202.28	0.32
MWD	81	7619	1.14	214.02	94	7567.38	-671.48	-670.02	201.16	0.22
MWD	82	7714	1.05	197.41	95	7662.37	-673.09	-671.63	200.37	0.35
MWD	83	7808	0.84	217.18	94	7756.35	-674.45	-673.01	199.70	0.41
MWD	84	7902	1.23	204.09	94	7850.34	-675.92	-674.48	198.87	0.48
MWD	85	7996	1.32	192.48	94	7944.32	-677.89	-676.45	198.23	0.29
MWD	86	8090	1.49	190.2	94	8038.29	-680.15	-678.71	197.78	0.19
MWD	87	8184	1.49	196.79	94	8132.26	-682.51	-681.09	197.21	0.18
MWD	88	8278	1.1	338.73	94	8226.25	-682.84	-681.42	196.53	2.61
MWD	89	8373	1.36	329.51	95	8321.22	-681.01	-679.59	195.62	0.34
MWD	90	8467	1.58	323.53	94	8415.19	-679.00	-677.59	194.29	0.29
MWD	91	8561	1.19	328.71	94	8509.17	-677.11	-675.72	193.01	0.44
MWD	92	8655	1.05	317.82	94	8603.15	-675.63	-674.24	191.92	0.27
MWD	93	8749	1.01	304.19	94	8697.13	-674.52	-673.14	190.66	0.26
MWD	94	8843	1.23	299.45	94	8791.11	-673.55	-672.18	189.10	0.25
MWD	95	8937	1.10	280.99	94	8885.10	-672.86	-671.51	187.33	0.42
MWD	96	9030	1.14	293.21	93	8978.08	-672.32	-670.97	185.61	0.26
MWD	97	9055	1.36	291.71	25	9003.07	-672.11	-670.77	185.10	0.89
MWD	98	9090	1.19	295.14	35	9038.06	-671.79	-670.46	184.39	0.53
MWD	99	9184	6.64	359.21	94	9131.83	-665.93	-664.60	183.43	6.61
MWD	100	9279	20.92	357.10	95	9223.86	-643.38	-642.06	182.49	15.04
MWD	101	9373	31.25	352.80	94	9308.18	-602.28	-600.99	178.57	11.17
MWD	102	9467	37.10	354.38	94	9385.91	-549.79	-548.54	172.73	6.29
MWD	103	9561	45.10	359.39	94	9456.71	-488.15	-486.92	169.60	9.20
MWD	104	9656	53.63	0.71	95	9518.52	-416.13	-414.89	169.71	9.04
MWD	105	9748	63.65	0.09	92	9566.34	-337.68	-336.44	170.24	10.91
MWD	106	9842	71.60	1.85	94	9602.09	-250.85	-249.60	171.75	8.63
MWD	107	9936	77.85	2.73	94	9626.85	-160.32	-159.04	175.38	6.71
MWD	108	10031	85.80	3.17	95	9640.35	-66.53	-65.21	180.22	8.38
MWD	109	10126	91.74	2.99	95	9642.38	28.23	29.59	185.32	6.26
MWD	110	10220	95.82	2.02	94	9636.19	121.88	123.28	189.42	4.46
MWD	111	10315	97.01	2.29	95	9625.57	216.19	217.61	192.97	1.28
MWD	112	10410	94.33	1.41	95	9616.19	310.64	312.09	196.02	2.97
MWD	113	10505	90.59	1.67	95	9612.11	405.48	406.95	198.57	3.95
MWD	114	10607	89.14	1.50	102	9612.35	507.42	508.91	201.39	1.43
MWD	115	10702	86.24	0.09	95	9616.18	602.31	603.81	202.71	3.39
MWD	116	10796	87.65	358.77	94	9621.19	696.17	697.67	201.77	2.05
MWD	117	10890	88.13	358.07	94	9624.65	790.09	791.57	199.18	0.90
MWD	118	10984	87.69	358.33	94	9628.08	884.00	885.46	196.23	0.54
MWD	119	11079	87.25	358.86	95	9632.27	978.89	980.34	193.91	0.72
MWD	120	11173	88.57	358.60	94	9635.70	1072.81	1074.25	191.82	1.43
MWD	121	11267	87.56	358.33	94	9638.88	1166.74	1168.16	189.31	1.11
MWD	122	11362	89.54	359.04	95	9641.28	1261.69	1263.10	187.13	2.21
MWD	123	11454	90.51	358.51	92	9641.24	1353.68	1355.08	185.16	1.20
MWD	124	11549	90.59	358.77	95	9640.33	1448.67	1450.05	182.91	0.29
MWD	125	11643	90.99	358.77	94	9639.03	1542.65	1544.01	180.89	0.43
MWD	126	11738	88.48	359.65	95	9639.47	1637.64	1639.00	179.58	2.80
MWD	127	11833	85.67	358.69	95	9644.32	1732.50	1733.85	178.21	3.13
MWD	128	11928	88.26	0.44	95	9649.35	1827.35	1828.70	177.49	3.29
MWD	129	12023	87.96	0.79	95	9652.48	1922.29	1923.65	178.51	0.49
MWD	130	12117	91.52	0.36	94	9652.91	2016.26	2017.63	179.45	3.81
MWD	131	12212	91.78	1.23	95	9650.17	2111.19	2112.58	180.77	0.96
MWD	132	12306	89.89	0.97	94	9648.80	2205.15	2206.54	182.57	2.03
MWD	133	12400	90.11	358.07	94	9648.80	2299.14	2300.53	181.78	3.09
MWD	134	12496	86.42	356.22	96	9651.71	2394.99	2396.35	177.01	4.30
MWD	135	12591	91.25	355.96	95	9653.64	2489.76	2491.08	170.53	5.09
MWD	136	12683	94.37	358.42	92	9649.13	2581.55	2582.84	166.03	4.32
MWD	137	12777	95.38	358.42	94	9641.14	2675.19	2676.46	163.44	1.07
MWD	138	12871	91.60	358.95	94	9635.42	2768.99	2770.25	161.29	4.06

