TAMBORA 36-35 FED COM 332H

1. Geologic Formations

TVD of target	10900	Pilot hole depth	N/A
MD at TD:	21282	Deepest expected fresh water	

Basin

Formation	Depth (TVD) from KB	Water/Mineral Bearing/Target Zone?	Hazards*
Rustler	167		
Salt	356		
Base of Salt	1569		
Capitan Reef Top	2036		
Delaware	3874		
Cherry Canyon	3964		
Brushy Canyon	4882		
1st Bone Spring Lime	6509		
Bone Spring 1st	7621		
Bone Spring 2nd	8355		
3rd Bone Spring Lime	8663		
Bone Spring 3rd	9403		
Wolfcamp	9830		

*H2S, water flows, loss of circulation, abnormal pressures, etc.

2. Casing Program (Primary Design)

Hole Size	Csg. Size	Wt (PPF)	Grade	Conn	Top (MD)	Bottom (MD)	Top (TVD)	Bottom (TVD)
17 1/2	13 3/8	54.5	J-55	BTC	0.0	192 MD	0	192 TVD
12 1/4	10 3/4	45.5	J-55	BTC SCC	0.0	1986 MD	0	1986 TVD
9 7/8	8 5/8	32.0	P110EC	Sprint FJ	0	10362	0	10362
7 7/8	5 1/2	17.0	P110	DWC/C IS+	0	21282 MD	0	10900 TVD

• All casing strings will be tested in accordance with Onshore Oil and Gas Order #2 IILB.1.h Must have table for contingency casing.
• The Rustler top will be validated via drilling parameters (i.e. reduction in ROP), and the surface casing setting depth will be revised accordingly. In addition, surface casing will be set a minimum of 25' above the top of the salt.

3. Cementing Program (Primary Design)

Casing	# Sks	TOC	Wt. (lb/gal)	Yld (ft3/sack)	Slurry Description
Surface	177	Surf	13.2	1.44	Lead: Class C Cement + additives
Int	111	Surf	9	3.27	Lead: Class C Cement + additives
	101	1486	13.2	1.44	Tail: Class H / C + additives
Int 1	84	Surf	9	3.27	Lead: Class C Cement + additives
	958	2036	13.2	1.44	Tail: Class H / C + additives
Int 1 Intermediate Squeeze	191	Surf	9	1.44	Squeeze Lead: Class C Cement + additives
	84	Surf	9	3.27	Lead: Class C Cement + additives
	958	2036	13.2	1.44	Tail: Class H / C + additives
Production	122	8362	9	3.27	Lead: Class H /C + additives
	1432	10462	13.2	1.44	Tail: Class H / C + additives

Assuming no returns are established while drilling, Devon requests to pump a two stage cement job on the intermediate 1 casing string with the first stage being pumped conventionally with the calculated top of cement at the Capitan Reef and the second stage performed as a bradenhead squeeze with planned cement from the Capitan Reef to surface. The final cement top will be verified by Echo-meter. Devon will include theEcho-meter verified fluid top and the volume of displacement fluid above the cement slurry in the annulus in all post-drill sundries on wells utilizing this cement program.

Devon Energy requests to offline cement on intermediate strings that are set in formations shallower than the Wolfcamp. Prior to commencing offline cementing operations, the well will be monitored for any abnormal pressures and confirmed to be static. A dual manifold system (equipped with chokes) for the returns will also be utilized as a redundancy. All equipment used for offline cementing will have a minimum 5M rating to match intermediate sections' 5M BOPE requirements.

Casing String	% Excess
Surface	50%
Intermediate and Intermediate 1	30%
Intermediate 1 (Two Stage)	25%
Prod	10%

4. Pressure Control Equipment (Four String Design)

BOP installed and tested before drilling which hole?	Size?	Min. Required WP	Type	✓	Tested to:
Int	13-5/8"	5M	Annular	X	50% of rated working pressure
			Blind Ram	X	5M
			Pipe Ram		
			Double Ram	X	
			Other*		
Int 1	13-5/8"	5M	Annular (5M)	X	100% of rated working pressure
			Blind Ram	X	5M
			Pipe Ram		
			Double Ram	X	
			Other*		
Production	13-5/8"	5M	Annular (5M)	X	100% of rated working pressure
			Blind Ram	X	5M
			Pipe Ram		
			Double Ram	X	
			Other*		
N	A variance is requested for the use of a diverter on the surface casing. See attached for schematic.				
N	A variance is requested to run a 5 M annular on a 10M system				

5. Mud Program (Four String Design)

Section	Type	Weight (ppg)
Surface	WBM	8.5-9
Intermediate	DBE / Cut Brine	10-10.5
Intermediate 1	WBM	8.5-9
Production	OBM	10-10.5

Sufficient mud materials to maintain mud properties and meet minimum lost circulation and weight increase requirements will be kept on location at all times.

