<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 <u>District II</u>

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 Rec'd 7/6/2020 - NMOCD

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

X AMENDED REPORT

		V	VELL LO	DCATIO	N AND ACK	REAGE DEDIC	CATION PLA	T			
1	API Number	r		² Pool Cod	e		³ Pool Na				
30-	-025-4604	48		98094	BOBCAT DRAW-UPR WOLFCAMP						12
⁴ Property C	⁴ Property Code			⁵ Property Name					6	Well Numbe	r
				GRE	EN WAVE 20-	32 FED STATE	СОМ			6H	
⁷ OGRID				⁸ Operator	Name				⁹ Elevation		
6137				ON ENE	RGY PRODUC	CTION COMPA	NY, L.P.			3344.1	
	¹⁰ Surface Location SL										ј L
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/We	est line	Cour	ıty
Ι	20	26 S	34 E		2424	SOUTH	329	EAS	ST	LE	A
			11 H	Bottom H	Iole Location	If Different Fr	om Surface				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/We	est line	Cour	ıty
1	32	26 S	34 E		2384	NORTH	930	EAS	ST	LE	A
¹² Dedicated Acre	¹² Dedicated Acres ¹³ Joint or Infill ¹⁴ Conse		⁴ Consolidation	n Code	•	•	¹⁵ Order No.			•	
1264.64											

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.

	N89'23'17"E_2639.69 FTN89'53'26"E_2650.57 FT		¹⁷ OPERATOR CERTIFICATION
NW CORNER SEC. 20 LAT. = 32.0361972'N ろ	N/4 CORNER SEC. 20 LAT. = 32.0362184'N	NE CORNER SEC. 20 LAT. = 32.0361753'N	I hereby certify that the information contained herein is true and complete
LONG. = 103.5004293'₩ 즉 NMSP EAST (FT) 즉	LONG. = 103.4919125'W NMSP EAST (FT)	QLONG. = 103.4833607'W NMSP EAST (FT)	to the best of my knowledge and belief, and that this organization either
N = 377902.09 ℃ E = 799430.33 ₹	N = 377930.28 E = 802069.47	ជ្ហN = 377935.34 ៣E = 804719.64	owns a working interest or unleased mineral interest in the land including
264	KICK OFF POINT FIRST #AKE POINT 2606' FSL, 1054' FEL 2252' FSL, 1042' FEL	2636	the proposed bottom hole location or has a right to drill this well at this
1.37	LAT 32.0288336'N LONG. = 103.4867553'W LONG. = 103.4867551'W	5.78	location pursuant to a contract with an owner of such a mineral or working
1	SEC. 20 KOP	ц.	interest, or to a voluntary pooling agreement or a compulsory pooling order
W/4 CORNER SEC. 20 LAT. = .32.0289.377'N LONG. = 103.5004198'W	GREEN WAVE 20-32 FED STATE COM 6H	E/4 CORNER SEC. 20	heretofore entered by the division.
	ELEV. = 3344.1' FTP LAT. = 32.0283307'N (NAD83) SURFACE	GINNER ENET (ET)	Republic Dec 5/13/2020
NMSP EAST (FT) N = 375261.22 E = 799453.63	NMSP EAST (FT)	N = 375299.06 LS N = 804742.05	A ALON & C.
¥ 26'	N = 3750/9.00 N E = 804414.98 P	264	Signature Date
SECTION CORNER -	Î Î Î Î	S SECTION CORNER	Rebecca Deal, Regulatory Analyst
LAT. = 32.0216783'N LONG. = 103.5004145'W	N89'33'30"E N89'38'12"E	[™] LAT. = 32.0216672'N LONG. = 103.4833470'W	Printed Name
NMSP EAST (FT)	2649.51 FT QUARTER CORNER 2611.14 FT LAT. = 32.0216780'N	NMSP EAST (FT) 9 N = 372657.52	rebecca.deal@dvn.com
N = 372620.35 Z E = 799475.65 Z	LONG. = 103.4918672'W NMSP EAST (FT)	ද E = 804765.39 ප	E-mail Address
5. V	N = 372640.77 E = 802124.71	'10"E	
26	AS-DRILLED	264	UCLIDVEVOD CEDTIEICATION
w/4 CORNER SEC. 29		0,18	¹⁸SURVEYOR CERTIFICATION
LAI. = 32.0144318'N 그 LONG. = 103.5003985'W	SEC. 29	긔 E/4 CORNER SEC. 29	I hereby certify that the well location shown on this plat
NMSP EAST (FT)	NOTE: LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1983	SCALED	was plotted from field notes of actual surveys made by
N = 369984.22 Z E = 799500.91	(NAD83). LISTED NEW MEXICO STATE PLANE EAST COORDINATES ARE GRID (NAD83). BASIS OF BEARING	00'30	me or under my supervision, and that the same is true
47	AND DISTANCES USED ARE NEW MEXICO STATE PLANE EAST COORDINATES MODIFIED TO THE SURFACE.	30'10 [°] E	and correct to the best of my belief.
₹ 26	ELEVATION VALUES ARE NAVD88. QUARTER CORNER LAST TAKE POINT LAT. = 32.0071665'N 2261' FNL 936' FEL	2064	
	LONG. = 103.4918767'W LAT. = 32.0009453'N	SECTION CORNER	JULY 18, 2018
SECTION CORNER ^{NO} LAT. = 32.0071758'N 기 LONG. = 103.5003928'W	N89'37'47"E N = 367361.65 2640.32 FT E = 802162.88 2649.29 FT	⊐ LAT. = 32.0071538'N LONG. = 103.4833316'W	Date of Survey
NMSP EAST (FT) N = 367344.59 5	BOTTOM OF HOLE	NMSP EAST (FT) N = 367377.75	
N = 36/344.59 E = 799523.02	SEC. 32 LONG. = 103.4863304'W NMSP EAST (FT)	QE = 804811.71	ANNO STRANK
SW CORNER SEC. 32 G LAT. = 32.0002721′N ≤	N = 364988.11 N E = 803900.81 ↔	n SE CORNER SEC. 32	
LONG. = 103.5003833'W B	L4 L3 L2 L1 +.36.04 AC	LAT. = 32.0002706 N	Signature and Seal of Protestional Surveyor:
NMSP EAST (FT) N = 364833.26 F = 700545.33	ВОТТОМ	NMSP EAST (FT)	Certificate Number: (1) 100 LAR 400 LAR 400 LAR 12797
E = 799545.33 NEW MEXICO	S/4 CORNER SEC. 32 OF HOLE	긔 E = 804831.17 	PROFESSIVE NO. 6411
TEXAS	S89'33'41"W 2643.40 FT S89'33'41"W 2643.40 FT	TEXAS	CASIC (L. CO. OTT

