

Well Name: RAILSPLITTER 15-22 FED COM	Well Location: T26S / R34E / SEC 15 / NESW / 32.041467 / -103.461904	County or Parish/State: LEA / NM
Well Number: 19H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM094118	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002550683	Well Status: Drilling Well	Operator: DEVON ENERGY PRODUCTION COMPANY LP

Notice of Intent

Sundry ID: 2696170

Type of Submission: Notice of Intent	Type of Action: APD Change
Date Sundry Submitted: 10/04/2022	Time Sundry Submitted: 08:49
Date proposed operation will begin: 10/04/2022	

Procedure Description: Devon Energy Production Co., L.P. (Devon) respectfully requests to change the depth on the subject well. Please see attached revised drill plan and directional plan.

NOI Attachments

Procedure Description

- Railsplitter_15_22_Fed_Com_19H_Directional_Plan_09_26_22_20221004074101.pdf
- Railsplitter_15_22_Fed_Com_19H_20221004074101.pdf

Received by OCD: 10/27/2022 8:46:04 AM

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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: CHELSEY GREEN	Signed on: OCT 04, 2022 07:40 AM
Name: DEVON ENERGY PRODUCTION COMPANY LP	
Title: Regulatory Compliance Professional	
Street Address: 333 West Sheridan Avenue	
City: Oklahoma City	State: OK
Phone: (405) 228-8595	
Email address: Chelsey.Green@dvn.com	

Field

Representative Name:		
Street Address:		
City:	State:	Zip:
Phone:		
Email address:		

BLM Point of Contact

BLM POC Name: CHRISTOPHER WALLS	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5752342234	BLM POC Email Address: cwalls@blm.gov
Disposition: Approved	Disposition Date: 10/20/2022
Signature: Chris Walls	