MWD	139	**12902**	**91.60**	**359.39**	31	9634.55	2799.98	2801.23	160.84	1.42
MWD	140	**12997**	**87.21**	**359.12**	95	9635.54	2894.95	2896.19	159.61	4.63
MWD	141	**13090**	**86.59**	**358.86**	93	9640.57	2987.80	2989.04	157.97	0.72
MWD	142	**13184**	**88.00**	**359.39**	94	9645.01	3081.69	3082.92	156.54	1.60
MWD	143	**13279**	**88.57**	**359.39**	95	9647.85	3176.65	3177.88	155.53	0.60
MWD	144	**13373**	**88.13**	**4.66**	94	9650.56	3270.49	3271.74	158.85	5.62
MWD	145	**13468**	**91.12**	**6.68**	95	9651.18	3364.94	3366.26	168.23	3.80
MWD	146	**13562**	**93.67**	**3.69**	94	9647.25	3458.39	3459.78	176.72	4.18
MWD	147	**13654**	**93.67**	**1.50**	92	9641.36	3550.07	3551.49	180.87	2.38
MWD	148	**13748**	**93.63**	**1.76**	94	9635.38	3643.82	3645.26	183.54	0.28
MWD	149	**13841**	**91.91**	**0.44**	93	9630.88	3736.67	3738.13	185.33	2.33
MWD	150	**13934**	**88.66**	**357.63**	93	9630.42	3829.64	3831.09	183.76	4.62
MWD	151	**14029**	**90.02**	**357.63**	95	9631.51	3924.58	3926.00	179.83	1.43
MWD	152	**14122**	**88.00**	**356.66**	93	9633.12	4017.48	4018.87	175.20	2.41
MWD	153	**14217**	**87.78**	**357.02**	95	9636.62	4112.30	4113.66	169.97	0.44
MWD	154	**14311**	**86.99**	**356.75**	94	9640.91	4206.10	4207.42	164.86	0.89
MWD	155	**14405**	**87.16**	**358.25**	94	9645.70	4299.91	4301.21	160.77	1.60
MWD	156	**14498**	**91.08**	**358.69**	93	9647.13	4392.87	4394.14	158.29	4.24
MWD	157	**14593**	**91.87**	**358.95**	95	9644.69	4487.83	4489.09	156.33	0.88
MWD	158	**14687**	**92.09**	**357.02**	94	9641.44	4581.73	4582.97	153.03	2.07
MWD	159	**14780**	**91.16**	**355.26**	93	9638.80	4674.52	4675.72	146.77	2.14
MWD	160	**14874**	**88.84**	**355.17**	94	9638.80	4768.24	4769.39	138.93	2.47
MWD	161	**14968**	**88.97**	**357.54**	94	9640.60	4862.07	4863.17	132.96	2.52
MWD	162	**15063**	**89.89**	**0.62**	95	9641.54	4957.05	4958.14	131.43	3.38
MWD	163	**15158**	**89.93**	**1.23**	95	9641.69	5052.02	5053.13	132.96	0.64
MWD	164	**15254**	**90.51**	**1.32**	96	9641.32	5147.98	5149.10	135.10	0.61
MWD	165	**15348**	**91.38**	**1.41**	94	9639.77	5241.92	5243.06	137.34	0.93
MWD	166	**15443**	**93.36**	**1.76**	95	9635.85	5336.77	5337.94	139.96	2.12
MWD	167	**15536**	**91.52**	**0.79**	93	9631.89	5429.64	5430.83	142.03	2.24
MWD	168	**15630**	**90.68**	**0.62**	94	9630.08	5523.61	5524.80	143.19	0.91
MWD	169	**15723**	**89.01**	**358.86**	93	9630.33	5616.60	5617.80	142.77	2.61
MWD	170	**15817**	**88.18**	**358.60**	94	9632.64	5710.56	5711.74	140.68	0.93
MWD	171	**15911**	**89.27**	**0.18**	94	9634.73	5804.53	5805.71	139.68	2.04
MWD	172	**16004**	**90.46**	**1.15**	93	9634.95	5897.51	5898.70	140.76	1.65
MWD	173	**16099**	**89.23**	**0.79**	95	9635.21	5992.48	5993.69	142.37	1.35
MWD	174	**16193**	**88.97**	**0.18**	94	9636.68	6086.46	6087.67	143.17	0.71
MWD	175	**16287**	**88.62**	**0.36**	94	9638.66	6180.43	6181.65	143.61	0.42
MWD	176	**16381**	**91.25**	**359.65**	94	9638.77	6274.42	6275.64	143.62	2.90
MWD	177	**16475**	**88.26**	**358.69**	94	9639.17	6368.40	6369.62	142.26	3.34
MWD	178	**16570**	**91.03**	**359.30**	95	9639.76	6463.39	6464.59	140.59	2.99
MWD	179	**16665**	**88.84**	**358.07**	95	9639.86	6558.37	6559.56	138.41	2.64
MWD	180	**16759**	**92.44**	**0.62**	94	9638.81	6652.34	6653.52	137.33	4.69
MWD	181	**16851**	**93.71**	**1.94**	92	9633.88	6744.16	6745.36	139.39	1.99
MWD	182	**16945**	**93.89**	**1.15**	94	9627.65	6837.90	6839.12	141.92	0.86
MWD	183	**17040**	**90.42**	**1.06**	95	9624.08	6932.78	6934.02	143.75	3.65
MWD	184	**17131**	**90.20**	**0.62**	91	9623.58	7023.76	7025.01	145.08	0.54
MWD	185	**17226**	**89.98**	**0.88**	95	9623.44	7118.74	7120.00	146.32	0.36
MWD	186	**17320**	**88.18**	**1.15**	94	9624.94	7212.69	7213.97	147.99	1.94
MWD	187	**17413**	**90.42**	**2.02**	93	9626.08	7305.62	7306.92	150.56	2.58
MWD	188	**17506**	**89.63**	**0.53**	93	9626.04	7398.58	7399.90	152.63	1.81
MWD	189	**17600**	**89.36**	**0.27**	94	9626.87	7492.56	7493.89	153.29	0.40
MWD	190	**17694**	**89.98**	**0.88**	94	9627.41	7586.55	7587.88	154.23	0.93
MWD	191	**17789**	**91.47**	**1.06**	95	9626.21	7681.51	7682.86	155.84	1.58
MWD	192	**17883**	**91.87**	**0.71**	94	9623.47	7775.45	7776.81	157.29	0.57
MWD	193	**17977**	**93.19**	**0.18**	94	9619.32	7869.34	7870.71	158.02	1.51
MWD	194	**18071**	**91.82**	**357.72**	94	9615.21	7963.24	7964.60	156.30	2.99
MWD	195	**18166**	**90.51**	**357.45**	95	9613.28	8058.16	8059.49	152.29	1.41
MWD	196	**18260**	**90.51**	**356.84**	94	9612.44	8152.07	8153.37	147.61	0.65
MWD	197	**18355**	**88.18**	**356.58**	95	9613.53	8246.94	8248.20	142.16	2.47
MWD	198	**18450**	**87.74**	**356.31**	95	9616.91	8341.73	8342.96	136.27	0.54
MWD	199	**18544**	**87.38**	**356.05**	94	9620.91	8435.48	8436.66	130.02	0.47
MWD	200	**18639**	**88.48**	**356.22**	95	9624.34	8530.25	8531.38	123.62	1.17
MWD	201	**18733**	**90.24**	**358.69**	94	9625.39	8624.17	8625.27	119.45	3.23
MWD	202	**18827**	**89.89**	**359.30**	94	9625.29	8718.16	8719.26	117.80	0.75
MWD	203	**18922**	**89.98**	**359.30**	95	9625.39	8813.16	8814.25	116.64	0.09
MWD	204	**19016**	**90.68**	**358.86**	94	9624.85	8907.15	8908.24	115.13	0.88
MWD	205	**19110**	**91.74**	**358.42**	94	9622.87	9001.12	9002.19	112.90	1.22
MWD	206	**19205**	**92.92**	**358.42**	95	9619.01	9096.02	9097.07	110.28	1.24
MWD	207	**19299**	**91.65**	**358.86**	94	9615.26	9189.93	9190.97	108.05	1.43
MWD	208	**19394**	**91.16**	**359.21**	95	9612.93	9284.89	9285.92	106.45	0.63
MWD	209	**19488**	**89.89**	**359.04**	94	9612.07	9378.89	9379.91	105.01	1.36
MWD	210	**19582**	**87.82**	**359.56**	94	9613.95	9472.86	9473.88	103.87	2.27
MWD	211	**19676**	**88.13**	**359.74**	94	9617.27	9566.80	9567.82	103.29	0.38
MWD	212	**19770**	**88.79**	**359.21**	94	9619.79	9660.77	9661.78	102.43	0.90
MWD	213	**19840**	**88.88**	**358.86**	70	9621.22	9730.75	9731.75	101.25	0.52
PTB	214	**19907**	**88.88**	**358.86**	67	9622.53	9797.73	9798.73	99.92	0.00