Intent		As Drilled	X
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API # 30-025-46048

Operator Name:	Property Name:	Well Number
DEVON ENERGY PRODUCTION	GREEN WAVE 20-32 FED STATE	6H
COMPANY, L.P.	СОМ	

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
I	20	23S	34E		2606	SOUTH	1054	EAST	LEA
	Latitude 32.0288336			Longitude 103.4867	7553			NAD 83	

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
I	20	26S	34E		2252	SOUTH	1042	EAST	LEA
	Latitude 32.0278620			Longitude 103.4867	7151			NAD 83	

Last Take Point (LTP)

UL H	Section 32	Township 26S	Range 34E	Lot 1	Feet 2261	From N/S NORTH	Feet 936	From E/W EAST	County LEA
Latitude					Longitud	le		NAD	
32.0009453				103.4	103.4863522			83	

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

Υ

Is this well an infill well?

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

API #			
30-025-46050			
Operator Name:		Property Name:	Well Number
DEVON ENERGY P	RODUCTION	GREEN WAVE 20-32 FED STATE	8H
COMPANY, L.P.		СОМ	



Rec'd 7/6/2020 - NMOCD

STATE OF NEW MEXICO COUNTY OF LEA

I, Seth Crawley, certify that; I am employed by Skyline Directional Drilling, LLC; that I did on the day(s) of 12/13/2019 to 1/28/2020 conduct or supervise the taking of MWD surveys from a depth of 212 feet to a depth of 22,955 feet; that the data is true, correct, complete and within the limitations of the tool as set forth by Skyline Directional Drilling, LLC; that I am authorized and qualified to make this report; that this survey was conducted at the request of Devon Energy Production Co. for the GREEN WAVE 20-32 FED STATE COM 6H, with the API #30-025-46048 in Bobcat Draw/Upper Wolcamp field of Lea County, New Mexico; and that I have reviewed this report and find that it conforms to the principles and procedures as set forth by Skyline Directional Drilling, LLC.

Seth Crawley

Seth Crawley Senior Well Planner



Devon Energy Production Company, L.P.

Lea Co, New Mexico (NAD-83) Green Wave 20-32 Fed State Com 6H Green Wave 20-32 Fed State Com 6H 30-025-46048 Sidetrack #1

Design: Sidetrack #1

Standard Survey Report

25 March, 2020





Survey Report



Company: Project: Site: Well: Wellbore: Design:	Devon Energy Pro Lea Co, New Mex Green Wave 20-3 Green Wave 20-3 Sidetrack #1 Sidetrack #1	tico (NAD-83) 2 Fed State Com	6H	TVD Refer MD Refere North Ref	ence: erence: alculation Meth		3344.1+24 @ 3		us 168)	
-		Mexico (NAD-83)	Database.			Compass_Doin			
Project	Lea Co, New	Mexico (INAD-63)							
Map System: Geo Datum: Map Zone:	US State Plan North America New Mexico E	n Datum 1983		System	Datum:		Mean Sea Leve	el		
Site	Green Wave	20-32 Fed State	Com 6H							
Site Position: From: Position Uncertai	Map nty:		Northing: Easting: Slot Radius:		75,079.00 usft 04,414.98 usft 13-3/16 "	Latitude: Longitude	ə:		32° 1' 41.9 103° 29' 3.8	
Well	Green Wave	20-32 Fed State 0	Com 6H							
Well Position Position Uncertai Grid Convergence	2	0.0 usft 0.0 usft 0.0 usft 0.45 °	Northing: Easting: Wellhead Ele	evation:	375,079. 804,414.		Latitude: Longitude: Ground Level:		32° 1' 41.9 103° 29' 3.8 3,344.4	398 W
Wellbore	Sidetrack #1									
Trensore	Chactraok #1									
Magnetics	Model N	ame s GRF2015	Sample Date 1/17/2020		lination (°) 6.62		i p Angle (°) 59.86		l Strength (nT) 7,566.15971649	
Design	Sidetrack #1									
Audit Notes:										
Version:	1.0		Phase:	ACTUAL		Tie On Depth	:		18,53	32.0
Vertical Section:		Depth Fro (us		+N/-S (usft)		+E/-W (usft)		Direction (°)		
		(0.0	. ,	0.0	0.0			79.51	
Survey Program		Date 3/25/20)20							
From (usft)	To (usft)	Survey (Wellbor	re)		Tool Name		Description			
212 18,599) Survey #1 (Later) Survey #2 (Sider	,		MWD MWD		MWD - Skyline MWD - Skyline			
Survey										
Measure Depth (usft)	d Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
	0.0 0.00		0.0	0.0	0.0	0.0	0.00	0.00	0.00	
212			212.0	0.0	-0.6	0.0	0.14	0.14	0.00	
302			302.0	0.3	-1.2	-0.3	0.58	0.44	46.67	
393 485			393.0 485.0	0.8 1.0	-1.9 -2.3	-0.8 -1.0	0.49 0.10	-0.44 0.00	-27.25 20.11	
570	6.0 0.40	290.30	576.0	1.2	-2.8	-1.2	0.14	0.11	-14.95	
66	7.0 0.80		667.0	1.8	-3.4	-1.9	0.59	0.44	40.77	
759	0 070	222 50	759.0	2.0	4.0	2.0	0.14	0.11	6 70	