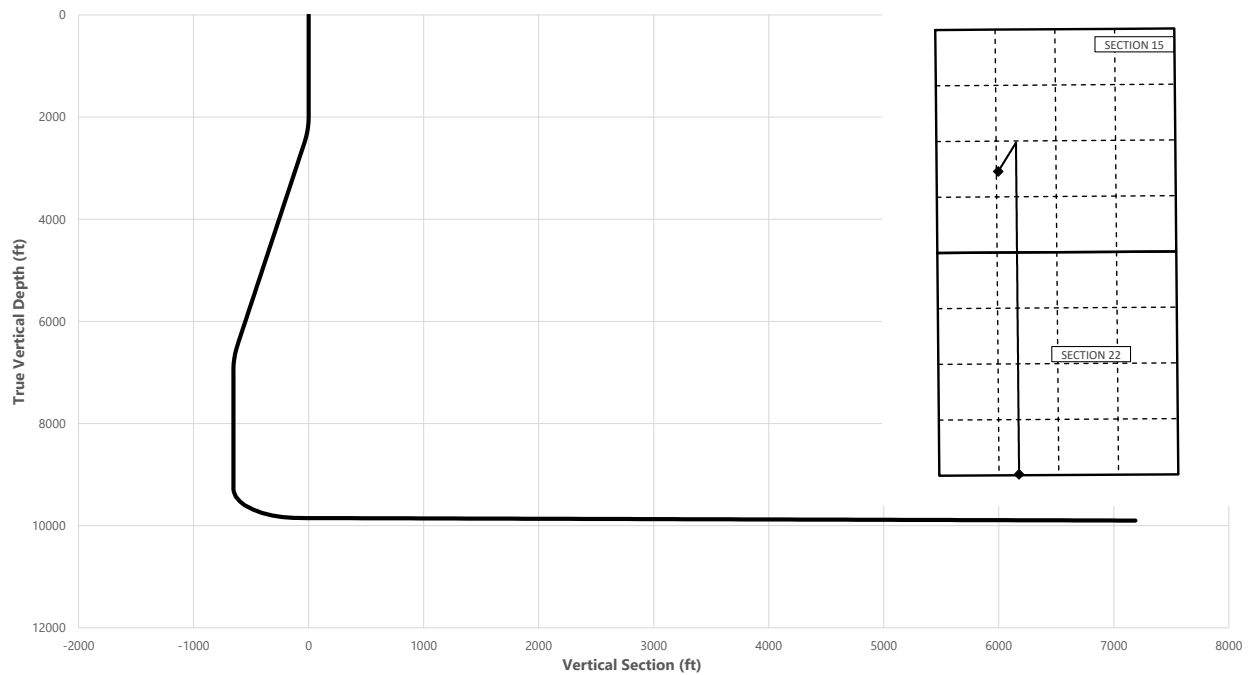
Railsplitter 15-22 Fed Com 19H



Well: Railsplitter 15-22 Fed Com 19H
County: Lea
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	30.00	2000.00	0.00	0.00	0.00	0.00	Start Tangent
2500.00	10.00	30.00	2497.47	37.69	21.76	-36.22	2.00	Hold Tangent
6524.54	10.00	30.00	6460.86	642.92	371.19	-617.76	0.00	Drop to Vertical
7024.54	0.00	30.00	6958.33	680.61	392.95	-653.98	2.00	Hold Vertical
9343.27	0.00	179.50	9277.06	680.61	392.95	-653.98	0.00	KOP
10239.33	89.61	179.50	9850.00	111.60	397.92	-85.83	10.00	Landing Point
17524.42	89.61	179.50	9900.00	-7173.03	461.49	7187.86	0.00	BHL



Key Depths	MD (ft)	TVD (ft)
Rustler	700.00	700.00
Salt	1000.00	1000.00
Base of Salt	5142.68	5100.00
Delaware	5396.54	5350.00
Cherry Canyon	6437.35	6375.00
Brushy Canyon	8166.21	8100.00
Bone Spring 1st / Point of Penetratic exit	9686.35 17444.42	9600.00 9899.46

SHL
KOP
Point of Penetration
Exit
BHL

MD (ft)	TVD (ft)	Lat (°)	Long (°)	Section Footages
0.00	0.00	32.0414	-103.4620	1920' FSL, 1361' FWL of Sec 15 in T26S, R34E
9343.27	9277.06	32.0432	-103.4607	2599' FSL, 1761' FWL of Sec 15 in T26S, R34E
9686.35	9600.00	32.0432	-103.4606	2539' FSL, 1760' FWL of Sec 15 in T26S, R34E
17444.42	9899.46	32.0220	-103.4606	100' FSL, 1760' FWL of Sec 22 in T26S, R34E
17524.42	9900.00	32.0216	-103.4607	20' FSL, 1760' FWL of Sec 22 in T26S, R34E