Operator: TapRock Resources LLC
Well Name: Poseidon State Com #172H
County: Lea
State: New Mexico
Rig Name: H&P 466
API: 30-25-47463

Intrepid Directional Drilling Specialists certifies that the surveys performed on the above referenced well are true and correct MWD surveys, data provided as follows:

Surveyor: Intrepid Directional Drilling Specialists
Survey Depths: 180’ MD – 19840’ MD
Projection to Bit: 19907’ MD
Dates Performed: 6/11/2021 – 7/18/2021
Type of Survey: MWD

Sincerely,

Travis Henk
MWD Operations Manager
Intrepid Directional Drilling Specialists

Operator: **Tap Rock Resources, LLC.**
Well Name: **Poseidon State Com 172H**
Job Number: **ID2881**
Survey Company: **Intrepid Directional Drilling Specialists**
Rig Name: **H&P 466**

Target KBTVD: **9648.00**
Target Inclination: **90.00º**
Declination Correction: **5.84º**
KB Elevation: **3226**

Vertical Section Calculated Along Azimuth: **359.58º**

Survey Calculation Method: Minimum Curvature

TIE PT. TYPE	SVY #	Survey Depth	INC deg.	AZM deg.	Course Length	TVD Ft.	V'Sect FT.	+N/-S Ft.	+E/-W Ft.	Dogleg º/100'
Tie In	0	**0**	**0.00**	**0.00**	**0**	**0**	**0**	**0**	**0**	0.00
MWD	1	**180**	**1.05**	**102.13**	180	179.99	-0.36	-0.35	1.61	0.58
MWD	2	**241**	**0.84**	**130.17**	61	240.98	-0.77	-0.75	2.50	0.82
MWD	3	**335**	**0.70**	**148.45**	94	334.97	-1.71	-1.69	3.33	0.30
MWD	4	**425**	**0.75**	**156.89**	90	424.97	-2.72	-2.70	3.85	0.13
MWD	5	**513**	**0.53**	**141.51**	88	512.96	-3.58	-3.54	4.33	0.32
MWD	6	**603**	**0.48**	**147.48**	90	602.96	-4.22	-4.19	4.79	0.08
MWD	7	**693**	**0.31**	**131.75**	90	692.96	-4.71	-4.67	5.17	0.22
MWD	8	**783**	**0.22**	**102.75**	90	782.95	-4.91	-4.87	5.52	0.18
MWD	9	**844**	**0.31**	**147.57**	61	843.95	-5.08	-5.03	5.72	0.36
MWD	10	**938**	**0.26**	**154.95**	94	937.95	-5.49	-5.44	5.95	0.07
MWD	11	**1032**	**0.48**	**204.09**	94	1031.95	-6.04	-5.99	5.88	0.39
MWD	12	**1126**	**0.84**	**198.28**	94	1125.94	-7.05	-7.01	5.50	0.39
MWD	13	**1220**	**0.84**	**222.37**	94	1219.93	-8.21	-8.17	4.82	0.37
MWD	14	**1289**	**1.14**	**219.73**	69	1288.92	-9.10	-9.07	4.04	0.44
MWD	15	**1427**	**0.35**	**223.95**	138	1426.91	-10.45	-10.43	2.87	0.57
MWD	16	**1522**	**0.26**	**296.55**	95	1521.91	-10.56	-10.54	2.48	0.39
MWD	17	**1616**	**0.57**	**275.72**	94	1615.91	-10.42	-10.40	1.82	0.36
MWD	18	**1710**	**0.53**	**216.04**	94	1709.90	-10.72	-10.71	1.10	0.58
MWD	19	**1805**	**0.18**	**161.28**	95	1804.90	-11.21	-11.20	0.89	0.47
MWD	20	**1898**	**0.26**	**341.28**	93	1897.90	-11.15	-11.14	0.87	0.47
MWD	21	**1993**	**0.18**	**156.27**	95	1992.90	-11.08	-11.08	0.86	0.46
MWD	22	**2087**	**0.79**	**144.94**	94	2086.90	-11.75	-11.74	1.29	0.65
MWD	23	**2181**	**2.81**	**167.79**	94	2180.85	-14.54	-14.52	2.15	2.24
MWD	24	**2275**	**4.48**	**166.73**	94	2274.65	-20.37	-20.35	3.48	1.78
MWD	25	**2369**	**6.02**	**165.50**	94	2368.26	-28.74	-28.70	5.56	1.64
MWD	26	**2463**	**7.47**	**164.97**	94	2461.60	-39.43	-39.37	8.38	1.54
MWD	27	**2557**	**8.97**	**164.18**	94	2554.64	-52.41	-52.32	11.96	1.60
MWD	28	**2651**	**8.84**	**163.30**	94	2647.50	-66.41	-66.29	16.04	0.20
MWD	29	**2745**	**8.70**	**165.33**	94	2740.40	-80.23	-80.09	19.91	0.36
MWD	30	**2839**	**8.22**	**165.33**	94	2833.38	-93.63	-93.46	23.41	0.51
MWD	31	**2933**	**7.87**	**164.89**	94	2926.46	-106.37	-106.18	26.79	0.38
MWD	32	**3027**	**7.74**	**164.62**	94	3019.58	-118.71	-118.49	30.15	0.14
MWD	33	**3121**	**7.30**	**162.78**	94	3112.78	-130.54	-130.30	33.60	0.53
MWD	34	**3216**	**7.82**	**162.60**	95	3206.95	-142.50	-142.23	37.32	0.55
MWD	35	**3310**	**8.48**	**159.96**	94	3300.00	-155.15	-154.85	41.60	0.81
MWD	36	**3404**	**8.62**	**158.82**	94	3392.96	-168.26	-167.93	46.52	0.23
MWD	37	**3498**	**8.70**	**161.63**	94	3485.88	-181.61	-181.24	51.31	0.46
MWD	38	**3592**	**8.44**	**161.02**	94	3578.83	-194.92	-194.51	55.79	0.29
MWD	39	**3686**	**8.00**	**158.03**	94	3671.87	-207.54	-207.10	60.48	0.65
MWD	40	**3780**	**8.75**	**160.32**	94	3764.87	-220.37	-219.90	65.34	0.87
MWD	41	**3875**	**8.62**	**162.51**	95	3858.78	-234.00	-233.50	69.91	0.37
MWD	42	**3969**	**7.69**	**166.03**	94	3951.83	-246.85	-246.32	73.55	1.12
MWD	43	**4063**	**8.44**	**164.45**	94	4044.90	-259.62	-259.07	76.92	0.83
MWD	44	**4157**	**8.84**	**165.77**	94	4137.83	-273.30	-272.71	80.54	0.47
MWD	45	**4251**	**9.01**	**163.48**	94	4230.69	-287.38	-286.77	84.41	0.42
MWD	46	**4335**	**8.84**	**159.52**	84	4313.68	-299.77	-299.12	88.54	0.76
MWD	47	**4429**	**8.35**	**157.24**	94	4406.62	-312.86	-312.18	93.70	0.63
MWD	48	**4523**	**9.49**	**153.99**	94	4499.48	-326.17	-325.44	99.74	1.33
MWD	49	**4617**	**10.95**	**151.79**	94	4591.99	-341.05	-340.28	107.36	1.61
MWD	50	**4711**	**10.42**	**150.82**	94	4684.36	-356.40	-355.57	115.73	0.60
MWD	51	**4806**	**11.69**	**152.32**	95	4777.59	-372.49	-371.59	124.39	1.37
MWD	52	**4900**	**12.22**	**158.12**	94	4869.56	-390.22	-389.26	132.52	1.40
MWD	53	**4994**	**12.00**	**160.76**	94	4961.47	-408.72	-407.71	139.45	0.63
MWD	54	**5088**	**9.98**	**165.15**	94	5053.74	-425.86	-424.81	144.75	2.32
MWD	55	**5183**	**8.26**	**168.23**	95	5147.54	-440.53	-439.45	148.26	1.88
MWD	56	**5222**	**7.91**	**167.70**	39	5186.15	-445.90	-444.82	149.40	0.92
MWD	57	**5360**	**7.52**	**167.70**	138	5322.90	-464.03	-462.92	153.35	0.28
MWD	58	**5454**	**9.32**	**171.13**	94	5415.88	-477.58	-476.45	155.83	1.99
MWD	59	**5548**	**10.64**	**170.42**	94	5508.46	-493.68	-492.53	158.45	1.41
MWD	60	**5642**	**10.68**	**170.77**	94	5600.84	-510.85	-509.68	161.29	0.08
MWD	61	**5737**	**10.24**	**168.31**	95	5694.26	-527.83	-526.64	164.41	0.66
MWD	62	**5831**	**9.8**	**166.56**	94	5786.82	-543.82	-542.60	167.96	0.57