What will be used to monitor the loss or gain of fluid?	PVT/Pason/Visual Monitoring

6. Logging and Testing Procedures

Logging, Coring and Testing	
X	Will run GR/CNL from TD to surface (horizontal well - vertical portion of hole). Stated logs run will be in the Completion Rpeort and sbumitted to the BLM.
	No logs are planned based on well control or offset log information.
	Drill stem test? If yes, explain.
	Coring? If yes, explain.

Additional logs planned		Interval
	Resistivity	Int. shoe to KOP
	Density	Int. shoe to KOP
X	CBL	Production casing
X	Mud log	Intermediate shoe to TD
	PEX	

7. Drilling Conditions

Condition	Specfiy what type and where?
BH pressure at deepest TVD	5951
Abnormal temperature	No

Mitigation measure for abnormal conditions. Describe. Lost circulation material/sweeps/mud scavengers.

Hydrogren Sulfide (H2S) monitors will be installed prior to drilling out the surface shoe. If H2S is detected in concentrations greater than 100 ppm, the operator will comply with the provisions of Onshore Oil and Gas Order #6. If Hydrogen Sulfide is encountered measured values and formations will be provided to the BLM.	
N	H2S is present
Y	H2S plan attached.

8. Other facets of operation

Is this a walking operation? Potentially

1 If operator elects, drilling rig will batch drill the surface holes and run/cement surface casing; walking the rig to next wells on the pad.
2 The drilling rig will then batch drill the intermediate sections and run/cement intermediate casing; the wellbore will be isolated with a blind flange and pressure gauge installed for monitoring the well before walking to the next well.
3 The drilling rig will then batch drill the production hole sections on the wells with OBM, run/cement production casing, and install TA caps or tubing heads for completions.

NOTE: During batch operations the drilling rig will be moved from well to well however, it will not be removed from the pad until all wells have production casing run/cemented.

Will be pre-setting casing? Potentially

1 Spudder rig will move in and batch drill surface hole.
   a. Rig will utilize fresh water based mud to drill surface hole to TD. Solids control will be handled entirely on a closed loop basis.,
2 After drilling the surface hole section, the spudder rig will run casing and cement following all of the applicable rules and regulations (OnShore Order 2, all COAs and NMOCD regulations).
3 The wellhead will be installed and tested once the surface casing is cut off and the WOC time has been reached.
4 A blind flange with the same pressure rating as the wellhead will be installed to seal the wellbore. Pressure will be monitored with a pressure gauge installed on the wellhead.
5 Spudder rig operations is expected to take 4-5 days per well on a multi-well pa.
6 The NMOCD will be contacted and notified 24 hours prior to commencing spudder rig operations.
7 Drilling operations will be performed with drilling rig. A that time an approved BOP stack will be nippled up and tested on the wellhead before drilling operations commences on each well.
   a. The NMOCD will be contacted / notified 24 hours before the drilling rig moves back on to the pad with the pre-set surface casing.

Attachments

X Directional Plan
_____ Other, describe

Offline Cementing

Variance Request

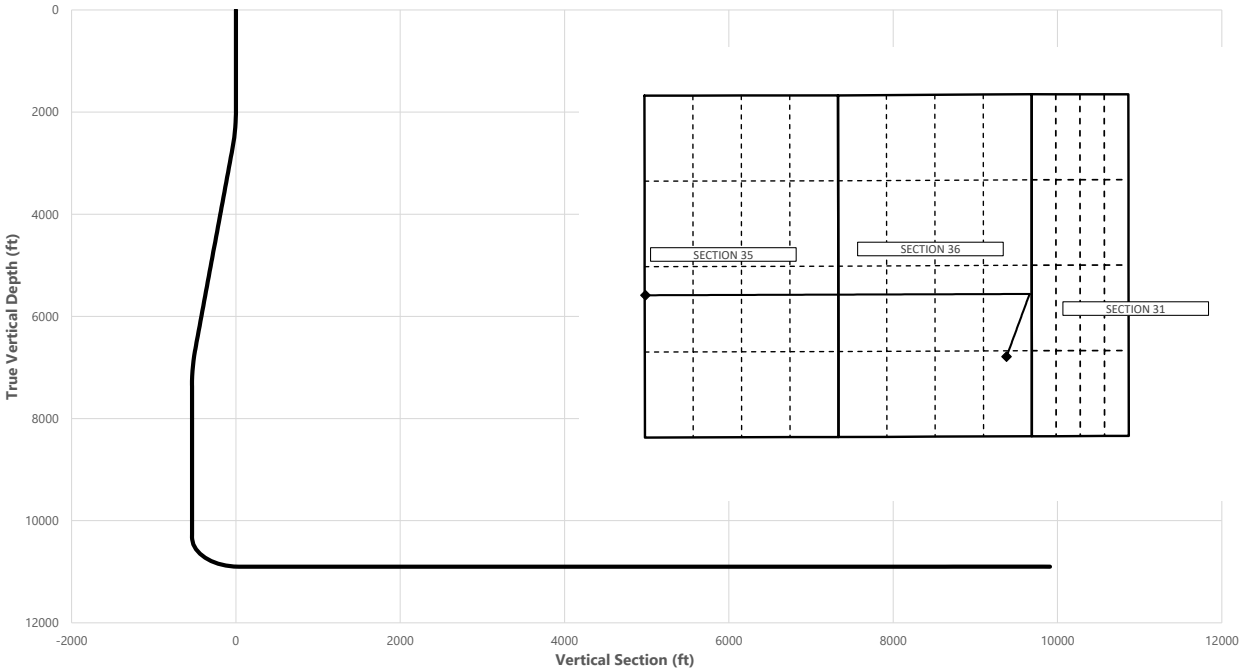
Devon Energy requests to offline cement on intermediate 1 strings that are set in formations shallower than the Wolfcamp. Prior to commencing offline cementing operations, the well will be monitored for any abnormal pressures and confirmed to be static. A dual manifold system (equipped with chokes) for the returns will also be utilized as a redundancy. All equipment used for offline cementing will have a minimum 5M rating to match intermediate sections' 5M BOPE requirements.

