

Well Name: GREEN WAVE 20 17 FEDERAL	Well Location: T26S / R34E / SEC 20 / SENW / 32.0296301 / -103.4931488	County or Parish/State: LEA / NM
Well Number: 7H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM114991	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002545733	Well Status: Approved Application for Permit to Drill	Operator: DEVON ENERGY PRODUCTION COMPANY LP

Notice of Intent

Sundry ID: 2387059

Type of Submission: Notice of Intent

Type of Action: Other

Date Sundry Submitted: 05/13/2021

Time Sundry Submitted: 09:45

Date proposed operation will begin: 03/03/2021

Procedure Description: Previously submitted sundry, stuck in WIS. Please see attached previously submitted sundry. Devon Energy Production Co., L.P. respectfully requests the following changes to the original APD: SHL move from 2396 FNL & 2254 FWL to 2120 FNL & 2200 FWL, both 20-26S-34E BHL move from 20 FNL & 2320 FWL to 20 FNL & 1590 FWL, both 17-26S-34E TVD/MD change (and field/pool) from 12,765'/20,315' Bobcat Draw; UWC to 9850'/17,279' WC-025 G-06 S263407P;UPR BONE SPRING Please see attached revised C-102, directional and drilling plans.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Green_Wave_20_17_Fed_7H_Submitted_SHL_NOIpdf_20210513094358.pdf

GREEN_WAVE_20_17_FED_7H_C_102_20210513094343.pdf

MB_Wellhd_5M_13.375_9.625_5.5_20210513094339.pdf

9.625_40lb_J_55_20210513094336.pdf

Green_Wave_20_17_Fed_7H_Permit_Plan_3_20210513094336.pdf

Well Name: GREEN WAVE 20 17
FEDERAL

Well Location: T26S / R34E / SEC 20 /
SENW / 32.0296301 / -103.4931488

County or Parish/State: LEA /
NM

Well Number: 7H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM114991

Unit or CA Name:

Unit or CA Number:

US Well Number: 3002545733

Well Status: Approved Application for
Permit to Drill

Operator: DEVON ENERGY
PRODUCTION COMPANY LP

13.375_48lb_H40_20210513094336.pdf

Devon_Green_Wave_20_17_Fed_7H_Permit_Plan_3_20210513094336.pdf

Conditions of Approval

Additional Reviews

Green_Wave_20_17_Federal_7H_COA_Sundry_ID_2387059_20210514094517.pdf

Operator Certification

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 submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: REBECCA DEAL

Signed on: MAY 13, 2021 09:44 AM

Name: DEVON ENERGY PRODUCTION COMPANY LP

Title: Regulatory Compliance Professional

Street Address: 333 West Sheridan Avenue

City: Oklahoma City **State:** OK

Phone: (405) 228-8429

Email address: Rebecca.Deal@dvn.com

Field Representative

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 Email Address: cwalls@blm.gov

WCDSC Permian NM

Lea County (NAD83 New Mexico East)

Sec 20-T26S-R34E

Green Wave 20-17 Fed 7H

Wellbore #1

Plan: Permit Plan 3

Standard Planning Report - Geographic

09 July, 2020

Planning Report - Geographic

Database:	EDM r5000.141_Prod US	Local Co-ordinate Reference:	Well Green Wave 20-17 Fed 7H
Company:	WCDCS Permian NM	TVD Reference:	RKB @ 3366.40ft
Project:	Lea County (NAD83 New Mexico East)	MD Reference:	RKB @ 3366.40ft
Site:	Sec 20-T26S-R34E	North Reference:	Grid
Well:	Green Wave 20-17 Fed 7H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Permit Plan 3		

Project	Lea County (NAD83 New Mexico East)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Sec 20-T26S-R34E				
Site Position:	Northing:	375,305.15 usft	Latitude:	32.028952	
From: Map	Easting:	804,412.02 usft	Longitude:	-103.484420	
Position Uncertainty:	0.00 ft	Slot Radius:	13-3/16 "	Grid Convergence:	0.45 °

Well	Green Wave 20-17 Fed 7H					
Well Position	+N/-S	0.00 ft	Northing:	375,805.96 usft	Latitude:	32.030388
	+E/-W	0.00 ft	Easting:	801,648.51 usft	Longitude:	-103.493324
Position Uncertainty		0.50 ft	Wellhead Elevation:		Ground Level:	3,341.40 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	7/6/2020	6.57	59.86	47,518.58364840

Design	Permit Plan 3			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	354.77