MWD	63	5925	10.33	162.43	94	5879.38	-559.67	-558.42	172.37	0.95
MWD	64	6019	8.88	153.55	94	5972.06	-574.24	-572.95	178.14	2.20
MWD	65	6113	6.51	155.22	94	6065.21	-585.62	-584.29	183.61	2.53
MWD	66	6207	5.58	156.8	94	6158.69	-594.69	-593.33	187.64	1.00
MWD	67	6301	5.58	154.25	94	6252.24	-603.03	-601.64	191.43	0.26
MWD	68	6395	5.19	152.93	94	6345.83	-610.96	-609.54	195.35	0.44
MWD	69	6489	5.45	166.91	94	6439.42	-619.12	-617.68	198.30	1.40
MWD	70	6583	5.85	172.97	94	6532.97	-628.23	-626.78	199.89	0.76
MWD	71	6678	6.02	172.01	95	6627.46	-637.98	-636.52	201.18	0.21
MWD	72	6772	4.79	165.24	94	6721.04	-646.67	-645.20	202.86	1.47
MWD	73	6866	4.48	161.9	94	6814.73	-653.97	-652.48	205.00	0.44
MWD	74	6960	2.73	164.53	94	6908.54	-659.63	-658.13	206.74	1.87
MWD	75	7054	1.27	194.59	94	7002.49	-662.79	-661.29	207.08	1.86
MWD	76	7148	1.23	209.36	94	7096.46	-664.68	-663.18	206.32	0.34
MWD	77	7242	1.19	216.74	94	7190.44	-666.33	-664.84	205.24	0.17
MWD	78	7336	0.97	222.72	94	7284.43	-667.69	-666.21	204.12	0.26
MWD	79	7430	0.84	210.33	94	7378.41	-668.86	-667.39	203.23	0.25
MWD	80	7525	1.05	223.51	95	7473.40	-670.09	-668.62	202.28	0.32
MWD	81	7619	1.14	214.02	94	7567.38	-671.48	-670.02	201.16	0.22
MWD	82	7714	1.05	197.41	95	7662.37	-673.09	-671.63	200.37	0.35
MWD	83	7808	0.84	217.18	94	7756.35	-674.45	-673.01	199.70	0.41
MWD	84	7902	1.23	204.09	94	7850.34	-675.92	-674.48	198.87	0.48
MWD	85	7996	1.32	192.48	94	7944.32	-677.89	-676.45	198.23	0.29
MWD	86	8090	1.49	190.2	94	8038.29	-680.15	-678.71	197.78	0.19
MWD	87	8184	1.49	196.79	94	8132.26	-682.51	-681.09	197.21	0.18
MWD	88	8278	1.1	338.73	94	8226.25	-682.84	-681.42	196.53	2.61
MWD	89	8373	1.36	329.51	95	8321.22	-681.01	-679.59	195.62	0.34
MWD	90	8467	1.58	323.53	94	8415.19	-679.00	-677.59	194.29	0.29
MWD	91	8561	1.19	328.71	94	8509.17	-677.11	-675.72	193.01	0.44
MWD	92	8655	1.05	317.82	94	8603.15	-675.63	-674.24	191.92	0.27
MWD	93	8749	1.01	304.19	94	8697.13	-674.52	-673.14	190.66	0.26
MWD	94	8843	1.23	299.45	94	8791.11	-673.55	-672.18	189.10	0.25
MWD	95	8937	1.10	280.99	94	8885.10	-672.86	-671.51	187.33	0.42
MWD	96	9030	1.14	293.21	93	8978.08	-672.32	-670.97	185.61	0.26
MWD	97	9055	1.36	291.71	25	9003.07	-672.11	-670.77	185.10	0.89
MWD	98	9090	1.19	295.14	35	9038.06	-671.79	-670.46	184.39	0.53
MWD	99	9184	6.64	359.21	94	9131.83	-665.93	-664.60	183.43	6.61
MWD	100	9279	20.92	357.10	95	9223.86	-643.38	-642.06	182.49	15.04
MWD	101	9373	31.25	352.80	94	9308.18	-602.28	-600.99	178.57	11.17
MWD	102	9467	37.10	354.38	94	9385.91	-549.79	-548.54	172.73	6.29
MWD	103	9561	45.10	359.39	94	9456.71	-488.15	-486.92	169.60	9.20
MWD	104	9656	53.63	0.71	95	9518.52	-416.13	-414.89	169.71	9.04
MWD	105	9748	63.65	0.09	92	9566.34	-337.68	-336.44	170.24	10.91
MWD	106	9842	71.60	1.85	94	9602.09	-250.85	-249.60	171.75	8.63
MWD	107	9936	77.85	2.73	94	9626.85	-160.32	-159.04	175.38	6.71
MWD	108	10031	85.80	3.17	95	9640.35	-66.53	-65.21	180.22	8.38
MWD	109	10126	91.74	2.99	95	9642.38	28.23	29.59	185.32	6.26
MWD	110	10220	95.82	2.02	94	9636.19	121.88	123.28	189.42	4.46
MWD	111	10315	97.01	2.29	95	9625.57	216.19	217.61	192.97	1.28
MWD	112	10410	94.33	1.41	95	9616.19	310.64	312.09	196.02	2.97
MWD	113	10505	90.59	1.67	95	9612.11	405.48	406.95	198.57	3.95
MWD	114	10607	89.14	1.50	102	9612.35	507.42	508.91	201.39	1.43
MWD	115	10702	86.24	0.09	95	9616.18	602.31	603.81	202.71	3.39
MWD	116	10796	87.65	358.77	94	9621.19	696.17	697.67	201.77	2.05
MWD	117	10890	88.13	358.07	94	9624.65	790.09	791.57	199.18	0.90
MWD	118	10984	87.69	358.33	94	9628.08	884.00	885.46	196.23	0.54
MWD	119	11079	87.25	358.86	95	9632.27	978.89	980.34	193.91	0.72
MWD	120	11173	88.57	358.60	94	9635.70	1072.81	1074.25	191.82	1.43
MWD	121	11267	87.56	358.33	94	9638.88	1166.74	1168.16	189.31	1.11
MWD	122	11362	89.54	359.04	95	9641.28	1261.69	1263.10	187.13	2.21
MWD	123	11454	90.51	358.51	92	9641.24	1353.68	1355.08	185.16	1.20
MWD	124	11549	90.59	358.77	95	9640.33	1448.67	1450.05	182.91	0.29
MWD	125	11643	90.99	358.77	94	9639.03	1542.65	1544.01	180.89	0.43
MWD	126	11738	88.48	359.65	95	9639.47	1637.64	1639.00	179.58	2.80
MWD	127	11833	85.67	358.69	95	9644.32	1732.50	1733.85	178.21	3.13
MWD	128	11928	88.26	0.44	95	9649.35	1827.35	1828.70	177.49	3.29
MWD	129	12023	87.96	0.79	95	9652.48	1922.29	1923.65	178.51	0.49
MWD	130	12117	91.52	0.36	94	9652.91	2016.26	2017.63	179.45	3.81
MWD	131	12212	91.78	1.23	95	9650.17	2111.19	2112.58	180.77	0.96
MWD	132	12306	89.89	0.97	94	9648.80	2205.15	2206.54	182.57	2.03
MWD	133	12400	90.11	358.07	94	9648.80	2299.14	2300.53	181.78	3.09
MWD	134	12496	86.42	356.22	96	9651.71	2394.99	2396.35	177.01	4.30
MWD	135	12591	91.25	355.96	95	9653.64	2489.76	2491.08	170.53	5.09
MWD	136	12683	94.37	358.42	92	9649.13	2581.55	2582.84	166.03	4.32
MWD	137	12777	95.38	358.42	94	9641.14	2675.19	2676.46	163.44	1.07
MWD	138	12871	91.60	358.95	94	9635.42	2768.99	2770.25	161.29	4.06