devon

Well: TAMBORA 36-35 FED COM 332H
County: Eddy
Wellbore: Permit Plan
Design: Permit Plan #1

Geodetic System: US State Plane 1983
Datum: North American Datum 1927
Ellipsoid: Clarke 1866
Zone: 3001 - NM East (NAD83)

MD (ft)	INC (°)	AZI (°)	TVD (ft)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Comment
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	SHL
2000.00	0.00	33.00	2000.00	0.00	0.00	0.00	0.00	Start Tangent
2700.00	14.00	33.00	2693.06	71.37	46.35	-39.30	2.00	Hold Tangent
6774.46	14.00	33.00	6646.49	898.05	583.20	-494.48	0.00	Drop to Vertical
7474.46	0.00	33.00	7339.54	969.41	629.54	-533.78	2.00	Hold Vertical
10461.96	0.00	269.89	10327.04	969.41	629.54	-533.78	0.00	KOP
11361.96	90.00	269.89	10900.00	968.31	56.59	36.44	10.00	Landing Point
21281.59	90.00	269.89	10900.00	949.27	-9863.02	9908.60	0.00	BHL



Key Depths	MD (ft)	TVD (ft)
Rustler	167.00	167.00
Salt	356.00	356.00
Base of Salt	1569.00	1569.00
Capitan Reef Top	2036.00	2036.00
Delaware	3917.10	3874.00
Cherry Canyon	4009.85	3964.00
Brushy Canyon	4955.96	4882.00
1st Bone Spring Lime	6632.76	6509.00
Bone Spring 1st	7755.92	7621.00
Bone Spring 2nd	8489.92	8355.00
3rd Bone Spring Lime	8797.92	8663.00
Bone Spring 3rd	9537.92	9403.00
Wolfcamp / Point of Penetration	9964.92	9830.00
exit	21201.59	10900.01

	MD (ft)	TVD (ft)	Lat (°)	Long (°)	Section Footages
SHL	0.00	0.00	32.5259	-104.0223	1232' FSL, 690' FEL of Sec 36 in T20S, R29E
KOP	10461.96	10327.04	32.5286	-104.0203	2200' FSL, 59' FEL of Sec 36 in T20S, R29E
Point of Penetration	9964.92	9830.00	32.5286	-104.0203	2200' FSL, 100' FEL of Sec 36 in T20S, R29E
Exit	21201.59	10900.01	32.5287	-104.0372	2200' FSL, 100' FWL of Sec 35 in T20S, R29E
BHL	21281.59	10900.00	32.5286	-104.0543	2200' FSL, 20' FWL of Sec 35 in T20S, R29E