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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	30.00	100.00	0.00	0.00	0.00	0.00	
200.00	0.00	30.00	200.00	0.00	0.00	0.00	0.00	
300.00	0.00	30.00	300.00	0.00	0.00	0.00	0.00	
400.00	0.00	30.00	400.00	0.00	0.00	0.00	0.00	
500.00	0.00	30.00	500.00	0.00	0.00	0.00	0.00	
600.00	0.00	30.00	600.00	0.00	0.00	0.00	0.00	
700.00	0.00	30.00	700.00	0.00	0.00	0.00	0.00	Rustler,
800.00	0.00	30.00	800.00	0.00	0.00	0.00	0.00	
900.00	0.00	30.00	900.00	0.00	0.00	0.00	0.00	
1000.00	0.00	30.00	1000.00	0.00	0.00	0.00	0.00	Salt,
1100.00	0.00	30.00	1100.00	0.00	0.00	0.00	0.00	
1200.00	0.00	30.00	1200.00	0.00	0.00	0.00	0.00	
1300.00	0.00	30.00	1300.00	0.00	0.00	0.00	0.00	
1400.00	0.00	30.00	1400.00	0.00	0.00	0.00	0.00	
1500.00	0.00	30.00	1500.00	0.00	0.00	0.00	0.00	
1600.00	0.00	30.00	1600.00	0.00	0.00	0.00	0.00	
1700.00	0.00	30.00	1700.00	0.00	0.00	0.00	0.00	
1800.00	0.00	30.00	1800.00	0.00	0.00	0.00	0.00	
1900.00	0.00	30.00	1900.00	0.00	0.00	0.00	0.00	
2000.00	0.00	30.00	2000.00	0.00	0.00	0.00	0.00	Start Tangent
2100.00	2.00	30.00	2099.98	1.51	0.87	-1.45	2.00	
2200.00	4.00	30.00	2199.84	6.04	3.49	-5.81	2.00	
2300.00	6.00	30.00	2299.45	13.59	7.85	-13.06	2.00	
2400.00	8.00	30.00	2398.70	24.14	13.94	-23.20	2.00	
2500.00	10.00	30.00	2497.47	37.69	21.76	-36.22	2.00	Hold Tangent
2600.00	10.00	30.00	2595.95	52.73	30.44	-50.67	0.00	
2700.00	10.00	30.00	2694.43	67.77	39.13	-65.12	0.00	
2800.00	10.00	30.00	2792.91	82.81	47.81	-79.57	0.00	
2900.00	10.00	30.00	2891.39	97.85	56.49	-94.02	0.00	
3000.00	10.00	30.00	2989.87	112.88	65.17	-108.47	0.00	
3100.00	10.00	30.00	3088.35	127.92	73.86	-122.92	0.00	
3200.00	10.00	30.00	3186.83	142.96	82.54	-137.37	0.00	
3300.00	10.00	30.00	3285.31	158.00	91.22	-151.82	0.00	
3400.00	10.00	30.00	3383.79	173.04	99.90	-166.27	0.00	
3500.00	10.00	30.00	3482.27	188.08	108.59	-180.72	0.00	
3600.00	10.00	30.00	3580.75	203.11	117.27	-195.17	0.00	
3700.00	10.00	30.00	3679.23	218.15	125.95	-209.62	0.00	
3800.00	10.00	30.00	3777.72	233.19	134.63	-224.07	0.00	
3900.00	10.00	30.00	3876.20	248.23	143.31	-238.52	0.00	
4000.00	10.00	30.00	3974.68	263.27	152.00	-252.96	0.00	
4100.00	10.00	30.00	4073.16	278.31	160.68	-267.41	0.00	
4200.00	10.00	30.00	4171.64	293.34	169.36	-281.86	0.00	
4300.00	10.00	30.00	4270.12	308.38	178.04	-296.31	0.00	
4400.00	10.00	30.00	4368.60	323.42	186.73	-310.76	0.00	
4500.00	10.00	30.00	4467.08	338.46	195.41	-325.21	0.00	
4600.00	10.00	30.00	4565.56	353.50	204.09	-339.66	0.00	
4700.00	10.00	30.00	4664.04	368.54	212.77	-354.11	0.00	
4800.00	10.00	30.00	4762.52	383.57	221.46	-368.56	0.00	
4900.00	10.00	30.00	4861.00	398.61	230.14	-383.01	0.00	
5000.00	10.00	30.00	4959.48	413.65	238.82	-397.46	0.00	
5100.00	10.00	30.00	5057.97	428.69	247.50	-411.91	0.00	
5142.68	10.00	30.00	5100.00	435.11	251.21	-418.08	0.00	Base of Salt
5200.00	10.00	30.00	5156.45	443.73	256.19	-426.36	0.00	
5300.00	10.00	30.00	5254.93	458.77	264.87	-440.81	0.00	
5396.54	10.00	30.00	5350.00	473.28	273.25	-454.76	0.00	Delaware
5400.00	10.00	30.00	5353.41	473.80	273.55	-455.26	0.00	
5500.00	10.00	30.00	5451.89	488.84	282.23	-469.71	0.00	
5600.00	10.00	30.00	5550.37	503.88	290.92	-484.16	0.00	
5700.00	10.00	30.00	5648.85	518.92	299.60	-498.61	0.00	
5800.00	10.00	30.00	5747.33	533.96	308.28	-513.06	0.00	
5900.00	10.00	30.00	5845.81	549.00	316.96	-527.51	0.00	
6000.00	10.00	30.00	5944.29	564.03	325.65	-541.96	0.00	
6100.00	10.00	30.00	6042.77	579.07	334.33	-556.41	0.00	
6200.00	10.00	30.00	6141.25	594.11	343.01	-570.86	0.00	
6300.00	10.00	30.00	6239.73	609.15	351.69	-585.31	0.00	
6400.00	10.00	30.00	6338.22	624.19	360.37	-599.76	0.00	
6437.35	10.00	30.00	6375.00	629.80	363.62	-605.16	0.00	Cherry Canyon
6500.00	10.00	30.00	6436.70	639.23	369.06	-614.21	0.00	
6524.54	10.00	30.00	6460.86	642.92	371.19	-617.76	0.00	Drop to Vertical