MWD	139	**12902**	**91.60**	**359.39**	31	9634.55	2799.98	2801.23	160.84	1.42
MWD	140	**12997**	**87.21**	**359.12**	95	9635.54	2894.95	2896.19	159.61	4.63
MWD	141	**13090**	**86.59**	**358.86**	93	9640.57	2987.80	2989.04	157.97	0.72
MWD	142	**13184**	**88.00**	**359.39**	94	9645.01	3081.69	3082.92	156.54	1.60
MWD	143	**13279**	**88.57**	**359.39**	95	9647.85	3176.65	3177.88	155.53	0.60
MWD	144	**13373**	**88.13**	**4.66**	94	9650.56	3270.49	3271.74	158.85	5.62
MWD	145	**13468**	**91.12**	**6.68**	95	9651.18	3364.94	3366.26	168.23	3.80
MWD	146	**13562**	**93.67**	**3.69**	94	9647.25	3458.39	3459.78	176.72	4.18
MWD	147	**13654**	**93.67**	**1.50**	92	9641.36	3550.07	3551.49	180.87	2.38
MWD	148	**13748**	**93.63**	**1.76**	94	9635.38	3643.82	3645.26	183.54	0.28
MWD	149	**13841**	**91.91**	**0.44**	93	9630.88	3736.67	3738.13	185.33	2.33
MWD	150	**13934**	**88.66**	**357.63**	93	9630.42	3829.64	3831.09	183.76	4.62
MWD	151	**14029**	**90.02**	**357.63**	95	9631.51	3924.58	3926.00	179.83	1.43
MWD	152	**14122**	**88.00**	**356.66**	93	9633.12	4017.48	4018.87	175.20	2.41
MWD	153	**14217**	**87.78**	**357.02**	95	9636.62	4112.30	4113.66	169.97	0.44
MWD	154	**14311**	**86.99**	**356.75**	94	9640.91	4206.10	4207.42	164.86	0.89
MWD	155	**14405**	**87.16**	**358.25**	94	9645.70	4299.91	4301.21	160.77	1.60
MWD	156	**14498**	**91.08**	**358.69**	93	9647.13	4392.87	4394.14	158.29	4.24
MWD	157	**14593**	**91.87**	**358.95**	95	9644.69	4487.83	4489.09	156.33	0.88
MWD	158	**14687**	**92.09**	**357.02**	94	9641.44	4581.73	4582.97	153.03	2.07
MWD	159	**14780**	**91.16**	**355.26**	93	9638.80	4674.52	4675.72	146.77	2.14
MWD	160	**14874**	**88.84**	**355.17**	94	9638.80	4768.24	4769.39	138.93	2.47
MWD	161	**14968**	**88.97**	**357.54**	94	9640.60	4862.07	4863.17	132.96	2.52
MWD	162	**15063**	**89.89**	**0.62**	95	9641.54	4957.05	4958.14	131.43	3.38
MWD	163	**15158**	**89.93**	**1.23**	95	9641.69	5052.02	5053.13	132.96	0.64
MWD	164	**15254**	**90.51**	**1.32**	96	9641.32	5147.98	5149.10	135.10	0.61
MWD	165	**15348**	**91.38**	**1.41**	94	9639.77	5241.92	5243.06	137.34	0.93
MWD	166	**15443**	**93.36**	**1.76**	95	9635.85	5336.77	5337.94	139.96	2.12
MWD	167	**15536**	**91.52**	**0.79**	93	9631.89	5429.64	5430.83	142.03	2.24
MWD	168	**15630**	**90.68**	**0.62**	94	9630.08	5523.61	5524.80	143.19	0.91
MWD	169	**15723**	**89.01**	**358.86**	93	9630.33	5616.60	5617.80	142.77	2.61
MWD	170	**15817**	**88.18**	**358.60**	94	9632.64	5710.56	5711.74	140.68	0.93
MWD	171	**15911**	**89.27**	**0.18**	94	9634.73	5804.53	5805.71	139.68	2.04
MWD	172	**16004**	**90.46**	**1.15**	93	9634.95	5897.51	5898.70	140.76	1.65
MWD	173	**16099**	**89.23**	**0.79**	95	9635.21	5992.48	5993.69	142.37	1.35
MWD	174	**16193**	**88.97**	**0.18**	94	9636.68	6086.46	6087.67	143.17	0.71
MWD	175	**16287**	**88.62**	**0.36**	94	9638.66	6180.43	6181.65	143.61	0.42
MWD	176	**16381**	**91.25**	**359.65**	94	9638.77	6274.42	6275.64	143.62	2.90
MWD	177	**16475**	**88.26**	**358.69**	94	9639.17	6368.40	6369.62	142.26	3.34
MWD	178	**16570**	**91.03**	**359.30**	95	9639.76	6463.39	6464.59	140.59	2.99
MWD	179	**16665**	**88.84**	**358.07**	95	9639.86	6558.37	6559.56	138.41	2.64
MWD	180	**16759**	**92.44**	**0.62**	94	9638.81	6652.34	6653.52	137.33	4.69
MWD	181	**16851**	**93.71**	**1.94**	92	9633.88	6744.16	6745.36	139.39	1.99
MWD	182	**16945**	**93.89**	**1.15**	94	9627.65	6837.90	6839.12	141.92	0.86
MWD	183	**17040**	**90.42**	**1.06**	95	9624.08	6932.78	6934.02	143.75	3.65
MWD	184	**17131**	**90.20**	**0.62**	91	9623.58	7023.76	7025.01	145.08	0.54
MWD	185	**17226**	**89.98**	**0.88**	95	9623.44	7118.74	7120.00	146.32	0.36
MWD	186	**17320**	**88.18**	**1.15**	94	9624.94	7212.69	7213.97	147.99	1.94
MWD	187	**17413**	**90.42**	**2.02**	93	9626.08	7305.62	7306.92	150.56	2.58
MWD	188	**17506**	**89.63**	**0.53**	93	9626.04	7398.58	7399.90	152.63	1.81
MWD	189	**17600**	**89.36**	**0.27**	94	9626.87	7492.56	7493.89	153.29	0.40
MWD	190	**17694**	**89.98**	**0.88**	94	9627.41	7586.55	7587.88	154.23	0.93
MWD	191	**17789**	**91.47**	**1.06**	95	9626.21	7681.51	7682.86	155.84	1.58
MWD	192	**17883**	**91.87**	**0.71**	94	9623.47	7775.45	7776.81	157.29	0.57
MWD	193	**17977**	**93.19**	**0.18**	94	9619.32	7869.34	7870.71	158.02	1.51
MWD	194	**18071**	**91.82**	**357.72**	94	9615.21	7963.24	7964.60	156.30	2.99
MWD	195	**18166**	**90.51**	**357.45**	95	9613.28	8058.16	8059.49	152.29	1.41
MWD	196	**18260**	**90.51**	**356.84**	94	9612.44	8152.07	8153.37	147.61	0.65
MWD	197	**18355**	**88.18**	**356.58**	95	9613.53	8246.94	8248.20	142.16	2.47
MWD	198	**18450**	**87.74**	**356.31**	95	9616.91	8341.73	8342.96	136.27	0.54
MWD	199	**18544**	**87.38**	**356.05**	94	9620.91	8435.48	8436.66	130.02	0.47
MWD	200	**18639**	**88.48**	**356.22**	95	9624.34	8530.25	8531.38	123.62	1.17
MWD	201	**18733**	**90.24**	**358.69**	94	9625.39	8624.17	8625.27	119.45	3.23
MWD	202	**18827**	**89.89**	**359.30**	94	9625.29	8718.16	8719.26	117.80	0.75
MWD	203	**18922**	**89.98**	**359.30**	95	9625.39	8813.16	8814.25	116.64	0.09
MWD	204	**19016**	**90.68**	**358.86**	94	9624.85	8907.15	8908.24	115.13	0.88
MWD	205	**19110**	**91.74**	**358.42**	94	9622.87	9001.12	9002.19	112.90	1.22
MWD	206	**19205**	**92.92**	**358.42**	95	9619.01	9096.02	9097.07	110.28	1.24
MWD	207	**19299**	**91.65**	**358.86**	94	9615.26	9189.93	9190.97	108.05	1.43
MWD	208	**19394**	**91.16**	**359.21**	95	9612.93	9284.89	9285.92	106.45	0.63
MWD	209	**19488**	**89.89**	**359.04**	94	9612.07	9378.89	9379.91	105.01	1.36
MWD	210	**19582**	**87.82**	**359.56**	94	9613.95	9472.86	9473.88	103.87	2.27
MWD	211	**19676**	**88.13**	**359.74**	94	9617.27	9566.80	9567.82	103.29	0.38
MWD	212	**19770**	**88.79**	**359.21**	94	9619.79	9660.77	9661.78	102.43	0.90
MWD	213	**19840**	**88.88**	**358.86**	70	9621.22	9730.75	9731.75	101.25	0.52
PTB	214	**19907**	**88.88**	**358.86**	67	9622.53	9797.73	9798.73	99.92	0.00