	Y	X
KOP	556194.9	637842

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MD (ft)	INC (°)	AZI (°)	TVD (ft)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Comment
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	SHL
100.00	0.00	33.00	100.00	0.00	0.00	0.00	0.00	
167.00	0.00	33.00	167.00	0.00	0.00	0.00	0.00	Rustler
200.00	0.00	33.00	200.00	0.00	0.00	0.00	0.00	
300.00	0.00	33.00	300.00	0.00	0.00	0.00	0.00	
356.00	0.00	33.00	356.00	0.00	0.00	0.00	0.00	Salt
400.00	0.00	33.00	400.00	0.00	0.00	0.00	0.00	
500.00	0.00	33.00	500.00	0.00	0.00	0.00	0.00	
600.00	0.00	33.00	600.00	0.00	0.00	0.00	0.00	
700.00	0.00	33.00	700.00	0.00	0.00	0.00	0.00	
800.00	0.00	33.00	800.00	0.00	0.00	0.00	0.00	
900.00	0.00	33.00	900.00	0.00	0.00	0.00	0.00	
1000.00	0.00	33.00	1000.00	0.00	0.00	0.00	0.00	
1100.00	0.00	33.00	1100.00	0.00	0.00	0.00	0.00	
1200.00	0.00	33.00	1200.00	0.00	0.00	0.00	0.00	
1300.00	0.00	33.00	1300.00	0.00	0.00	0.00	0.00	
1400.00	0.00	33.00	1400.00	0.00	0.00	0.00	0.00	
1500.00	0.00	33.00	1500.00	0.00	0.00	0.00	0.00	
1569.00	0.00	33.00	1569.00	0.00	0.00	0.00	0.00	Base of Salt
1600.00	0.00	33.00	1600.00	0.00	0.00	0.00	0.00	
1700.00	0.00	33.00	1700.00	0.00	0.00	0.00	0.00	
1800.00	0.00	33.00	1800.00	0.00	0.00	0.00	0.00	
1900.00	0.00	33.00	1900.00	0.00	0.00	0.00	0.00	
2000.00	0.00	33.00	2000.00	0.00	0.00	0.00	0.00	Start Tangent
2036.00	0.72	33.00	2036.00	0.19	0.12	-0.10	2.00	Capitan Reef Top
2100.00	2.00	33.00	2099.98	1.46	0.95	-0.81	2.00	
2200.00	4.00	33.00	2199.84	5.85	3.80	-3.22	2.00	
2300.00	6.00	33.00	2299.45	13.16	8.55	-7.25	2.00	
2400.00	8.00	33.00	2398.70	23.38	15.18	-12.87	2.00	
2500.00	10.00	33.00	2497.47	36.50	23.70	-20.10	2.00	
2600.00	12.00	33.00	2595.62	52.50	34.10	-28.91	2.00	
2700.00	14.00	33.00	2693.06	71.37	46.35	-39.30	2.00	Hold Tangent
2800.00	14.00	33.00	2790.08	91.66	59.52	-50.47	0.00	
2900.00	14.00	33.00	2887.11	111.95	72.70	-61.64	0.00	
3000.00	14.00	33.00	2984.14	132.24	85.87	-72.81	0.00	
3100.00	14.00	33.00	3081.17	152.52	99.05	-83.98	0.00	
3200.00	14.00	33.00	3178.20	172.81	112.23	-95.16	0.00	
3300.00	14.00	33.00	3275.23	193.10	125.40	-106.33	0.00	
3400.00	14.00	33.00	3372.26	213.39	138.58	-117.50	0.00	
3500.00	14.00	33.00	3469.29	233.68	151.75	-128.67	0.00	
3600.00	14.00	33.00	3566.32	253.97	164.93	-139.84	0.00	
3700.00	14.00	33.00	3663.35	274.26	178.11	-151.01	0.00	
3800.00	14.00	33.00	3760.38	294.55	191.28	-162.19	0.00	
3900.00	14.00	33.00	3857.41	314.84	204.46	-173.36	0.00	
3917.10	14.00	33.00	3874.00	318.31	206.71	-175.27	0.00	Delaware
4000.00	14.00	33.00	3954.44	335.13	217.63	-184.53	0.00	
4009.85	14.00	33.00	3964.00	337.13	218.93	-185.63	0.00	Cherry Canyon
4100.00	14.00	33.00	4051.47	355.42	230.81	-195.70	0.00	
4200.00	14.00	33.00	4148.50	375.71	243.99	-206.87	0.00	
4300.00	14.00	33.00	4245.53	396.00	257.16	-218.04	0.00	
4400.00	14.00	33.00	4342.56	416.29	270.34	-229.22	0.00	
4500.00	14.00	33.00	4439.59	436.57	283.51	-240.39	0.00	
4600.00	14.00	33.00	4536.62	456.86	296.69	-251.56	0.00	
4700.00	14.00	33.00	4633.65	477.15	309.87	-262.73	0.00	
4800.00	14.00	33.00	4730.68	497.44	323.04	-273.90	0.00	
4900.00	14.00	33.00	4827.71	517.73	336.22	-285.07	0.00	
4955.96	14.00	33.00	4882.00	529.08	343.59	-291.32	0.00	Brushy Canyon
5000.00	14.00	33.00	4924.74	538.02	349.39	-296.25	0.00	
5100.00	14.00	33.00	5021.77	558.31	362.57	-307.42	0.00	
5200.00	14.00	33.00	5118.79	578.60	375.75	-318.59	0.00	
5300.00	14.00	33.00	5215.82	598.89	388.92	-329.76	0.00	
5400.00	14.00	33.00	5312.85	619.18	402.10	-340.93	0.00	
5500.00	14.00	33.00	5409.88	639.47	415.27	-352.10	0.00	
5600.00	14.00	33.00	5506.91	659.76	428.45	-363.28	0.00	
5700.00	14.00	33.00	5603.94	680.05	441.63	-374.45	0.00	
5800.00	14.00	33.00	5700.97	700.34	454.80	-385.62	0.00	
5900.00	14.00	33.00	5798.00	720.62	467.98	-396.79	0.00	
6000.00	14.00	33.00	5895.03	740.91	481.15	-407.96	0.00	
6100.00	14.00	33.00	5992.06	761.20	494.33	-419.13	0.00	
6200.00	14.00	33.00	6089.09	781.49	507.51	-430.31	0.00	