Plan Survey Tool Program	Date	7/9/2020		
Depth From (ft)	Depth To (ft)	Survey (Wellbore)	Tool Name	Remarks
1	0.00	17,278.89 Permit Plan 3 (Wellbore #1)	MWD+HDGM OWSG MWD + HDGM	

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,700.00	0.00	0.00	2,700.00	0.00	0.00	0.00	0.00	0.00	0.00	
3,372.72	6.73	245.89	3,371.18	-16.11	-36.01	1.00	1.00	0.00	245.89	
8,516.51	6.73	245.89	8,479.55	-262.26	-586.00	0.00	0.00	0.00	0.00	
8,964.99	0.00	0.00	8,927.00	-273.00	-610.00	1.50	-1.50	0.00	180.00	
9,315.03	0.00	0.00	9,277.04	-273.00	-610.00	0.00	0.00	0.00	0.00	
10,215.03	90.00	359.52	9,850.00	299.94	-614.80	10.00	10.00	0.00	359.52	PBHL - Green Wave 2
17,278.89	90.00	359.52	9,850.00	7,363.55	-673.93	0.00	0.00	0.00	0.00	PBHL - Green Wave 2

Planning Report - Geographic

Database:	EDM r5000.141_Prod US	Local Co-ordinate Reference:	Well Green Wave 20-17 Fed 7H
Company:	WCDCS Permian NM	TVD Reference:	RKB @ 3366.40ft
Project:	Lea County (NAD83 New Mexico East)	MD Reference:	RKB @ 3366.40ft
Site:	Sec 20-T26S-R34E	North Reference:	Grid
Well:	Green Wave 20-17 Fed 7H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Permit Plan 3		