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

Form C-103
August 1, 2011

Permit 301699

WELL API NUMBER: 30-025-47463

5. Indicate Type of Lease: S

6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

7. Lease Name or Unit Agreement Name: POSEIDON STATE COM

1. Type of Well: O

8. Well Number: 172H

2. Name of Operator: TAP ROCK OPERATING, LLC

9. OGRID Number: 372043

3. Address of Operator: 523 Park Point Drive, Suite 200, Golden, CO 80401

10. Pool name or Wildcat

4. Well Location
Unit Letter N : 723 feet from the S line and feet 1988 from the W line
Section 9 Township 24S Range 33E NMPM _____ County Lea

11. Elevation (Show whether DR, KB, BT, GR, etc.)
3600 GR

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit Type _____ Depth to Groundwater_____ Distance from nearest fresh water well_____ Distance from nearest surface water_____

Pit Liner Thickness:_____ mil Below-Grade Tank: Volume_____ bbls; Construction Material_____

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☐	REMEDIAL WORK	☐	ALTER CASING	☐
TEMPORARILY ABANDON	☐	CHANGE OF PLANS	☐	COMMENCE DRILLING OPNS.	☐	PLUG AND ABANDON	☐
PULL OR ALTER CASING	☐	MULTIPLE COMPL	☐	CASING/CEMENT JOB	☐		
Other:				Other: **Perforations/Tubing**			☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work.) SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