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MD (ft)	INC (°)	AZI (°)	TVD (ft)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Comment
6300.00	14.00	33.00	6186.12	801.78	520.68	-441.48	0.00	
6400.00	14.00	33.00	6283.15	822.07	533.86	-452.65	0.00	
6500.00	14.00	33.00	6380.18	842.36	547.03	-463.82	0.00	
6600.00	14.00	33.00	6477.21	862.65	560.21	-474.99	0.00	
6632.76	14.00	33.00	6509.00	869.30	564.53	-478.65	0.00	1st Bone Spring Lime
6700.00	14.00	33.00	6574.24	882.94	573.39	-486.16	0.00	
6774.46	14.00	33.00	6646.49	898.05	583.20	-494.48	0.00	Drop to Vertical
6800.00	13.49	33.00	6671.29	903.14	586.50	-497.29	2.00	
6900.00	11.49	33.00	6768.92	921.27	598.28	-507.27	2.00	
7000.00	9.49	33.00	6867.25	936.54	608.20	-515.68	2.00	
7100.00	7.49	33.00	6966.15	948.92	616.23	-522.49	2.00	
7200.00	5.49	33.00	7065.50	958.40	622.39	-527.71	2.00	
7300.00	3.49	33.00	7165.19	964.96	626.65	-531.33	2.00	
7400.00	1.49	33.00	7265.09	968.60	629.02	-533.33	2.00	
7474.46	0.00	33.00	7339.54	969.41	629.54	-533.78	2.00	Hold Vertical
7500.00	0.00	269.89	7365.08	969.41	629.54	-533.78	0.00	
7600.00	0.00	269.89	7465.08	969.41	629.54	-533.78	0.00	
7700.00	0.00	269.89	7565.08	969.41	629.54	-533.78	0.00	
7755.92	0.00	269.89	7621.00	969.41	629.54	-533.78	0.00	Bone Spring 1st
7800.00	0.00	269.89	7665.08	969.41	629.54	-533.78	0.00	
7900.00	0.00	269.89	7765.08	969.41	629.54	-533.78	0.00	
8000.00	0.00	269.89	7865.08	969.41	629.54	-533.78	0.00	
8100.00	0.00	269.89	7965.08	969.41	629.54	-533.78	0.00	
8200.00	0.00	269.89	8065.08	969.41	629.54	-533.78	0.00	
8300.00	0.00	269.89	8165.08	969.41	629.54	-533.78	0.00	
8400.00	0.00	269.89	8265.08	969.41	629.54	-533.78	0.00	
8489.92	0.00	269.89	8355.00	969.41	629.54	-533.78	0.00	Bone Spring 2nd
8500.00	0.00	269.89	8365.08	969.41	629.54	-533.78	0.00	
8600.00	0.00	269.89	8465.08	969.41	629.54	-533.78	0.00	
8700.00	0.00	269.89	8565.08	969.41	629.54	-533.78	0.00	
8797.92	0.00	269.89	8663.00	969.41	629.54	-533.78	0.00	3rd Bone Spring Lime
8800.00	0.00	269.89	8665.08	969.41	629.54	-533.78	0.00	
8900.00	0.00	269.89	8765.08	969.41	629.54	-533.78	0.00	
9000.00	0.00	269.89	8865.08	969.41	629.54	-533.78	0.00	
9100.00	0.00	269.89	8965.08	969.41	629.54	-533.78	0.00	
9200.00	0.00	269.89	9065.08	969.41	629.54	-533.78	0.00	
9300.00	0.00	269.89	9165.08	969.41	629.54	-533.78	0.00	
9400.00	0.00	269.89	9265.08	969.41	629.54	-533.78	0.00	
9500.00	0.00	269.89	9365.08	969.41	629.54	-533.78	0.00	
9537.92	0.00	269.89	9403.00	969.41	629.54	-533.78	0.00	Bone Spring 3rd
9600.00	0.00	269.89	9465.08	969.41	629.54	-533.78	0.00	
9700.00	0.00	269.89	9565.08	969.41	629.54	-533.78	0.00	
9800.00	0.00	269.89	9665.08	969.41	629.54	-533.78	0.00	
9900.00	0.00	269.89	9765.08	969.41	629.54	-533.78	0.00	
9964.92	0.00	269.89	9830.00	969.41	629.54	-533.78	0.00	Wolfcamp / Point of Penetration
10000.00	0.00	269.89	9865.08	969.41	629.54	-533.78	0.00	
10100.00	0.00	269.89	9965.08	969.41	629.54	-533.78	0.00	
10200.00	0.00	269.89	10065.08	969.41	629.54	-533.78	0.00	
10300.00	0.00	269.89	10165.08	969.41	629.54	-533.78	0.00	
10400.00	0.00	269.89	10265.08	969.41	629.54	-533.78	0.00	
10461.96	0.00	269.89	10327.04	969.41	629.54	-533.78	0.00	KOP
10500.00	3.80	269.89	10365.05	969.41	628.28	-532.52	10.00	
10600.00	13.80	269.89	10463.75	969.38	613.00	-517.31	10.00	
10700.00	23.80	269.89	10558.29	969.32	580.80	-485.27	10.00	
10800.00	33.80	269.89	10645.81	969.23	532.68	-437.38	10.00	
10900.00	43.80	269.89	10723.64	969.11	470.10	-375.10	10.00	
11000.00	53.80	269.89	10789.42	968.96	394.95	-300.30	10.00	
11100.00	63.80	269.89	10841.15	968.80	309.52	-215.28	10.00	
11200.00	73.80	269.89	10877.26	968.62	216.40	-122.61	10.00	
11300.00	83.80	269.89	10896.65	968.43	118.43	-25.11	10.00	
11361.96	90.00	269.89	10900.00	968.31	56.59	36.44	10.00	Landing Point
11400.00	90.00	269.89	10900.00	968.24	18.55	74.29	0.00	
11500.00	90.00	269.89	10900.00	968.05	-81.45	173.82	0.00	
11600.00	90.00	269.89	10900.00	967.86	-181.45	273.34	0.00	
11700.00	90.00	269.89	10900.00	967.66	-281.45	372.86	0.00	
11800.00	90.00	269.89	10900.00	967.47	-381.45	472.38	0.00	
11900.00	90.00	269.89	10900.00	967.28	-481.45	571.90	0.00	
12000.00	90.00	269.89	10900.00	967.09	-581.45	671.43	0.00	
12100.00	90.00	269.89	10900.00	966.89	-681.45	770.95	0.00	
12200.00	90.00	269.89	10900.00	966.70	-781.45	870.47	0.00	