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude	
0.00	0.00	0.00	0.00	0.00	0.00	375,805.96	801,648.51	32.030388	-103.493324	
100.00	0.00	0.00	100.00	0.00	0.00	375,805.96	801,648.51	32.030388	-103.493324	
200.00	0.00	0.00	200.00	0.00	0.00	375,805.96	801,648.51	32.030388	-103.493324	
300.00	0.00	0.00	300.00	0.00	0.00	375,805.96	801,648.51	32.030388	-103.493324	
400.00	0.00	0.00	400.00	0.00	0.00	375,805.96	801,648.51	32.030388	-103.493324	
500.00	0.00	0.00	500.00	0.00	0.00	375,805.96	801,648.51	32.030388	-103.493324	
600.00	0.00	0.00	600.00	0.00	0.00	375,805.96	801,648.51	32.030388	-103.493324	
700.00	0.00	0.00	700.00	0.00	0.00	375,805.96	801,648.51	32.030388	-103.493324	
800.00	0.00	0.00	800.00	0.00	0.00	375,805.96	801,648.51	32.030388	-103.493324	
900.00	0.00	0.00	900.00	0.00	0.00	375,805.96	801,648.51	32.030388	-103.493324	
1,000.00	0.00	0.00	1,000.00	0.00	0.00	375,805.96	801,648.51	32.030388	-103.493324	
1,100.00	0.00	0.00	1,100.00	0.00	0.00	375,805.96	801,648.51	32.030388	-103.493324	
1,200.00	0.00	0.00	1,200.00	0.00	0.00	375,805.96	801,648.51	32.030388	-103.493324	
1,300.00	0.00	0.00	1,300.00	0.00	0.00	375,805.96	801,648.51	32.030388	-103.493324	
1,400.00	0.00	0.00	1,400.00	0.00	0.00	375,805.96	801,648.51	32.030388	-103.493324	
1,500.00	0.00	0.00	1,500.00	0.00	0.00	375,805.96	801,648.51	32.030388	-103.493324	
1,600.00	0.00	0.00	1,600.00	0.00	0.00	375,805.96	801,648.51	32.030388	-103.493324	
1,700.00	0.00	0.00	1,700.00	0.00	0.00	375,805.96	801,648.51	32.030388	-103.493324	
1,800.00	0.00	0.00	1,800.00	0.00	0.00	375,805.96	801,648.51	32.030388	-103.493324	
1,900.00	0.00	0.00	1,900.00	0.00	0.00	375,805.96	801,648.51	32.030388	-103.493324	
2,000.00	0.00	0.00	2,000.00	0.00	0.00	375,805.96	801,648.51	32.030388	-103.493324	
2,100.00	0.00	0.00	2,100.00	0.00	0.00	375,805.96	801,648.51	32.030388	-103.493324	
2,200.00	0.00	0.00	2,200.00	0.00	0.00	375,805.96	801,648.51	32.030388	-103.493324	
2,300.00	0.00	0.00	2,300.00	0.00	0.00	375,805.96	801,648.51	32.030388	-103.493324	
2,400.00	0.00	0.00	2,400.00	0.00	0.00	375,805.96	801,648.51	32.030388	-103.493324	
2,500.00	0.00	0.00	2,500.00	0.00	0.00	375,805.96	801,648.51	32.030388	-103.493324	
2,600.00	0.00	0.00	2,600.00	0.00	0.00	375,805.96	801,648.51	32.030388	-103.493324	
2,700.00	0.00	0.00	2,700.00	0.00	0.00	375,805.96	801,648.51	32.030388	-103.493324	
2,800.00	1.00	245.89	2,799.99	-0.36	-0.80	375,805.60	801,647.71	32.030387	-103.493327	
2,900.00	2.00	245.89	2,899.96	-1.43	-3.19	375,804.53	801,645.32	32.030385	-103.493335	
3,000.00	3.00	245.89	2,999.86	-3.21	-7.17	375,802.75	801,641.34	32.030380	-103.493348	
3,100.00	4.00	245.89	3,099.68	-5.70	-12.74	375,800.26	801,635.77	32.030373	-103.493366	
3,200.00	5.00	245.89	3,199.37	-8.91	-19.90	375,797.05	801,628.61	32.030364	-103.493389	
3,300.00	6.00	245.89	3,298.90	-12.82	-28.65	375,793.14	801,619.86	32.030354	-103.493417	
3,372.72	6.73	245.89	3,371.18	-16.11	-36.01	375,789.84	801,612.50	32.030345	-103.493441	
3,400.00	6.73	245.89	3,398.27	-17.42	-38.92	375,788.54	801,609.59	32.030341	-103.493450	
3,500.00	6.73	245.89	3,497.58	-22.20	-49.61	375,783.75	801,598.89	32.030328	-103.493485	
3,600.00	6.73	245.89	3,596.89	-26.99	-60.31	375,778.97	801,588.20	32.030316	-103.493520	
3,700.00	6.73	245.89	3,696.20	-31.78	-71.00	375,774.18	801,577.51	32.030303	-103.493554	
3,800.00	6.73	245.89	3,795.51	-36.56	-81.69	375,769.40	801,566.82	32.030290	-103.493589	
3,900.00	6.73	245.89	3,894.83	-41.35	-92.38	375,764.61	801,556.12	32.030277	-103.493624	
4,000.00	6.73	245.89	3,994.14	-46.13	-103.08	375,759.83	801,545.43	32.030264	-103.493658	
4,100.00	6.73	245.89	4,093.45	-50.92	-113.77	375,755.04	801,534.74	32.030251	-103.493693	
4,200.00	6.73	245.89	4,192.76	-55.70	-124.46	375,750.26	801,524.05	32.030238	-103.493727	
4,300.00	6.73	245.89	4,292.07	-60.49	-135.15	375,745.47	801,513.35	32.030225	-103.493762	
4,400.00	6.73	245.89	4,391.38	-65.27	-145.85	375,740.69	801,502.66	32.030212	-103.493797	
4,500.00	6.73	245.89	4,490.69	-70.06	-156.54	375,735.90	801,491.97	32.030199	-103.493831	
4,600.00	6.73	245.89	4,590.01	-74.84	-167.23	375,731.12	801,481.28	32.030186	-103.493866	
4,700.00	6.73	245.89	4,689.32	-79.63	-177.92	375,726.33	801,470.59	32.030173	-103.493901	
4,800.00	6.73	245.89	4,788.63	-84.41	-188.62	375,721.55	801,459.89	32.030160	-103.493935	
4,900.00	6.73	245.89	4,887.94	-89.20	-199.31	375,716.76	801,449.20	32.030147	-103.493970	
5,000.00	6.73	245.89	4,987.25	-93.98	-210.00	375,711.98	801,438.51	32.030135	-103.494004	
5,100.00	6.73	245.89	5,086.56	-98.77	-220.69	375,707.19	801,427.82	32.030122	-103.494039	
5,200.00	6.73	245.89	5,185.87	-103.55	-231.38	375,702.40	801,417.12	32.030109	-103.494074	
5,300.00	6.73	245.89	5,285.19	-108.34	-242.08	375,697.62	801,406.43	32.030096	-103.494108	