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MD (ft)	INC (°)	AZI (°)	TVD (ft)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Comment
6600.00	8.49	30.00	6535.34	653.42	377.25	-627.85	2.00	
6700.00	6.49	30.00	6634.48	664.71	383.77	-638.69	2.00	
6800.00	4.49	30.00	6734.02	672.99	388.55	-646.66	2.00	
6900.00	2.49	30.00	6833.83	678.26	391.60	-651.72	2.00	
7000.00	0.49	30.00	6933.79	680.52	392.90	-653.89	2.00	
7024.54	0.00	30.00	6958.33	680.61	392.95	-653.98	2.00	Hold Vertical
7100.00	0.00	179.50	7033.79	680.61	392.95	-653.97	0.00	
7200.00	0.00	179.50	7133.79	680.61	392.95	-653.97	0.00	
7300.00	0.00	179.50	7233.79	680.61	392.95	-653.97	0.00	
7400.00	0.00	179.50	7333.79	680.61	392.95	-653.97	0.00	
7500.00	0.00	179.50	7433.79	680.61	392.95	-653.97	0.00	
7600.00	0.00	179.50	7533.79	680.61	392.95	-653.97	0.00	
7700.00	0.00	179.50	7633.79	680.61	392.95	-653.97	0.00	
7800.00	0.00	179.50	7733.79	680.61	392.95	-653.97	0.00	
7900.00	0.00	179.50	7833.79	680.61	392.95	-653.97	0.00	
8000.00	0.00	179.50	7933.79	680.61	392.95	-653.97	0.00	
8100.00	0.00	179.50	8033.79	680.61	392.95	-653.97	0.00	
8166.21	0.00	179.50	8100.00	680.61	392.95	-653.97	0.00	Brushy Canyon
8200.00	0.00	179.50	8133.79	680.61	392.95	-653.97	0.00	
8300.00	0.00	179.50	8233.79	680.61	392.95	-653.97	0.00	
8400.00	0.00	179.50	8333.79	680.61	392.95	-653.97	0.00	
8500.00	0.00	179.50	8433.79	680.61	392.95	-653.97	0.00	
8600.00	0.00	179.50	8533.79	680.61	392.95	-653.97	0.00	
8700.00	0.00	179.50	8633.79	680.61	392.95	-653.97	0.00	
8800.00	0.00	179.50	8733.79	680.61	392.95	-653.97	0.00	
8900.00	0.00	179.50	8833.79	680.61	392.95	-653.97	0.00	
9000.00	0.00	179.50	8933.79	680.61	392.95	-653.97	0.00	
9100.00	0.00	179.50	9033.79	680.61	392.95	-653.97	0.00	
9200.00	0.00	179.50	9133.79	680.61	392.95	-653.97	0.00	
9300.00	0.00	179.50	9233.79	680.61	392.95	-653.97	0.00	
9343.27	0.00	179.50	9277.06	680.61	392.95	-653.98	0.00	KOP
9400.00	5.67	179.50	9333.70	677.80	392.97	-651.17	10.00	
9500.00	15.67	179.50	9431.84	659.31	393.14	-632.70	10.00	
9600.00	25.67	179.50	9525.28	624.05	393.44	-597.50	10.00	