devon

Well: TAMBORA 36-35 FED COM 332H
County: Eddy
Wellbore: Permit Plan
Design: Permit Plan #1

Geodetic System: US State Plane 1983
Datum: North American Datum 1927
Ellipsoid: Clarke 1866
Zone: 3001 - NM East (NAD83)

MD (ft)	INC (°)	AZI (°)	TVD (ft)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Comment
12300.00	90.00	269.89	10900.00	966.51	-881.45	969.99	0.00	
12400.00	90.00	269.89	10900.00	966.32	-981.45	1069.51	0.00	
12500.00	90.00	269.89	10900.00	966.12	-1081.45	1169.03	0.00	
12600.00	90.00	269.89	10900.00	965.93	-1181.45	1268.55	0.00	
12700.00	90.00	269.89	10900.00	965.74	-1281.45	1368.08	0.00	
12800.00	90.00	269.89	10900.00	965.55	-1381.45	1467.60	0.00	
12900.00	90.00	269.89	10900.00	965.36	-1481.45	1567.12	0.00	
13000.00	90.00	269.89	10900.00	965.16	-1581.45	1666.64	0.00	
13100.00	90.00	269.89	10900.00	964.97	-1681.45	1766.16	0.00	
13200.00	90.00	269.89	10900.00	964.78	-1781.45	1865.68	0.00	
13300.00	90.00	269.89	10900.00	964.59	-1881.45	1965.20	0.00	
13400.00	90.00	269.89	10900.00	964.39	-1981.45	2064.73	0.00	
13500.00	90.00	269.89	10900.00	964.20	-2081.45	2164.25	0.00	
13600.00	90.00	269.89	10900.00	964.01	-2181.45	2263.77	0.00	
13700.00	90.00	269.89	10900.00	963.82	-2281.45	2363.29	0.00	
13800.00	90.00	269.89	10900.00	963.62	-2381.45	2462.81	0.00	
13900.00	90.00	269.89	10900.00	963.43	-2481.45	2562.33	0.00	
14000.00	90.00	269.89	10900.00	963.24	-2581.45	2661.85	0.00	
14100.00	90.00	269.89	10900.00	963.05	-2681.45	2761.38	0.00	
14200.00	90.00	269.89	10900.00	962.85	-2781.45	2860.90	0.00	
14300.00	90.00	269.89	10900.00	962.66	-2881.45	2960.42	0.00	
14400.00	90.00	269.89	10900.00	962.47	-2981.45	3059.94	0.00	
14500.00	90.00	269.89	10900.00	962.28	-3081.45	3159.46	0.00	
14600.00	90.00	269.89	10900.00	962.08	-3181.45	3258.98	0.00	
14700.00	90.00	269.89	10900.00	961.89	-3281.45	3358.50	0.00	
14800.00	90.00	269.89	10900.00	961.70	-3381.45	3458.03	0.00	
14900.00	90.00	269.89	10900.00	961.51	-3481.45	3557.55	0.00	
15000.00	90.00	269.89	10900.00	961.32	-3581.44	3657.07	0.00	
15100.00	90.00	269.89	10900.00	961.12	-3681.44	3756.59	0.00	
15200.00	90.00	269.89	10900.01	960.93	-3781.44	3856.11	0.00	
15300.00	90.00	269.89	10900.01	960.74	-3881.44	3955.63	0.00	
15400.00	90.00	269.89	10900.01	960.55	-3981.44	4055.15	0.00	
15500.00	90.00	269.89	10900.01	960.35	-4081.44	4154.68	0.00	
15600.00	90.00	269.89	10900.01	960.16	-4181.44	4254.20	0.00	