Planning Report - Geographic

Database:	EDM r5000.141_Prod US	Local Co-ordinate Reference:	Well Green Wave 20-17 Fed 7H
Company:	WCDCS Permian NM	TVD Reference:	RKB @ 3366.40ft
Project:	Lea County (NAD83 New Mexico East)	MD Reference:	RKB @ 3366.40ft
Site:	Sec 20-T26S-R34E	North Reference:	Grid
Well:	Green Wave 20-17 Fed 7H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Permit Plan 3		

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude	
5,400.00	6.73	245.89	5,384.50	-113.12	-252.77	375,692.83	801,395.74	32.030083	-103.494143	
5,500.00	6.73	245.89	5,483.81	-117.91	-263.46	375,688.05	801,385.05	32.030070	-103.494177	
5,600.00	6.73	245.89	5,583.12	-122.70	-274.15	375,683.26	801,374.35	32.030057	-103.494212	
5,700.00	6.73	245.89	5,682.43	-127.48	-284.85	375,678.48	801,363.66	32.030044	-103.494247	
5,800.00	6.73	245.89	5,781.74	-132.27	-295.54	375,673.69	801,352.97	32.030031	-103.494281	
5,900.00	6.73	245.89	5,881.06	-137.05	-306.23	375,668.91	801,342.28	32.030018	-103.494316	
6,000.00	6.73	245.89	5,980.37	-141.84	-316.92	375,664.12	801,331.59	32.030005	-103.494351	
6,100.00	6.73	245.89	6,079.68	-146.62	-327.62	375,659.34	801,320.89	32.029992	-103.494385	
6,200.00	6.73	245.89	6,178.99	-151.41	-338.31	375,654.55	801,310.20	32.029979	-103.494420	
6,300.00	6.73	245.89	6,278.30	-156.19	-349.00	375,649.77	801,299.51	32.029967	-103.494454	
6,400.00	6.73	245.89	6,377.61	-160.98	-359.69	375,644.98	801,288.82	32.029954	-103.494489	
6,500.00	6.73	245.89	6,476.92	-165.76	-370.38	375,640.20	801,278.12	32.029941	-103.494524	
6,600.00	6.73	245.89	6,576.24	-170.55	-381.08	375,635.41	801,267.43	32.029928	-103.494558	
6,700.00	6.73	245.89	6,675.55	-175.33	-391.77	375,630.63	801,256.74	32.029915	-103.494593	
6,800.00	6.73	245.89	6,774.86	-180.12	-402.46	375,625.84	801,246.05	32.029902	-103.494628	
6,900.00	6.73	245.89	6,874.17	-184.90	-413.15	375,621.06	801,235.35	32.029889	-103.494662	
7,000.00	6.73	245.89	6,973.48	-189.69	-423.85	375,616.27	801,224.66	32.029876	-103.494697	
7,100.00	6.73	245.89	7,072.79	-194.47	-434.54	375,611.49	801,213.97	32.029863	-103.494731	
7,200.00	6.73	245.89	7,172.11	-199.26	-445.23	375,606.70	801,203.28	32.029850	-103.494766	
7,300.00	6.73	245.89	7,271.42	-204.04	-455.92	375,601.91	801,192.59	32.029837	-103.494801	
7,400.00	6.73	245.89	7,370.73	-208.83	-466.62	375,597.13	801,181.89	32.029824	-103.494835	
7,500.00	6.73	245.89	7,470.04	-213.61	-477.31	375,592.34	801,171.20	32.029811	-103.494870	
7,600.00	6.73	245.89	7,569.35	-218.40	-488.00	375,587.56	801,160.51	32.029799	-103.494904	
7,700.00	6.73	245.89	7,668.66	-223.19	-498.69	375,582.77	801,149.82	32.029786	-103.494939	
7,800.00	6.73	245.89	7,767.97	-227.97	-509.38	375,577.99	801,139.12	32.029773	-103.494974	
7,900.00	6.73	245.89	7,867.29	-232.76	-520.08	375,573.20	801,128.43	32.029760	-103.495008	
8,000.00	6.73	245.89	7,966.60	-237.54	-530.77	375,568.42	801,117.74	32.029747	-103.495043	
8,100.00	6.73	245.89	8,065.91	-242.33	-541.46	375,563.63	801,107.05	32.029734	-103.495078	
8,200.00	6.73	245.89	8,165.22	-247.11	-552.15	375,558.85	801,096.36	32.029721	-103.495112	
8,300.00	6.73	245.89	8,264.53	-251.90	-562.85	375,554.06	801,085.66	32.029708	-103.495147	
8,400.00	6.73	245.89	8,363.84	-256.68	-573.54	375,549.28	801,074.97	32.029695	-103.495181	
8,500.00	6.73	245.89	8,463.15	-261.47	-584.23	375,544.49	801,064.28	32.029682	-103.495216	
8,516.51	6.73	245.89	8,479.55	-262.26	-586.00	375,543.70	801,062.51	32.029680	-103.495222	
8,600.00	5.47	245.89	8,562.57	-265.88	-594.10	375,540.08	801,054.41	32.029670	-103.495248	
8,700.00	3.97	245.89	8,662.22	-269.25	-601.61	375,536.71	801,046.90	32.029661	-103.495272	
8,800.00	2.47	245.89	8,762.06	-271.54	-606.75	375,534.41	801,041.76	32.029655	-103.495289	
8,900.00	0.97	245.89	8,862.01	-272.77	-609.50	375,533.18	801,039.01	32.029652	-103.495298	
8,964.99	0.00	0.00	8,927.00	-273.00	-610.00	375,532.96	801,038.51	32.029651	-103.495300	
9,000.00	0.00	0.00	8,962.01	-273.00	-610.00	375,532.96	801,038.51	32.029651	-103.495300	
9,100.00	0.00	0.00	9,062.01	-273.00	-610.00	375,532.96	801,038.51	32.029651	-103.495300	
9,200.00	0.00	0.00	9,162.01	-273.00	-610.00	375,532.96	801,038.51	32.029651	-103.495300	
9,300.00	0.00	0.00	9,262.01	-273.00	-610.00	375,532.96	801,038.51	32.029651	-103.495300	
9,315.00	0.00	0.00	9,277.01	-273.00	-610.00	375,532.96	801,038.51	32.029651	-103.495300	
KOP & FTP @ 9315' MD, 2393' FNL, 1590' FWL										
9,315.03	0.00	0.00	9,277.04	-273.00	-610.00	375,532.96	801,038.51	32.029651	-103.495300	
9,400.00	8.50	359.52	9,361.70	-266.71	-610.05	375,539.25	801,038.46	32.029668	-103.495300	
9,500.00	18.50	359.52	9,458.82	-243.40	-610.25	375,562.56	801,038.26	32.029732	-103.495300	
9,600.00	28.50	359.52	9,550.41	-203.58	-610.58	375,602.38	801,037.93	32.029842	-103.495300	
9,700.00	38.50	359.52	9,633.69	-148.47	-611.04	375,657.49	801,037.47	32.029993	-103.495300	
9,800.00	48.50	359.52	9,706.14	-79.72	-611.62	375,726.23	801,036.89	32.030182	-103.495300	
9,900.00	58.50	359.52	9,765.55	0.55	-612.29	375,806.51	801,036.22	32.030403	-103.495300	
10,000.00	68.50	359.52	9,810.12	89.93	-613.04	375,895.89	801,035.47	32.030649	-103.495300	
10,100.00	78.50	359.52	9,838.49	185.68	-613.84	375,991.64	801,034.67	32.030912	-103.495300	
10,200.00	88.50	359.52	9,849.80	284.91	-614.67	376,090.87	801,033.84	32.031185	-103.495301	