9686.35	34.31	179.50	9600.00	580.93	393.82	-554.44	10.00	Bone Spring 1st / Point of Penetration
9700.00	35.67	179.50	9611.18	573.10	393.89	-546.63	10.00	
9800.00	45.67	179.50	9686.93	508.01	394.46	-481.64	10.00	
9900.00	55.67	179.50	9750.22	430.76	395.13	-404.50	10.00	
10000.00	65.67	179.50	9799.14	343.69	395.89	-317.56	10.00	
10100.00	75.67	179.50	9832.20	249.45	396.71	-223.46	10.00	
10200.00	85.67	179.50	9848.38	150.90	397.57	-125.06	10.00	
10239.33	89.61	179.50	9850.00	111.60	397.92	-85.83	10.00	Landing Point
10300.00	89.61	179.50	9850.42	50.94	398.44	-25.26	0.00	
10400.00	89.61	179.50	9851.10	-49.05	399.32	74.59	0.00	
10500.00	89.61	179.50	9851.79	-149.05	400.19	174.43	0.00	
10600.00	89.61	179.50	9852.48	-249.04	401.06	274.28	0.00	
10700.00	89.61	179.50	9853.16	-349.03	401.94	374.12	0.00	
10800.00	89.61	179.50	9853.85	-449.03	402.81	473.96	0.00	
10900.00	89.61	179.50	9854.54	-549.02	403.68	573.81	0.00	
11000.00	89.61	179.50	9855.22	-649.01	404.55	673.65	0.00	
11100.00	89.61	179.50	9855.91	-749.01	405.43	773.49	0.00	
11200.00	89.61	179.50	9856.59	-849.00	406.30	873.34	0.00	
11300.00	89.61	179.50	9857.28	-949.00	407.17	973.18	0.00	
11400.00	89.61	179.50	9857.97	-1048.99	408.05	1073.02	0.00	
11500.00	89.61	179.50	9858.65	-1148.98	408.92	1172.87	0.00	
11600.00	89.61	179.50	9859.34	-1248.98	409.79	1272.71	0.00	
11700.00	89.61	179.50	9860.03	-1348.97	410.67	1372.55	0.00	
11800.00	89.61	179.50	9860.71	-1448.97	411.54	1472.40	0.00	
11900.00	89.61	179.50	9861.40	-1548.96	412.41	1572.24	0.00	
12000.00	89.61	179.50	9862.09	-1648.95	413.28	1672.09	0.00	
12100.00	89.61	179.50	9862.77	-1748.95	414.16	1771.93	0.00	
12200.00	89.61	179.50	9863.46	-1848.94	415.03	1871.77	0.00	
12300.00	89.61	179.50	9864.15	-1948.93	415.90	1971.62	0.00	
12400.00	89.61	179.50	9864.83	-2048.93	416.78	2071.46	0.00	
12500.00	89.61	179.50	9865.52	-2148.92	417.65	2171.30	0.00	
12600.00	89.61	179.50	9866.21	-2248.92	418.52	2271.15	0.00	
12700.00	89.61	179.50	9866.89	-2348.91	419.39	2370.99	0.00	
12800.00	89.61	179.50	9867.58	-2448.90	420.27	2470.83	0.00	
12900.00	89.61	179.50	9868.26	-2548.90	421.14	2570.68	0.00	
13000.00	89.61	179.50	9868.95	-2648.89	422.01	2670.52	0.00	