758.0

880.0

0.70

0.60

333.50

23.90

758.0

880.0

-4.0

-4.1

-2.9

-4.2

0.14

0.46

-0.11

-0.08

2.9

4.1

6.70

41.31



Survey Report



Company:	Devon Energy Production Company, L.P.	Local Co-ordinate Reference:	Site Green Wave 20-32 Fed State Com 6H
Project:	Lea Co, New Mexico (NAD-83)	TVD Reference:	3344.1+24 @ 3368.1usft (Cactus 168)
Site:	Green Wave 20-32 Fed State Com 6H	MD Reference:	3344.1+24 @ 3368.1usft (Cactus 168)
Well:	Green Wave 20-32 Fed State Com 6H	North Reference:	Grid
Wellbore:	Sidetrack #1	Survey Calculation Method:	Minimum Curvature
Design:	Sidetrack #1	Database:	Compass_DSN

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
972.0	0.80	25.90	972.0	5.1	-3.6	-5.2	0.22	0.22	2.17
1,063.0	0.90	16.30	1,063.0	6.4	-3.1	-6.4	0.19	0.11	-10.55
1,155.0	0.60	44.80	1,154.9	7.4	-2.6	-7.5	0.51	-0.33	30.98
1,246.0	0.40	37.80	1,245.9	8.0	-2.1	-8.0	0.23	-0.22	-7.69
1,337.0	0.60	74.50	1,336.9	8.4	-1.4	-8.4	0.40	0.22	40.33
1,428.0	1.50	301.20	1,427.9	9.1	-2.0	-9.2	2.15	0.99	-146.48
1,522.0	2.40	284.30	1,521.9	10.3	-4.9	-10.3	1.13	0.96	-17.98
1,616.0	2.60	284.90	1,615.8	11.3	-8.9	-11.4	0.21	0.21	0.64
1,711.0	2.80	292.10	1,710.7	12.7	-13.1	-12.8	0.41	0.21	7.58
1,806.0	2.30	290.40	1,805.6	14.3	-17.1	-14.4	0.53	-0.53	-1.79
1,900.0	2.70	289.60	1,899.5	15.7	-20.9	-15.8	0.43	0.43	-0.85
1,995.0	3.00	285.60	1,994.4	17.1	-25.4	-17.3	0.38	0.32	-4.21
2,090.0	3.10	280.00	2,089.2	18.2	-30.4	-18.5	0.33	0.11	-5.89
2,184.0	2.10	254.30	2,183.1	18.2	-34.5	-18.5	1.61	-1.06	-27.34
2,278.0	1.80	256.90	2,277.1	17.4	-37.6	-17.7	0.33	-0.32	2.77
2,373.0	1.90	246.60	2,372.0	16.4	-40.5	-16.8	0.36	0.11	-10.84
2,468.0	1.50	193.10	2,467.0	14.6	-42.2	-14.9	1.65	-0.42	-56.32
2,562.0	0.60	31.90	2,561.0	13.8	-42.3	-14.2	2.21	-0.96	-171.49
2,656.0	1.00	22.40	2,655.0	15.0	-41.7	-15.3	0.45	0.43	-10.11
2,750.0	0.80	57.60	2,749.0	16.1	-40.8	-16.4	0.61	-0.21	37.45
2,844.0	0.70	32.40	2,843.0	16.9	-40.0	-17.3	0.36	-0.11	-26.81
2,938.0	0.40	31.70	2,937.0	17.7	-39.5	-18.0	0.32	-0.32	-0.74
3,033.0	0.20	279.40	3,032.0	18.0	-39.5	-18.3	0.54	-0.21	-118.21
3,127.0	0.40	261.60	3,126.0	18.0	-39.9	-18.3	0.23	0.21	-18.94
3,221.0	0.70	245.50	3,220.0	17.7	-40.8	-18.0	0.36	0.32	-17.13
3,315.0	1.10	247.60	3,313.9	17.1	-42.2	-17.5	0.43	0.43	2.23
3,409.0	1.20	240.40	3,407.9	16.3	-43.8	-16.6	0.19	0.11	-7.66
3,504.0	1.50	235.30	3,502.9	15.1	-45.7	-15.5	0.34	0.32	-5.37
3,596.0	2.80	249.80	3,594.8	13.6	-48.8	-14.0	1.52	1.41	15.76
3,690.0	2.90	237.80	3,688.7	11.6	-53.0	-12.0	0.64	0.11	-12.77
3,784.0	3.30	267.60	3,782.6	10.2	-57.7	-10.7	1.74	0.43	31.70
3,878.0	3.30	264.00	3,876.4	9.8	-63.1	-10.3	0.22	0.00	-3.83
3,971.0	3.50	280.10	3,969.3	10.0	-68.6	-10.6	1.05	0.22	17.31
4,065.0	5.10	299.00	4,063.0	12.5	-75.0	-13.2	2.25	1.70	20.11
4,159.0	6.20	305.30	4,156.6	17.5	-82.8	-18.2	1.34	1.17	6.70
4,254.0	7.90	298.30	4,250.8	23.5	-92.8	-24.3	2.00	1.79	-7.37
4,348.0	6.70	304.70	4,344.1	29.7	-103.0	-30.6	1.54	-1.28	6.81
4,442.0	8.40	291.50	4,437.3	35.4	-113.9	-36.3	2.57	1.81	-14.04
4,536.0	10.20	280.50	4,530.0	39.4	-128.4	-40.5	2.68	1.91	-11.70
4,630.0	10.30	281.70	4,622.5	42.6	-144.9	-43.9	0.25	0.11	1.28
4,724.0	9.50	277.70	4,715.1	45.4	-160.8	-46.7	1.12	-0.85	-4.26
4,818.0	7.50	274.40	4,808.1	46.9	-174.6	-48.4	2.19	-2.13	-3.51
4,912.0	8.30	286.80	4,901.2	49.3	-187.2	-50.9	2.00	0.85	13.19