8/13/2021: Pressure test casing to 5090 psi for 30 minutes, good test. 8/13/2021 to 9/14/2021: Perforate from 9753 ft to 19755 ft, 1 SPF, .55 inch holes with 507 total shots. 39 stage frac with 24,754,535 lbs of 100 mesh sand. 9/23/2021 to 9/24/2021: Drill out plugs 9/25/2021: Ready to produce

Perforations

Pool: TRIPLE X; BONE SPRING, WEST , 96674 Location: C -4-24S-33E 30 N 2182 W

TOP	BOT	Open Hole	Shots/ft	Shot Size	Material	Stimulation	Amount
9753	14660	N	1	0.55	Sand	Frac	24754535

Pool: TRIPLE X; BONE SPRING , 59900 Location: N -4-24S-33E 30 N 2182 W

TOP	BOT	Open Hole	Shots/ft	Shot Size	Material	Stimulation	Amount
14660	19755	N	1	0.55	Sand	Frac	24754535

Tubing

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE	Electronically Signed	TITLE	Regulatory Manager	DATE	9/30/2021
Type or print name	Christian Combs	E-mail address	ccombs@taprk.com	Telephone No.	720-360-4028

For State Use Only:

APPROVED BY:	Kurt Simmons	TITLE	Petroleum Specialist - A	DATE	10/1/2021 10:44:51 AM

Submit To Appropriate District Office
Two Copies
District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-105
Revised April 3, 2017

1. WELL API NO. 30-025-47463
2. Type of Lease ■ STATE ☐ FEE ☐ FED/INDIAN
3. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

4. Reason for filing:

■ **COMPLETION REPORT** (Fill in boxes #1 through #31 for State and Fee wells only)

☐ **C-144 CLOSURE ATTACHMENT** (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)

5. Lease Name or Unit Agreement Name: Poseidon State Com
6. Well Number: 172H

7. Type of Completion: ☑ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER

8. Name of Operator: TAP ROCK OPERATING, LLC
9. OGRID: 372043
10. Address of Operator: 523 PARK POINT DRIVE, SUITE 200, GOLDEN, CO
11. Pool name or Wildcat: TRIPLE X; BONE SPRING pool [59900]; Triple X Bonespring West

12.Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	N	9	24-S	33-E	-	723'	S	1988'	W	LEA
BH:	3	4	24-S	33-E	-	31'	N	2160'	W	LEA

13. Date Spudded	14. Date T.D. Reached	15. Date Rig Released	16. Date Completed (Ready to Produce)	17. Elevations (DF and RKB, RT, GR, etc.)
6/11/2021	7/17/2021	7/20/2021	9/25/2021	3600 GR

18. Total Measured Depth of Well	19. Plug Back Measured Depth	20. Was Directional Survey Made?	21. Type Electric and Other Logs Run
19907'	19840'	YES	GAMMA

22. Producing Interval(s), of this completion - Top, Bottom, Name: 9753' - 19755' TRIPLE X; BONE SPRING pool [59900]; Triple X Bonespring West

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13.375"	54.5	1335'	17.5"	935 SKS	0
9.625"	40	5280'	12.25"	1157 SKS	0
5.5"	20	19887'	6.75"	1338 SKS	0

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET

26. Perforation record (interval, size, and number)

Perforate from 9753 ft to 19755 ft, 1 SPF, .55 inch holes with 507 total shots

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
9753' - 19755'	39 stage frac with 24,754,535 lbs of 100 mesh sand

28. PRODUCTION

Date First Production	Production Method *(Flowing, gas lift, pumping - Size and type pump)*	Well Status *(Prod. or Shut-in)*
09/29/2021	FLOWING	PRODUCING

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
10/10/2021	24 HRS	46/64		2112	2665	2732	1262

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - *(Corr.)*
0	900		2112	2665	2732	

29. Disposition of Gas *(Sold, used for fuel, vented, etc.)*: SOLD
30. Test Witnessed By:
31. List Attachments: Directional Survey, C-102 As Drilled
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.
33. Rig Release Date:
34. If an on-site burial was used at the well, report the exact location of the on-site burial:

Latitude Longitude NAD83

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature  Printed Name Bill Ramsey Title Regulatory Analyst Date 2/14/2024

E-mail Address bramsey@ta

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	

OIL OR GAS SANDS OR ZONES

No. 1, from……..……..…to……. No. 3, from……to……..……

No. 2, from……to…… No. 4, from……to…….

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from…….to……feet……

No. 2, from…….to……feet……

No. 3, from…….to……feet……

LITHOLOGY RECORD (Attach additional sheet if necessary)

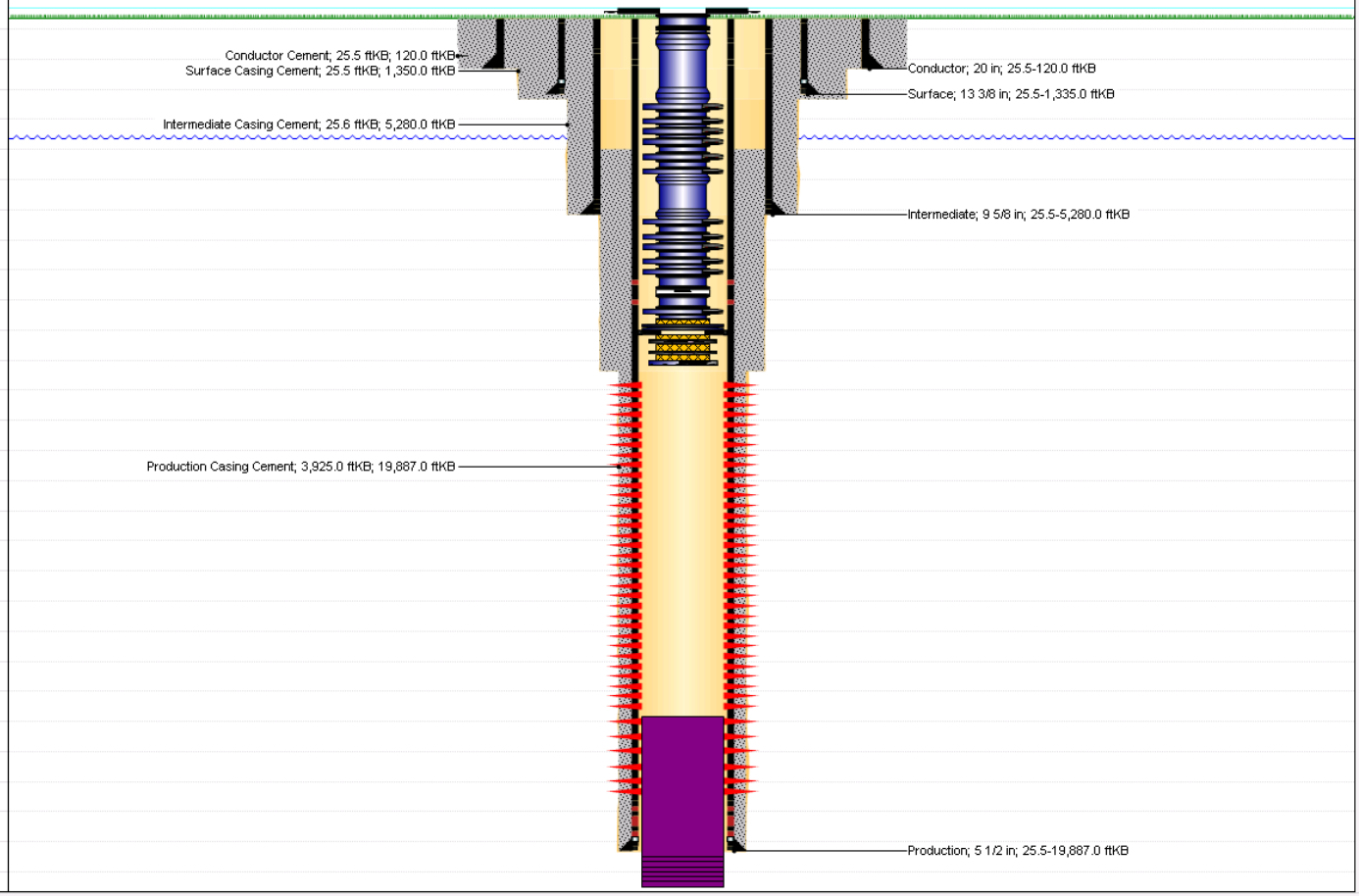
From	To	Thickness In Feet	Lithology		From	To	Thickness In Feet	Lithology
535	1747		Rustler					
1747	4858		Top of Salt					
4858	5080		Base of Salt					
5080	5147		Delaware					
5147	6141		Bell Canyon					
6141	7671		Cherry Canyon					
7671	9142		Brushy Canyon					
9142	9289		Bronespring Lime					
9289			Avalon					