Planning Report - Geographic

Database:	EDM r5000.141_Prod US	Local Co-ordinate Reference:	Well Green Wave 20-17 Fed 7H
Company:	WCDCS Permian NM	TVD Reference:	RKB @ 3366.40ft
Project:	Lea County (NAD83 New Mexico East)	MD Reference:	RKB @ 3366.40ft
Site:	Sec 20-T26S-R34E	North Reference:	Grid
Well:	Green Wave 20-17 Fed 7H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Permit Plan 3		

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude	
10,215.03	90.00	359.52	9,850.00	299.94	-614.80	376,105.90	801,033.71	32.031226	-103.495301	
10,300.00	90.00	359.52	9,850.00	384.91	-615.51	376,190.86	801,033.00	32.031460	-103.495301	
10,400.00	90.00	359.52	9,850.00	484.90	-616.34	376,290.86	801,032.16	32.031734	-103.495301	
10,500.00	90.00	359.52	9,850.00	584.90	-617.18	376,390.86	801,031.33	32.032009	-103.495301	
10,600.00	90.00	359.52	9,850.00	684.89	-618.02	376,490.85	801,030.49	32.032284	-103.495301	
10,700.00	90.00	359.52	9,850.00	784.89	-618.86	376,590.85	801,029.65	32.032559	-103.495302	
10,800.00	90.00	359.52	9,850.00	884.89	-619.69	376,690.84	801,028.82	32.032834	-103.495302	
10,900.00	90.00	359.52	9,850.00	984.88	-620.53	376,790.84	801,027.98	32.033109	-103.495302	
11,000.00	90.00	359.52	9,850.00	1,084.88	-621.37	376,890.84	801,027.14	32.033384	-103.495302	
11,100.00	90.00	359.52	9,850.00	1,184.88	-622.21	376,990.83	801,026.30	32.033659	-103.495302	
11,200.00	90.00	359.52	9,850.00	1,284.87	-623.04	377,090.83	801,025.47	32.033933	-103.495303	
11,300.00	90.00	359.52	9,850.00	1,384.87	-623.88	377,190.83	801,024.63	32.034208	-103.495303	
11,400.00	90.00	359.52	9,850.00	1,484.87	-624.72	377,290.82	801,023.79	32.034483	-103.495303	
11,500.00	90.00	359.52	9,850.00	1,584.86	-625.55	377,390.82	801,022.96	32.034758	-103.495303	
11,600.00	90.00	359.52	9,850.00	1,684.86	-626.39	377,490.81	801,022.12	32.035033	-103.495303	
11,700.00	90.00	359.52	9,850.00	1,784.86	-627.23	377,590.81	801,021.28	32.035308	-103.495304	
11,800.00	90.00	359.52	9,850.00	1,884.85	-628.07	377,690.81	801,020.44	32.035583	-103.495304	
11,900.00	90.00	359.52	9,850.00	1,984.85	-628.90	377,790.80	801,019.61	32.035858	-103.495304	
12,000.00	90.00	359.52	9,850.00	2,084.85	-629.74	377,890.80	801,018.77	32.036132	-103.495304	
12,035.00	90.00	359.52	9,850.00	2,119.84	-630.03	377,925.80	801,018.48	32.036229	-103.495304	
Cross section @ 12035' MD, 0' FSL, 1590' FWL										
12,100.00	90.00	359.52	9,850.00	2,184.84	-630.58	377,990.80	801,017.93	32.036407	-103.495304	
12,200.00	90.00	359.52	9,850.00	2,284.84	-631.41	378,090.79	801,017.10	32.036682	-103.495305	
12,300.00	90.00	359.52	9,850.00	2,384.84	-632.25	378,190.79	801,016.26	32.036957	-103.495305	
12,400.00	90.00	359.52	9,850.00	2,484.83	-633.09	378,290.79	801,015.42	32.037232	-103.495305	