Survey Report



Company:	Devon Energy Production Company, L.P.	Local Co-ordinate Reference:	Site Green Wave 20-32 Fed State Com 6H
Project:	Lea Co, New Mexico (NAD-83)	TVD Reference:	3344.1+24 @ 3368.1usft (Cactus 168)
Site:	Green Wave 20-32 Fed State Com 6H	MD Reference:	3344.1+24 @ 3368.1usft (Cactus 168)
Well:	Green Wave 20-32 Fed State Com 6H	North Reference:	Grid
Wellbore:	Sidetrack #1	Survey Calculation Method:	Minimum Curvature
Design:	Sidetrack #1	Database:	Compass_DSN

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,006.0	10.20	279.40	4,994.0	52.6	-201.9	-54.4	2.38	2.02	-7.87
5,100.0	10.00	275.00	5,086.5	54.7	-218.2	-56.6	0.85	-0.21	-4.68
5,194.0	8.80	272.70	5,179.3	55.7	-233.6	-57.7	1.34	-1.28	-2.45
5,288.0	9.90	283.30	5,272.0	57.9	-248.6	-60.1	2.17	1.17	11.28
5,381.0	8.70	284.40	5,363.8	61.5	-263.2	-63.8	1.30	-1.29	1.18
5,475.0	8.90	282.00	5,456.7	64.8	-277.2	-67.2	0.44	0.21	-2.55
5,570.0	10.40	286.90	5,550.3	68.8	-292.6	-71.3	1.80	1.58	5.16
5,665.0	13.50	296.80	5,643.3	76.3	-310.7	-79.0	3.90	3.26	10.42
5,760.0	13.70	299.00	5,735.6	86.8	-330.4	-89.6	0.58	0.21	2.32
5,854.0	13.10	298.00	5,827.1	97.2	-349.6	-100.2	0.68	-0.64	-1.06
5,949.0	12.40	297.50	5,919.7	106.9	-368.1	-110.1	0.75	-0.74	-0.53
6,043.0	12.20	298.20	6,011.6	116.3	-385.8	-119.6	0.27	-0.21	0.74
6,137.0	11.40	290.70	6,103.6	124.3	-403.3	-127.7	1.84	-0.85	-7.98
6,232.0	11.50	279.60	6,196.7	129.2	-421.4	-132.8	2.32	0.11	-11.68
6,325.0	10.60	277.30	6,288.0	131.8	-439.0	-135.6	1.08	-0.97	-2.47
6,420.0	9.50	275.80	6,381.5	133.7	-455.5	-137.6	1.19	-1.16	-1.58
6,514.0	10.30	280.80	6,474.1	136.1	-471.5	-140.1	1.25	0.85	5.32
6,608.0	10.00	281.70	6,566.6	139.3	-487.7	-143.5	0.36	-0.32	0.96
6,702.0	9.80	281.60	6,659.2	142.6	-503.5	-146.9	0.21	-0.21	-0.11
6,796.0	9.40	280.40	6,751.9	145.6	-518.9	-150.0	0.48	-0.43	-1.28
6,889.0	9.50	280.00	6,843.7	148.3	-534.0	-152.8	0.13	0.11	-0.43
6,983.0	9.30	280.10	6,936.4	150.9	-549.1	-155.6	0.21	-0.21	0.11
7,077.0	9.00	279.40	7,029.2	153.5	-563.8	-158.3	0.34	-0.32	-0.74
7,171.0	8.90	279.90	7,122.1	155.9	-578.2	-160.9	0.13	-0.11	0.53
7,266.0	8.40	278.80	7,216.0	158.2	-592.3	-163.3	0.55	-0.53	-1.16
7,360.0	7.90	276.70	7,309.0	160.1	-605.5	-165.2	0.62	-0.53	-2.23
7,454.0	7.40	276.60	7,402.2	161.5	-617.9	-166.8	0.53	-0.53	-0.11
7,548.0	7.00	276.10	7,495.5	162.8	-629.7	-168.2	0.43	-0.43	-0.53
7,641.0	6.10	273.00	7,587.8	163.7	-640.2	-169.1	1.04	-0.97	-3.33
7,736.0	3.60	269.10	7,682.5	163.9	-648.3	-169.4	2.65	-2.63	-4.11
7,830.0	1.20	258.00	7,776.4	163.6	-652.2	-169.2	2.59	-2.55	-11.81
7,924.0	1.00	246.60	7,870.4	163.1	-653.9	-168.7	0.31	-0.21	-12.13
8,018.0	1.00	237.40	7,964.4	162.3	-655.3	-167.9	0.17	0.00	-9.79
8,112.0	1.30	238.20	8,058.4	161.3	-656.9	-166.9	0.32	0.32	0.85
8,207.0	1.20	221.70	8,153.3	160.0	-658.5	-165.6	0.39	-0.11	-17.37
8,300.0	1.00	223.50	8,246.3	158.7	-659.7	-164.3	0.22	-0.22	1.94
8,394.0	1.10	224.90	8,340.3	157.5	-660.9	-163.1	0.11	0.11	1.49
8,488.0	1.10	217.90	8,434.3	156.1	-662.1	-161.8	0.14	0.00	-7.45
8,582.0	1.70	299.70	8,528.3	156.1	-663.9	-161.8	2.01	0.64	87.02
8,676.0	1.50	301.90	8,622.2	157.4	-666.1	-163.1	0.22	-0.21	2.34
8,770.0	1.40	295.50	8,716.2	158.6	-668.2	-164.3	0.20	-0.11	-6.81
8,865.0	1.10	284.50	8,811.2	159.3	-670.1	-165.0	0.40	-0.32	-11.58
8,959.0	1.10	282.70	8,905.2	159.7	-671.9	-165.5	0.04	0.00	-1.91