15700.00	90.00	269.89	10900.01	959.97	-4281.44	4353.72	0.00	
15800.00	90.00	269.89	10900.01	959.78	-4381.44	4453.24	0.00	
15900.00	90.00	269.89	10900.01	959.58	-4481.44	4552.76	0.00	
16000.00	90.00	269.89	10900.01	959.39	-4581.44	4652.28	0.00	
16100.00	90.00	269.89	10900.01	959.20	-4681.44	4751.80	0.00	
16200.00	90.00	269.89	10900.01	959.01	-4781.44	4851.33	0.00	
16300.00	90.00	269.89	10900.01	958.81	-4881.44	4950.85	0.00	
16400.00	90.00	269.89	10900.01	958.62	-4981.44	5050.37	0.00	
16500.00	90.00	269.89	10900.01	958.43	-5081.44	5149.89	0.00	
16600.00	90.00	269.89	10900.01	958.24	-5181.44	5249.41	0.00	
16700.00	90.00	269.89	10900.01	958.04	-5281.44	5348.93	0.00	
16800.00	90.00	269.89	10900.01	957.85	-5381.44	5448.45	0.00	
16900.00	90.00	269.89	10900.01	957.66	-5481.44	5547.98	0.00	
17000.00	90.00	269.89	10900.01	957.47	-5581.44	5647.50	0.00	
17100.00	90.00	269.89	10900.01	957.28	-5681.44	5747.02	0.00	
17200.00	90.00	269.89	10900.01	957.08	-5781.44	5846.54	0.00	
17300.00	90.00	269.89	10900.01	956.89	-5881.44	5946.06	0.00	
17400.00	90.00	269.89	10900.01	956.70	-5981.44	6045.58	0.00	
17500.00	90.00	269.89	10900.01	956.51	-6081.44	6145.10	0.00	
17600.00	90.00	269.89	10900.01	956.31	-6181.44	6244.62	0.00	
17700.00	90.00	269.89	10900.01	956.12	-6281.44	6344.15	0.00	
17800.00	90.00	269.89	10900.01	955.93	-6381.44	6443.67	0.00	
17900.00	90.00	269.89	10900.01	955.74	-6481.44	6543.19	0.00	
18000.00	90.00	269.89	10900.01	955.54	-6581.44	6642.71	0.00	
18100.00	90.00	269.89	10900.01	955.35	-6681.44	6742.23	0.00	
18200.00	90.00	269.89	10900.01	955.16	-6781.44	6841.75	0.00	
18300.00	90.00	269.89	10900.01	954.97	-6881.44	6941.27	0.00	
18400.00	90.00	269.89	10900.01	954.77	-6981.44	7040.80	0.00	
18500.00	90.00	269.89	10900.01	954.58	-7081.44	7140.32	0.00	
18600.00	90.00	269.89	10900.01	954.39	-7181.44	7239.84	0.00	
18700.00	90.00	269.89	10900.01	954.20	-7281.44	7339.36	0.00	
18800.00	90.00	269.89	10900.01	954.00	-7381.44	7438.88	0.00	
18900.00	90.00	269.89	10900.01	953.81	-7481.44	7538.40	0.00	
19000.00	90.00	269.89	10900.01	953.62	-7581.44	7637.92	0.00	
19100.00	90.00	269.89	10900.01	953.43	-7681.44	7737.45	0.00	
19200.00	90.00	269.89	10900.01	953.23	-7781.44	7836.97	0.00	

devon

Well: TAMBORA 36-35 FED COM 332H
County: Eddy
Wellbore: Permit Plan
Design: Permit Plan #1

Geodetic System: US State Plane 1983
Datum: North American Datum 1927
Ellipsoid: Clarke 1866
Zone: 3001 - NM East (NAD83)