12,500.00	90.00	359.52	9,850.00	2,584.83	-633.93	378,390.78	801,014.58	32.037507	-103.495305	
12,600.00	90.00	359.52	9,850.00	2,684.82	-634.76	378,490.78	801,013.75	32.037782	-103.495305	
12,700.00	90.00	359.52	9,850.00	2,784.82	-635.60	378,590.77	801,012.91	32.038057	-103.495306	
12,800.00	90.00	359.52	9,850.00	2,884.82	-636.44	378,690.77	801,012.07	32.038331	-103.495306	
12,900.00	90.00	359.52	9,850.00	2,984.81	-637.27	378,790.77	801,011.24	32.038606	-103.495306	
13,000.00	90.00	359.52	9,850.00	3,084.81	-638.11	378,890.76	801,010.40	32.038881	-103.495306	
13,100.00	90.00	359.52	9,850.00	3,184.81	-638.95	378,990.76	801,009.56	32.039156	-103.495306	
13,200.00	90.00	359.52	9,850.00	3,284.80	-639.79	379,090.76	801,008.72	32.039431	-103.495307	
13,300.00	90.00	359.52	9,850.00	3,384.80	-640.62	379,190.75	801,007.89	32.039706	-103.495307	
13,400.00	90.00	359.52	9,850.00	3,484.80	-641.46	379,290.75	801,007.05	32.039981	-103.495307	
13,500.00	90.00	359.52	9,850.00	3,584.79	-642.30	379,390.74	801,006.21	32.040256	-103.495307	
13,600.00	90.00	359.52	9,850.00	3,684.79	-643.13	379,490.74	801,005.38	32.040530	-103.495307	
13,700.00	90.00	359.52	9,850.00	3,784.79	-643.97	379,590.74	801,004.54	32.040805	-103.495308	
13,800.00	90.00	359.52	9,850.00	3,884.78	-644.81	379,690.73	801,003.70	32.041080	-103.495308	
13,900.00	90.00	359.52	9,850.00	3,984.78	-645.65	379,790.73	801,002.86	32.041355	-103.495308	
14,000.00	90.00	359.52	9,850.00	4,084.78	-646.48	379,890.73	801,002.03	32.041630	-103.495308	
14,100.00	90.00	359.52	9,850.00	4,184.77	-647.32	379,990.72	801,001.19	32.041905	-103.495308	
14,200.00	90.00	359.52	9,850.00	4,284.77	-648.16	380,090.72	801,000.35	32.042180	-103.495309	
14,300.00	90.00	359.52	9,850.00	4,384.77	-648.99	380,190.71	800,999.52	32.042455	-103.495309	
14,400.00	90.00	359.52	9,850.00	4,484.76	-649.83	380,290.71	800,998.68	32.042730	-103.495309	
14,500.00	90.00	359.52	9,850.00	4,584.76	-650.67	380,390.71	800,997.84	32.043004	-103.495309	
14,600.00	90.00	359.52	9,850.00	4,684.75	-651.51	380,490.70	800,997.00	32.043279	-103.495309	
14,700.00	90.00	359.52	9,850.00	4,784.75	-652.34	380,590.70	800,996.17	32.043554	-103.495310	
14,800.00	90.00	359.52	9,850.00	4,884.75	-653.18	380,690.70	800,995.33	32.043829	-103.495310	
14,900.00	90.00	359.52	9,850.00	4,984.74	-654.02	380,790.69	800,994.49	32.044104	-103.495310	
15,000.00	90.00	359.52	9,850.00	5,084.74	-654.85	380,890.69	800,993.66	32.044379	-103.495310	
15,100.00	90.00	359.52	9,850.00	5,184.74	-655.69	380,990.69	800,992.82	32.044654	-103.495310	
15,200.00	90.00	359.52	9,850.00	5,284.73	-656.53	381,090.68	800,991.98	32.044929	-103.495310	
15,300.00	90.00	359.52	9,850.00	5,384.73	-657.37	381,190.68	800,991.14	32.045203	-103.495311	