Survey Report



Company:	Devon Energy Production Company, L.P.	Local Co-ordinate Reference:	Site Green Wave 20-32 Fed State Com 6H
Project:	Lea Co, New Mexico (NAD-83)	TVD Reference:	3344.1+24 @ 3368.1usft (Cactus 168)
Site:	Green Wave 20-32 Fed State Com 6H	MD Reference:	3344.1+24 @ 3368.1usft (Cactus 168)
Well:	Green Wave 20-32 Fed State Com 6H	North Reference:	Grid
Wellbore:	Sidetrack #1	Survey Calculation Method:	Minimum Curvature
Design:	Sidetrack #1	Database:	Compass_DSN

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
9,053.0	1.10	268.90	8,999.1	159.9	-673.7	-165.7	0.28	0.00	-14.68
9,148.0	1.20	266.30	9,094.1	159.8	-675.6	-165.6	0.12	0.11	-2.74
9,242.0	1.10	262.40	9,188.1	159.7	-677.4	-165.4	0.14	-0.11	-4.15
9,336.0	1.30	265.00	9,282.1	159.4	-679.4	-165.2	0.22	0.21	2.77
9,430.0	1.40	263.90	9,376.1	159.2	-681.6	-165.0	0.11	0.11	-1.17
9,524.0	1.30	263.40	9,470.0	159.0	-683.8	-164.8	0.11	-0.11	-0.53
9,618.0	1.40	266.20	9,564.0	158.8	-686.0	-164.6	0.13	0.11	2.98
9,712.0	1.10	261.80	9,658.0	158.6	-688.1	-164.5	0.33	-0.32	-4.68
9,806.0	1.20	270.40	9,752.0	158.5	-689.9	-164.3	0.21	0.11	9.15
9,901.0	1.40	281.80	9,846.9	158.7	-692.1	-164.6	0.34	0.21	12.00
9,995.0	1.60	275.60	9,940.9	159.1	-694.5	-165.0	0.27	0.21	-6.60
10,089.0	1.70	305.50	10,034.9	160.0	-696.9	-166.0	0.91	0.11	31.81
10,184.0	0.90	329.50	10,129.8	161.5	-698.5	-167.4	1.00	-0.84	25.26
10,278.0	1.20	30.00	10,223.8	162.9	-698.3	-168.9	1.16	0.32	64.36
10,373.0	1.60	11.60	10,318.8	165.1	-697.6	-171.1	0.63	0.42	-19.37
10,467.0	1.10	330.20	10,412.8	167.2	-697.8	-173.1	1.13	-0.53	-44.04
10,562.0	1.20	328.20	10,507.8	168.8	-698.7	-174.8	0.11	0.11	-2.11
10,656.0	1.40	311.60	10,601.7	170.4	-700.1	-176.4	0.45	0.21	-17.66
10,750.0	1.80	300.50	10,695.7	171.9	-702.2	-177.9	0.54	0.43	-11.81
10,845.0	1.20	301.10	10,790.7	173.2	-704.4	-179.2	0.63	-0.63	0.63
10,940.0	1.10	306.70	10,885.7	174.3	-706.0	-180.3	0.16	-0.11	5.89
11,033.0	0.70	313.70	10,978.6	175.2	-707.1	-181.2	0.45	-0.43	7.53
11,127.0	0.40	358.70	11,072.6	175.9	-707.5	-182.0	0.54	-0.32	47.87
11,221.0	0.30	334.70	11,166.6	176.5	-707.6	-182.5	0.19	-0.11	-25.53
11,315.0	0.00	161.00	11,260.6	176.7	-707.7	-182.7	0.32	-0.32	0.00
11,410.0	1.00	305.90	11,355.6	177.2	-708.4	-183.2	1.05	1.05	0.00
11,504.0	1.20	304.80	11,449.6	178.2	-709.9	-184.3	0.21	0.21	-1.17
11,599.0 11,694.0	2.60 2.50	276.00 272.10	11,544.6 11,639.5	179.0 179.3	-712.8 -717.1	-185.1	1.74 0.21	1.47 -0.11	-30.32 -4.11
11,694.0	2.50	272.10 259.60	11,639.5	179.3 179.0	-717.1 -721.3	-185.4 -185.1	0.21	-0.11 0.21	-4.11 -13.30
11,911.0	3.70	246.10	11,856.2	176.8	-727.8	-183.1	1.01	0.81	-10.98
12,005.0	2.50	286.50	11,950.0	176.2	-732.5	-182.5	2.57	-1.28	42.98
12,099.0	2.00	278.40	12,044.0	177.0	-736.1	-183.3	0.63	-0.53	-8.62
12,194.0	1.90	276.10	12,138.9	177.4 177.1	-739.3	-183.7	0.13	-0.11	-2.42
12,288.0	0.70	216.10	12,232.9	177.1	-741.2	-183.5	1.77	-1.28	-63.83
12,382.0	0.30	45.70	12,326.9	176.8	-741.3	-183.2	1.06	-0.43	-181.28
12,475.0	5.60	153.70	12,419.7	172.9	-739.2	-179.3	6.13	5.70	116.13
12,549.0	12.00	158.00	12,492.8	162.6	-734.7	-168.8	8.69	8.65	5.81
12,569.0	14.00	159.80	12,512.3	158.4	-733.1	-164.6	10.20	10.00	9.00
12,664.0	30.10	169.90	12,600.1	123.9	-724.9	-130.1	17.35	16.95	10.63
12,712.0	38.60	176.30	12,639.7	97.0	-721.8	-103.2	19.22	17.71	13.33
12,757.0	48.10	176.80	12,672.4	66.2	-719.9	-72.4	21.12	21.11	1.11
12,803.0	57.00	177.30	12,700.4	29.8	-718.1	-35.9	19.37	19.35	1.09
12,830.0	61.90	177.80	12,714.1	6.6	-717.1	-12.7	18.22	18.15	1.85