MD (ft)	INC (°)	AZI (°)	TVD (ft)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Comment
19300.00	90.00	269.89	10900.01	953.04	-7881.44	7936.49	0.00	
19400.00	90.00	269.89	10900.01	952.85	-7981.44	8036.01	0.00	
19500.00	90.00	269.89	10900.01	952.66	-8081.44	8135.53	0.00	
19600.00	90.00	269.89	10900.01	952.47	-8181.44	8235.05	0.00	
19700.00	90.00	269.89	10900.01	952.27	-8281.44	8334.57	0.00	
19800.00	90.00	269.89	10900.01	952.08	-8381.44	8434.10	0.00	
19900.00	90.00	269.89	10900.01	951.89	-8481.44	8533.62	0.00	
20000.00	90.00	269.89	10900.01	951.70	-8581.44	8633.14	0.00	
20100.00	90.00	269.89	10900.01	951.50	-8681.44	8732.66	0.00	
20200.00	90.00	269.89	10900.01	951.31	-8781.44	8832.18	0.00	
20300.00	90.00	269.89	10900.01	951.12	-8881.44	8931.70	0.00	
20400.00	90.00	269.89	10900.01	950.93	-8981.43	9031.22	0.00	
20500.00	90.00	269.89	10900.01	950.73	-9081.43	9130.75	0.00	
20600.00	90.00	269.89	10900.01	950.54	-9181.43	9230.27	0.00	
20700.00	90.00	269.89	10900.01	950.35	-9281.43	9329.79	0.00	
20800.00	90.00	269.89	10900.01	950.16	-9381.43	9429.31	0.00	
20900.00	90.00	269.89	10900.01	949.96	-9481.43	9528.83	0.00	
21000.00	90.00	269.89	10900.01	949.77	-9581.43	9628.35	0.00	
21100.00	90.00	269.89	10900.01	949.58	-9681.43	9727.87	0.00	
21200.00	90.00	269.89	10900.01	949.39	-9781.43	9827.40	0.00	
21201.59	90.00	269.89	10900.01	949.38	-9783.02	9828.98	0.00	exit
21281.59	90.00	269.89	10900.00	949.27	-9863.02	9908.60	0.00	BHL

Well Name: TAMBORA 36 35 FED COM

Well Location: T20S / R29E / SEC 36 / SESE / 32.5259892 / -104.0222596

County or Parish/State: EDDY / NM

Well Number: 332H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM110351

Unit or CA Name:

Unit or CA Number:

US Well Number: 3001555559

Operator: DEVON ENERGY PRODUCTION COMPANY LP

Notice of Intent

Sundry ID: 2819454

Type of Submission: Notice of Intent

Type of Action: APD Change

Date Sundry Submitted: 10/30/2024

Time Sundry Submitted: 02:04

Date proposed operation will begin: 10/29/2024

Procedure Description: Devon Energy Production Co., L.P. (Devon) respectfully requests to change the intermediate casing depth and drilling updates on the subject well. Devon would also like to request a variance for offline cementing in regards to surface and intermediate 1 casing. Please see attached revised Drill plan, directional plan, and offline cementing. Permitted TVD/MD: 3924/3924 Proposed TVD/MD: 10362/10362

NOI Attachments

Procedure Description

Offline_Cementing___4_string_casing_20241030135812.pdf

TAMBORA_36_35_FED_COM_332H_Directional_Plan_10_10_24_20241030071725.pdf

TAMBORA_36_35_FED_COM_332H_rev5_20241030071725.pdf

Well Name: TAMBORA 36 35 FED COM

Well Location: T20S / R29E / SEC 36 / SESE / 32.5259892 / -104.0222596

County or Parish/State: EDDY / NM

Well Number: 332H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM110351

Unit or CA Name:

Unit or CA Number:

US Well Number: 3001555559

Operator: DEVON ENERGY PRODUCTION COMPANY LP

Conditions of Approval

Specialist Review

Tambora_36_35_Fed_Com_332H_Sundry_ID_2819454_20241112083230.pdf

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: SHANDEE THOMAS

Signed on: OCT 30, 2024 02:02 PM

Name: DEVON ENERGY PRODUCTION COMPANY LP

Title: Regulatory Professional

Street Address: 333 W SHERDIAN AVE

City: OKLAHOMA CITY **State:** OK

Phone: (405) 552-7853

Email address: SHANDEE.THOMAS@DVN.COM

Field

Representative Name:

Street Address:

City: **State:** **Zip:**

Phone:

Email address:

BLM Point of Contact

BLM POC Name: LONG VO

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5759885402

BLM POC Email Address: LVO@BLM.GOV

Disposition: Approved

Disposition Date: 11/12/2024

Signature: Long Vo

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

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 402477
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
ward.rikala	This well is within the Capitan Reef. The 1st intermediate string shall be sat and cemented back to surface immediately above the top of the Capitan Reef. The 2nd intermediate string shall be sat and cemented back to surface immediately below the base of the Capitan Reef.	12/2/2024
ward.rikala	Any previous COA's not addressed within the updated COA's still apply.	12/2/2024