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MD (ft)	INC (°)	AZI (°)	TVD (ft)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Comment
13100.00	89.61	179.50	9869.64	-2748.89	422.89	2770.36	0.00	
13200.00	89.61	179.50	9870.32	-2848.88	423.76	2870.21	0.00	
13300.00	89.61	179.50	9871.01	-2948.87	424.63	2970.05	0.00	
13400.00	89.61	179.50	9871.70	-3048.87	425.50	3069.90	0.00	
13500.00	89.61	179.50	9872.38	-3148.86	426.38	3169.74	0.00	
13600.00	89.61	179.50	9873.07	-3248.85	427.25	3269.58	0.00	
13700.00	89.61	179.50	9873.76	-3348.85	428.12	3369.43	0.00	
13800.00	89.61	179.50	9874.44	-3448.84	429.00	3469.27	0.00	
13900.00	89.61	179.50	9875.13	-3548.84	429.87	3569.11	0.00	
14000.00	89.61	179.50	9875.82	-3648.83	430.74	3668.96	0.00	
14100.00	89.61	179.50	9876.50	-3748.82	431.61	3768.80	0.00	
14200.00	89.61	179.50	9877.19	-3848.82	432.49	3868.64	0.00	
14300.00	89.61	179.50	9877.88	-3948.81	433.36	3968.49	0.00	
14400.00	89.61	179.50	9878.56	-4048.80	434.23	4068.33	0.00	
14500.00	89.61	179.50	9879.25	-4148.80	435.11	4168.17	0.00	
14600.00	89.61	179.50	9879.93	-4248.79	435.98	4268.02	0.00	
14700.00	89.61	179.50	9880.62	-4348.79	436.85	4367.86	0.00	
14800.00	89.61	179.50	9881.31	-4448.78	437.73	4467.71	0.00	
14900.00	89.61	179.50	9881.99	-4548.77	438.60	4567.55	0.00	
15000.00	89.61	179.50	9882.68	-4648.77	439.47	4667.39	0.00	
15100.00	89.61	179.50	9883.37	-4748.76	440.34	4767.24	0.00	
15200.00	89.61	179.50	9884.05	-4848.76	441.22	4867.08	0.00	
15300.00	89.61	179.50	9884.74	-4948.75	442.09	4966.92	0.00	
15400.00	89.61	179.50	9885.43	-5048.74	442.96	5066.77	0.00	
15500.00	89.61	179.50	9886.11	-5148.74	443.84	5166.61	0.00	
15600.00	89.61	179.50	9886.80	-5248.73	444.71	5266.45	0.00	
15700.00	89.61	179.50	9887.49	-5348.72	445.58	5366.30	0.00	
15800.00	89.61	179.50	9888.17	-5448.72	446.45	5466.14	0.00	
15900.00	89.61	179.50	9888.86	-5548.71	447.33	5565.98	0.00	
16000.00	89.61	179.50	9889.55	-5648.71	448.20	5665.83	0.00	
16100.00	89.61	179.50	9890.23	-5748.70	449.07	5765.67	0.00	
16200.00	89.61	179.50	9890.92	-5848.69	449.95	5865.52	0.00	
16300.00	89.61	179.50	9891.60	-5948.69	450.82	5965.36	0.00	
16400.00	89.61	179.50	9892.29	-6048.68	451.69	6065.20	0.00	
16500.00	89.61	179.50	9892.98	-6148.68	452.56	6165.05	0.00	
16600.00	89.61	179.50	9893.66	-6248.67	453.44	6264.89	0.00	
16700.00	89.61	179.50	9894.35	-6348.66	454.31	6364.73	0.00	
16800.00	89.61	179.50	9895.04	-6448.66	455.18	6464.58	0.00	
16900.00	89.61	179.50	9895.72	-6548.65	456.06	6564.42	0.00	
17000.00	89.61	179.50	9896.41	-6648.64	456.93	6664.26	0.00	
17100.00	89.61	179.50	9897.10	-6748.64	457.80	6764.11	0.00	
17200.00	89.61	179.50	9897.78	-6848.63	458.67	6863.95	0.00	
17300.00	89.61	179.50	9898.47	-6948.63	459.55	6963.79	0.00	
17400.00	89.61	179.50	9899.16	-7048.62	460.42	7063.64	0.00	
17444.42	89.61	179.50	9899.46	-7093.03	460.81	7107.98	0.00	exit
17500.00	89.61	179.50	9899.84	-7148.61	461.29	7163.48	0.00	
17524.42	89.61	179.50	9900.00	-7173.03	461.49	7187.86	0.00	BHL