SuRec'do7/6/2020 - NMOCD



Company:	Devon Energy Production Company, L.P.	Local Co-ordinate Reference:	Site Green Wave 20-32 Fed State Com 6H
Project:	Lea Co, New Mexico (NAD-83)	TVD Reference:	3344.1+24 @ 3368.1usft (Cactus 168)
Site:	Green Wave 20-32 Fed State Com 6H	MD Reference:	3344.1+24 @ 3368.1usft (Cactus 168)
Well:	Green Wave 20-32 Fed State Com 6H	North Reference:	Grid
Wellbore:	Sidetrack #1	Survey Calculation Method:	Minimum Curvature
Design:	Sidetrack #1	Database:	Compass_DSN

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
12,880.0	71.60	178.40	12,733.8	-39.3	-715.6	33.2	19.43	19.40	1.20
12,928.0	74.50	179.10	12,747.8	-85.2	-714.6	79.1	6.20	6.04	1.46
12,974.0	76.10	177.90	12,759.5	-129.7	-713.4	123.5	4.30	3.48	-2.61
13,022.0	75.50	176.80	12,771.2	-176.1	-711.2	170.0	2.55	-1.25	-2.29
13,068.0	77.00	175.90	12,782.2	-220.7	-708.4	214.7	3.77	3.26	-1.96
13,144.0	84.40	177.90	12,794.4	-295.6	-704.4	289.5	10.08	9.74	2.63
13,162.0	84.20	178.50	12,796.2	-313.5	-703.8	307.4	3.50	-1.11	3.33
13,256.0	87.30	176.60	12,803.2	-407.1	-699.8	401.1	3.86	3.30	-2.02
13,349.0	92.90	177.80	12,803.0	-500.0	-695.2	494.0	6.16	6.02	1.29
13,444.0	91.80	177.80	12,799.1	-594.8	-691.6	588.9	1.16	-1.16	0.00
13,538.0	90.60	178.00	12,797.2	-688.7	-688.1	682.8	1.29	-1.28	0.21
13,632.0	89.10	178.50	12,797.4	-782.7	-685.3	776.8	1.68	-1.60	0.53
13,726.0	93.00	178.50	12,795.7	-876.6	-682.8	870.7	4.15	4.15	0.00
13,820.0	91.80	179.20	12,791.7	-970.5	-680.9	964.6	1.48	-1.28	0.74
13,915.0	92.50	178.00	12,788.2	-1,065.4	-678.6	1,059.6	1.46	0.74	-1.26
14,009.0	93.50	178.80	12,783.3	-1,159.2	-676.0	1,153.4	1.36	1.06	0.85
14,104.0	93.30	178.10	12,777.6	-1,254.0	-673.4	1,248.2	0.77	-0.21	-0.74
14,198.0	92.90	178.50	12,772.5	-1,347.9	-670.6	1,342.1	0.60	-0.43	0.43
14,292.0	92.30	178.30	12,768.3	-1,441.7	-668.0	1,436.0	0.67	-0.64	-0.21
14,387.0	89.90	178.40	12,766.5	-1,536.7	-665.3	1,530.9	2.53	-2.53	0.11
14,481.0	87.30	177.80	12,768.8	-1,630.6	-662.2	1,624.8	2.84	-2.77	-0.64
14,575.0	88.90	178.50	12,771.9	-1,724.5	-659.1	1,718.8	1.86	1.70	0.74
14,669.0	88.90	178.20	12,773.7	-1,818.4	-656.4	1,812.7	0.32	0.00	-0.32
14,763.0	91.60	179.90	12,773.3	-1,912.4	-654.9	1,906.7	3.39	2.87	1.81
14,857.0	89.30	177.80	12,772.5	-2,006.3	-653.0	2,000.7	3.31	-2.45	-2.23
14,951.0	90.50	174.30	12,772.7	-2,100.1	-646.5	2,094.5	3.94	1.28	-3.72
15,044.0	89.40	172.90	12,772.8	-2,192.5	-636.1	2,187.0	1.91	-1.18	-1.51
15,138.0	90.20	174.50	12,773.1	-2,286.0	-625.8	2,280.5	1.90	0.85	1.70
15,232.0	89.50	172.70	12,773.3	-2,379.4	-615.4	2,374.0	2.05	-0.74	-1.91
15,335.0	87.80	171.20	12,775.8	-2,481.3	-600.9	2,476.1	2.20	-1.65	-1.46
15,430.0	91.40	175.30	12,776.4	-2,575.6	-589.8	2,570.5	5.74	3.79	4.32
15,524.0	91.90	177.00	12,773.7	-2,669.4	-583.5	2,664.3	1.88	0.53	1.81
15,619.0	92.70	179.80	12,769.9	-2,764.2	-580.8	2,759.2	3.06	0.84	2.95
15,713.0	92.20	179.70	12,765.9	-2,858.2	-580.4	2,853.1	0.54	-0.53	-0.11
15,807.0	91.30	182.60	12,763.0	-2,952.1	-582.3	2,947.0	3.23	-0.96	3.09
15,902.0	89.80	181.40	12,762.1	-3,047.0	-585.6	3,041.9	2.02	-1.58	-1.26
15,996.0	90.50	182.30	12,761.9	-3,141.0	-588.6	3,135.8	1.21	0.74	0.96
16,090.0	89.30	182.30	12,762.0	-3,234.9	-592.4	3,229.7	1.28	-1.28	0.00
16,185.0	93.00	184.10	12,760.1	-3,329.7	-597.7	3,324.5	4.33	3.89	1.89
16,278.0	88.90	184.20	12,758.6	-3,422.4	-604.4	3,417.1	4.41	-4.41	0.11
16,372.0	87.90	184.00	12,761.2	-3,516.1	-611.2	3,510.8	1.08	-1.06	-0.21
16,466.0	91.50	184.20	12,761.7	-3,609.9	-617.9	3,604.5	3.84	3.83	0.21
16,400.0	91.50 88.90	182.80	12,761.7	-3,703.7	-617.9	3,604.5 3,698.2	3.04 3.14	3.03 -2.77	-1.49
10,000.0	00.90	102.00	12,/01.4	-3,103.1	-023.0	3,090.2	3.14	-2.11	-1.49