Tap Rock Operating, LLC

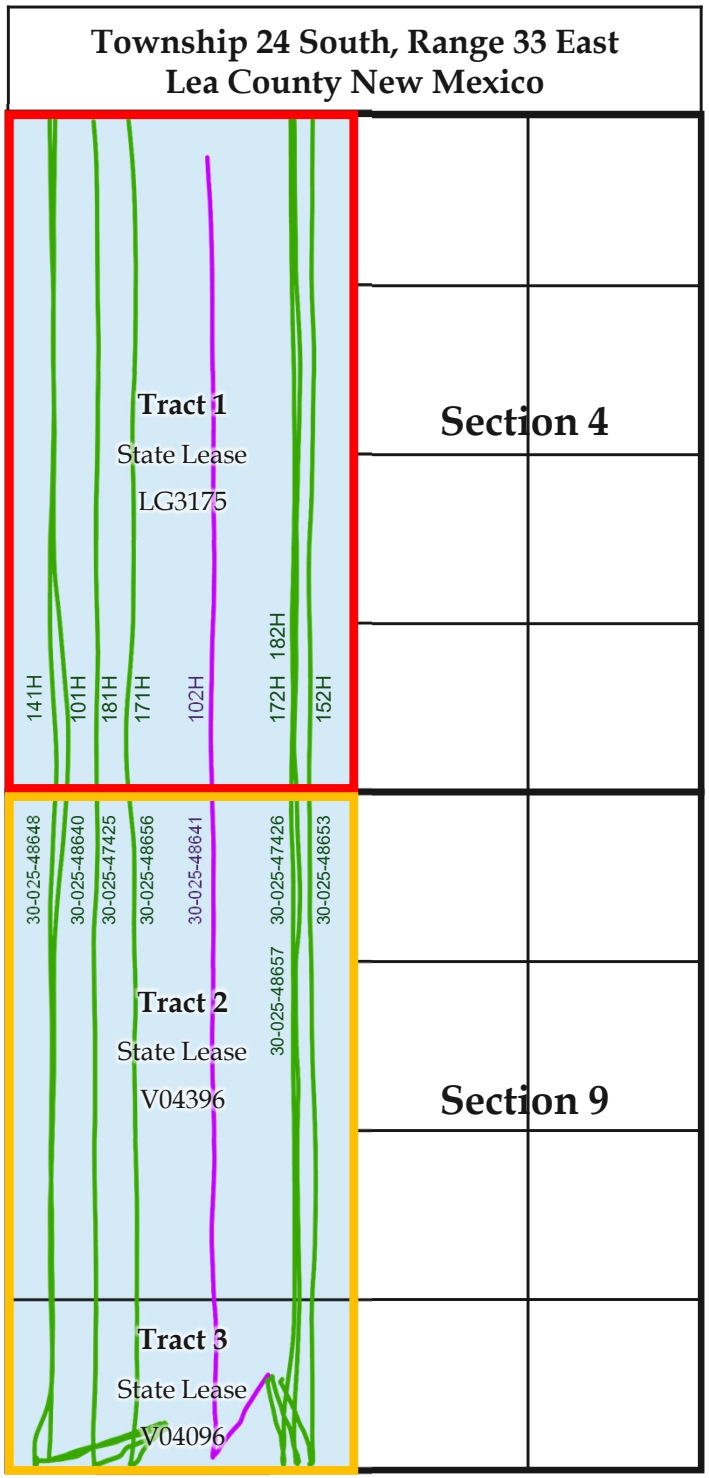
Poseidon State Com 172H Wellbore Diagram

Original Hole, 4/14/2022 7:58:48 AM

MD (ftKB)	Incl (°)	TVD (ftKB)
33.1	1.1	33.2
99.1	1.1	99.1
1,333.3	0.9	1,333.3
2,435.0	7.0	2,433.8
3,924.9	8.1	3,908.1
5,154.9	8.8	5,119.7
5,278.5	7.8	5,242.2
6,404.5	5.2	6,355.3
8,360.6	1.3	8,308.8
8,933.4	1.1	8,881.5
9,005.9	1.1	8,954.0
9,029.2	1.1	8,977.3
9,993.1	82.6	9,635.0
10,773.0	87.3	9,620.0
11,551.8	90.6	9,640.3
12,332.0	90.0	9,648.8
13,111.9	86.9	9,641.6
13,891.1	90.2	9,630.6
14,670.9	92.1	9,642.0
15,451.1	93.2	9,635.5
16,230.0	88.8	9,637.5
17,009.8	91.5	9,625.2
17,790.0	91.5	9,626.2
18,330.1	88.8	9,613.2
18,849.1	89.9	9,625.3
19,369.1	91.3	9,613.5
19,796.6	88.8	9,620.3
19,842.2	88.9	9,621.3
62,660.8	88.9	10,458.2



Poseidon



State Acreage

Triple X Bone Spring Pool

Triple X Bone Spring West Pool

Defining Bone Spring Poseidon Well

Poseidon Bone Spring Wells

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

ACKNOWLEDGMENTS

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 314478
	Action Type: [C-104] Completion Packet (C-104C)

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.

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CONDITIONS

Action 314478

CONDITIONS

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 314478
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
smcgrath	None	3/6/2024