Well: Railsplitter 15-22 Fed Com 19H
County: Lea
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	INC	AZI	TVD	NS	EW	VS	DLS	Comment
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(°/100ft)	

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Railsplitter 15-22 Fed Com 19H

1. Geologic Formations

TVD of target	9899	Pilot hole depth	N/A
MD at TD:	17524	Deepest expected fresh water	

Basin

Formation	Depth (TVD) from KB	Water/Mineral Bearing/Target Zone?	Hazards*
Rustler	700		
Salt	1000		
Base of Salt	5100		
Delaware	5350		
Cherry Canyon	6375		
Brushy Canyon	8100		
Bone Spring 1st	9600		

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

Railsplitter 15-22 Fed Com 19H

2. Casing Program

Hole Size	Csg. Size	Wt (PPF)	Grade	Conn	Casing Interval		Casing Interval	
					From (MD)	To (MD)	From (TVD)	To (TVD)
17 1/2	13 3/8	48	H40	BTC	0	725	0	725
12 1/4	9 5/8	40	J-55	BTC	0	5200	0	5200
8 3/4	5 1/2	17	P110	BTC	0	17524	0	9899

- All casing strings will be tested in accordance with Onshore Oil and Gas Order #2 IILB.1.h Must have table for contingency casing.

Railsplitter 15-22 Fed Com 19H

3. Cementing Program (3-String Primary Design)

Casing	# Sks	TOC	Wt. (lb/gal)	Yld (ft ³ /sack)	Slurry Description
Surface	563	Surf	13.2	1.4	Lead: Class C Cement + additives
Int 1	578	Surf	9.0	3.3	Lead: Class C Cement + additives
	154	500' above shoe	13.2	1.4	Tail: Class H / C + additives
Int 1 Intermediate Squeeze	As Needed	Surf	9.0	3.3	Squeeze Lead: Class C Cement + additives
	578	Surf	9.0	3.3	Lead: Class C Cement + additives
	154	500' above shoe	13.2	1.4	Tail: Class H / C + additives
Production	396	500' tieback	9.0	3.3	Lead: Class H / C + additives
	1579	KOP	13.2	1.4	Tail: Class H / C + additives

If a DV tool is ran the depth(s) will be adjusted based on hole conditions and cement volumes will be adjusted proportionally. Slurry weights will be adjusted based on estimated fracture gradient of the formation. DV tool will be set a minimum of 50 feet below previous casing and a minimum of 200 feet above current shoe. If cement is not returned to surface during the primary cement job on the surface casing string, a planned top job will be conducted immediately after completion of the primary job.

Casing String	% Excess
Surface	50%
Intermediate	30%
Production	10%

Railsplitter 15-22 Fed Com 19H

4. Pressure Control Equipment (Three String Design)

BOP installed and tested before drilling which hole?	Size?	Min. Required WP	Type	✓	Tested to:
Int 1	13-58"	5M	Annular	X	50% of rated working pressure
			Blind Ram	X	5M
			Pipe Ram		
			Double Ram	X	
			Other*		
Production	13-5/8"	5M	Annular	X	50% of rated working pressure
			Blind Ram	X	5M
			Pipe Ram		
			Double Ram	X	
			Other*		
			Annular (5M)		
			Blind Ram		
			Pipe Ram		
			Double Ram		
			Other*		

Railsplitter 15-22 Fed Com 19H

5. Mud Program (Three String Design)

Section	Type	Weight (ppg)
Surface	FW Gel	8.5-9
Intermediate	Brine	10-10.5
Production	WBM	8.5-9

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
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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 Report and submitted 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	
	Density	
X	CBL	Production casing
X	Mud log	KOP to TD
	PEX	

7. Drilling Conditions

Condition	Specify what type and where?
BH pressure at deepest TVD	4633
Abnormal temperature	No

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

Hydrogen 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	H ₂ S is present
Y	H ₂ S plan attached.

Railsplitter 15-22 Fed Com 19H

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 pad.
- 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. At that time an approved BOP stack will be nipped 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

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 154230

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 154230
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pkautz	None	10/27/2022