SuRec'dor 7/6/2020 - NMOCD

Company:	Devon Energy Production Company, L.P.	Local Co-ordinate Reference:	Site Green Wave 20-32 Fed State Com 6H
Project:	Lea Co, New Mexico (NAD-83)	TVD Reference:	3344.1+24 @ 3368.1usft (Cactus 168)
Site:	Green Wave 20-32 Fed State Com 6H	MD Reference:	3344.1+24 @ 3368.1usft (Cactus 168)
Well:	Green Wave 20-32 Fed State Com 6H	North Reference:	Grid
Wellbore:	Sidetrack #1	Survey Calculation Method:	Minimum Curvature
Design:	Sidetrack #1	Database:	Compass_DSN

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
16,654.0	90.80	183.60	12,761.6	-3,797.5	-628.9	3,792.0	2.19	2.02	0.85
16,748.0	91.50	184.30	12,759.7	-3,891.3	-635.3	3,885.7	1.05	0.74	0.74
16,842.0	89.10	181.60	12,759.2	-3,985.2	-640.2	3,979.5	3.84	-2.55	-2.87
16,937.0	91.20	181.90	12,759.0	-4,080.1	-643.1	4,074.5	2.23	2.21	0.32
17,030.0	88.40	180.70	12,759.3	-4,173.1	-645.2	4,167.4	3.28	-3.01	-1.29
17,124.0	88.90	181.00	12,761.5	-4,267.0	-646.6	4,261.4	0.62	0.53	0.32
17,218.0	88.10	180.70	12,764.0	-4,361.0	-648.0	4,355.3	0.91	-0.85	-0.32
17,312.0	88.20	178.60	12,767.0	-4,454.9	-647.4	4,449.2	2.24	0.11	-2.23
17,405.0	89.90	179.60	12,768.6	-4,547.9	-645.9	4,542.2	2.12	1.83	1.08
17,500.0	92.30	179.80	12,766.7	-4,642.9	-645.4	4,637.2	2.54	2.53	0.21
17,594.0	91.50	179.90	12,763.6	-4,736.8	-645.2	4,731.1	0.86	-0.85	0.11
17,688.0	91.50	179.90	12,761.2	-4,830.8	-645.0	4,825.1	0.00	0.00	0.00
17,780.0	88.50	179.00	12,761.2	-4,922.8	-644.2	4,917.1	3.40	-3.26	-0.98
17,874.0	87.80	178.50	12,764.2	-5,016.7	-642.1	5,011.0	0.91	-0.74	-0.53
17,968.0	86.90	177.80	12,768.6	-5,110.6	-639.1	5,104.9	1.21	-0.96	-0.74
18,061.0	90.10	177.80	12,771.0	-5,203.4	-635.5	5,197.8	3.44	3.44	0.00
18,155.0	90.60	178.50	12,770.4	-5,297.4	-632.5	5,291.8	0.92	0.53	0.74
18,249.0	90.90	178.80	12,769.2	-5,391.4	-630.3	5,385.8	0.45	0.32	0.32
18,344.0	90.50	178.70	12,768.0	-5,486.3	-628.2	5,480.8	0.43	-0.42	-0.11
18,438.0	89.00	178.00	12,768.4	-5,580.3	-625.5	5,574.7	1.76	-1.60	-0.74
18,532.0	88.60	177.00	12,770.4	-5,674.2	-621.4	5,668.7	1.15	-0.43	-1.06
18,595.0	89.50	178.00	12,771.4	-5,737.1	-618.6	5,731.6	2.14	1.43	1.59
First Survey	ST								
18,618.0	89.30	178.90	12,771.7	-5,760.1	-618.0	5,754.6	4.01	-0.87	3.91
18,649.0	87.60	183.50	12,772.5	-5,791.1	-618.7	5,785.6	15.81	-5.48	14.84
18,711.0	87.80	185.20	12,775.0	-5,852.8	-623.4	5,847.3	2.76	0.32	2.74
18,806.0	89.00	184.10	12,777.7	-5,947.5	-631.1	5,941.9	1.71	1.26	-1.16
18,920.0	89.50	184.80	12,779.2	-6,061.1	-639.9	6,055.4	0.75	0.44	0.61
18,995.0	89.10	181.90	12,780.1	-6,136.0	-644.3	6,130.3	3.90	-0.53	-3.87
19,089.0	90.70	180.00	12,780.2	-6,230.0	-645.8	6,224.2	2.64	1.70	-2.02
19,184.0	90.40	179.60	12,779.3	-6,325.0	-645.5	6,319.2	0.53	-0.32	-0.42
19,278.0	92.00	178.20	12,777.4	-6,418.9	-643.7	6,413.2	2.26	1.70	-1.49
19,372.0	90.90	177.90	12,775.0	-6,512.8	-640.5	6,507.1	1.21	-1.17	-0.32
19,466.0	91.90	179.00	12,772.7	-6,606.8	-638.0	6,601.1	1.58	1.06	1.17
19,561.0	92.40	179.30	12,769.1	-6,701.7	-636.6	6,696.0	0.61	0.53	0.32
19,655.0	91.80	178.80	12,765.7	-6,795.6	-635.0	6,789.9	0.83	-0.64	-0.53
19,750.0	91.20	178.50	12,763.2	-6,890.6	-632.8	6,884.9	0.71	-0.63	-0.32
19,845.0	91.60	178.10	12,760.9	-6,985.5	-629.9	6,979.8	0.60	0.42	-0.42
19,939.0	89.80	179.30	12,759.7	-7,079.4	-627.8	7,073.8	2.30	-1.91	1.28
20,033.0	89.40	179.40	12,760.4	-7,173.4	-626.7	7,167.8	0.44	-0.43	0.11
20,126.0	89.20	179.10	12,761.5	-7,266.4	-625.5	7,260.8	0.39	-0.22	-0.32
20,221.0	88.80	178.70	12,763.2	-7,361.4	-623.7	7,355.8	0.60	-0.42	-0.42
20,315.0	89.20	179.00	12,764.8	-7,455.4	-621.8	7,449.8	0.53	0.43	0.32
20,409.0	88.20	178.60	12,766.9	-7,549.3	-619.8	7,543.7	1.15	-1.06	-0.43