Planning Report - Geographic

Database:	EDM r5000.141_Prod US	Local Co-ordinate Reference:	Well Green Wave 20-17 Fed 7H
Company:	WCDCS Permian NM	TVD Reference:	RKB @ 3366.40ft
Project:	Lea County (NAD83 New Mexico East)	MD Reference:	RKB @ 3366.40ft
Site:	Sec 20-T26S-R34E	North Reference:	Grid
Well:	Green Wave 20-17 Fed 7H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Permit Plan 3		

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude	
15,400.00	90.00	359.52	9,850.00	5,484.73	-658.20	381,290.67	800,990.31	32.045478	-103.495311	
15,500.00	90.00	359.52	9,850.00	5,584.72	-659.04	381,390.67	800,989.47	32.045753	-103.495311	
15,600.00	90.00	359.52	9,850.00	5,684.72	-659.88	381,490.67	800,988.63	32.046028	-103.495311	
15,700.00	90.00	359.52	9,850.00	5,784.72	-660.71	381,590.66	800,987.80	32.046303	-103.495311	
15,800.00	90.00	359.52	9,850.00	5,884.71	-661.55	381,690.66	800,986.96	32.046578	-103.495312	
15,900.00	90.00	359.52	9,850.00	5,984.71	-662.39	381,790.66	800,986.12	32.046853	-103.495312	
16,000.00	90.00	359.52	9,850.00	6,084.71	-663.23	381,890.65	800,985.28	32.047128	-103.495312	
16,100.00	90.00	359.52	9,850.00	6,184.70	-664.06	381,990.65	800,984.45	32.047402	-103.495312	
16,200.00	90.00	359.52	9,850.00	6,284.70	-664.90	382,090.64	800,983.61	32.047677	-103.495312	
16,300.00	90.00	359.52	9,850.00	6,384.70	-665.74	382,190.64	800,982.77	32.047952	-103.495313	
16,400.00	90.00	359.52	9,850.00	6,484.69	-666.57	382,290.64	800,981.94	32.048227	-103.495313	
16,500.00	90.00	359.52	9,850.00	6,584.69	-667.41	382,390.63	800,981.10	32.048502	-103.495313	
16,600.00	90.00	359.52	9,850.00	6,684.68	-668.25	382,490.63	800,980.26	32.048777	-103.495313	
16,700.00	90.00	359.52	9,850.00	6,784.68	-669.09	382,590.63	800,979.42	32.049052	-103.495313	
16,800.00	90.00	359.52	9,850.00	6,884.68	-669.92	382,690.62	800,978.59	32.049327	-103.495314	
16,900.00	90.00	359.52	9,850.00	6,984.67	-670.76	382,790.62	800,977.75	32.049601	-103.495314	
17,000.00	90.00	359.52	9,850.00	7,084.67	-671.60	382,890.61	800,976.91	32.049876	-103.495314	
17,100.00	90.00	359.52	9,850.00	7,184.67	-672.43	382,990.61	800,976.08	32.050151	-103.495314	
17,199.00	90.00	359.52	9,850.00	7,283.66	-673.26	383,089.61	800,975.25	32.050423	-103.495314	
LTP @ 17199' MD, 100' FNL, 1590' FWL										
17,200.00	90.00	359.52	9,850.00	7,284.66	-673.27	383,090.61	800,975.24	32.050426	-103.495314	
17,278.88	90.00	359.52	9,850.00	7,363.54	-673.93	383,169.48	800,974.58	32.050643	-103.495315	
PBHL; 20' FNL, 1590' FWL										
17,278.89	90.00	359.52	9,850.00	7,363.55	-673.93	383,169.50	800,974.58	32.050643	-103.495315	

Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
PBHL - Green Wave 20- - plan misses target center by 7394.33ft at 0.00ft MD (0.00 TVD, 0.00 N, 0.00 E) - Point	0.00	0.00	0.00	7,363.55	-673.93	383,169.50	800,974.58	32.050643	-103.495315	

Plan Annotations					
Measured Depth (ft)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Comment	
9,315.00	9,277.01	-273.00	-610.00	KOP & FTP @ 9315' MD, 2393' FNL, 1590' FWL	
12,035.00	9,850.00	2,119.84	-630.03	Cross section @ 12035' MD, 0' FSL, 1590' FWL	
17,199.00	9,850.00	7,283.66	-673.26	LTP @ 17199' MD, 100' FNL, 1590' FWL	
17,278.88	9,850.00	7,363.54	-673.93	PBHL; 20' FNL, 1590' FWL	

Green Wave 20-17 Fed 7H

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	5325	0	5325
8 3/4	5 1/2	17	P110	BTC	0	17279	0	9850

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

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	594	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
	594	Surf	9.0	3.3	Lead: Class C Cement + additives
	154	500' above shoe	13.2	1.4	Tail: Class H / C + additives
Production	383	500' tieback	9.0	3.3	Lead: Class H/C + additives
	1537	KOP	13.2	1.4	Tail: Class H / C + additives

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

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*		

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
---	-----------------------------

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	4610
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	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 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

- 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 Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-45733		² Pool Code 7280		³ Pool Name BRADLEY; BONE SPRING	
⁴ Property Code 316127		⁵ Property Name GREEN WAVE 20-17 FED			⁶ Well Number 7H
⁷ OGRID No. 6137		⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.			⁹ Elevation 3341.4

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
F	20	26 S	34 E		2120	NORTH	2200	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
C	17	26 S	34 E		20	NORTH	1590	WEST	LEA

¹² Dedicated Acres 480	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
---	-------------------------------	----------------------------------	-------------------------

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.

NOTE: LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1983 (NAD83) LISTED NEW MEXICO STATE PLANE. EAST COORDINATES ARE GRID (NAD83). BASIS OF BEARING AND DISTANCES USED ARE NEW MEXICO STATE PLANE. EAST COORDINATES MODIFIED TO THE SURFACE. VERTICAL DATUM NAVD88.

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.

Rebecca Deal 7/20/2020
Signature Date

Rebecca Deal, Regulatory Analyst
Printed Name

rebecca.deal@dvn.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 and correct to the best of my belief.

APRIL 24, 2020
Date of Survey

[Signature]
Signature and Seal of Professional Surveyor:

Certificate Number: FILE MONROE JARAMILLO, DES 12797
SURVEY NO. 6389A

Intent As Drilled

API # 30-025-45733		
Operator Name: DEVON ENERGY PRODUCTION CO., L.P.	Property Name: GREEN WAVE 20-17 FED	Well Number 7H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
	20	26S	34E		2550	FNL	2320	FWL	LEA
Latitude 32.029216					Longitude -103.492940				NAD 83

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
F	20	26S	34E		2547	NORTH	1590	WEST	LEA
Latitude 32.0292099					Longitude 103.4952908				NAD 83

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
C	17	26S	34E		100	NORTH	1590	WEST	LEA
Latitude 32.0504229					Longitude 103.4953142				NAD 83

Is this well the defining well for the Horizontal Spacing Unit?

Is this well an infill well? **N**

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018

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 50152

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 50152
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pkautz	None	9/21/2021