Survey Report



Company:	Devon Energy Production Company, L.P.	Local Co-ordinate Reference:	Site Green Wave 20-32 Fed State Com 6H
Project:	Lea Co, New Mexico (NAD-83)	TVD Reference:	3344.1+24 @ 3368.1usft (Cactus 168)
Site:	Green Wave 20-32 Fed State Com 6H	MD Reference:	3344.1+24 @ 3368.1usft (Cactus 168)
Well:	Green Wave 20-32 Fed State Com 6H	North Reference:	Grid
Wellbore:	Sidetrack #1	Survey Calculation Method:	Minimum Curvature
Design:	Sidetrack #1	Database:	Compass_DSN

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
20,503.0 20,567.3	89.70 90.17	177.10 176.90	12,768.7 12,768.7	-7,643.2 -7,707.4	-616.3 -613.0	7,637.7 7,701.9	2.26 0.80	1.60 0.74	-1.60 -0.32
,	9 to 32; 20567' N		12,100.1	1,101.1	010.0	1,101.0	0.00	0.11	0.02
20,598.0	90.40	176.80	12,768.6	-7,738.1	-611.3	7,732.6	0.80	0.74	-0.32
20,692.0	90.40	176.70	12,767.9	-7,831.9	-605.9	7,826.5	0.11	0.00	-0.11
20,786.0	90.00	177.80	12,767.6	-7,925.8	-601.4	7,920.4	1.25	-0.43	1.17
20,880.0	89.50	179.90	12,768.0	-8,019.8	-599.5	8,014.4	2.30	-0.53	2.23
20,975.0	91.00	180.20	12,767.6	-8,114.8	-599.6	8,109.4	1.61	1.58	0.32
21,069.0	90.80	179.20	12,766.1	-8,208.8	-599.1	8,203.4	1.01	-0.21	-1.06
21,162.0	89.20	178.70	12,766.1	-8,301.8	-597.4	8,296.3	1.80	-1.72	-0.54
21,257.0	88.60	177.80	12,767.9	-8,396.7	-594.5	8,391.3	1.14	-0.63	-0.95
21,351.0	89.70	176.90	12,769.3	-8,490.6	-590.2	8,485.2	1.51	1.17	-0.96
21,445.0	89.40	177.80	12,770.1	-8,584.5	-585.8	8,579.2	1.01	-0.32	0.96
21,539.0	91.10	178.20	12,769.7	-8,678.4	-582.6	8,673.1	1.86	1.81	0.43
21,633.0	91.30	179.40	12,767.7	-8,772.4	-580.6	8,767.1	1.29	0.21	1.28
21,728.0	90.50	178.50	12,766.2	-8,867.3	-578.8	8,862.1	1.27	-0.84	-0.95
21,822.0	88.80	177.80	12,766.8	-8,961.3	-575.8	8,956.0	1.96	-1.81	-0.74
21,916.0	88.50	177.80	12,769.0	-9,055.2	-572.2	9,050.0	0.32	-0.32	0.00
22,011.0	90.10	177.80	12,770.1	-9,150.1	-568.6	9,144.9	1.68	1.68	0.00
22,104.0	90.00	176.50	12,770.1	-9,243.0	-563.9	9,237.8	1.40	-0.11	-1.40
22,199.0	91.50	177.00	12,768.8	-9,337.8	-558.5	9,332.7	1.66	1.58	0.53
22,293.0	91.20	177.70	12,766.6	-9,431.7	-554.2	9,426.6	0.81	-0.32	0.74
22,388.0	90.70	176.90	12,765.0	-9,526.6	-549.7	9,521.5	0.99	-0.53	-0.84
22,482.0	89.20	175.40	12,765.1	-9,620.4	-543.4	9,615.4	2.26	-1.60	-1.60
22,576.0	90.00	176.80	12,765.8	-9,714.1	-537.0	9,709.2	1.72	0.85	1.49
22,670.0	89.80	176.70	12,765.9	-9,808.0	-531.7	9,803.1	0.24	-0.21	-0.11
22,764.0	90.70	176.60	12,765.5	-9,901.8	-526.2	9,897.0	0.96	0.96	-0.11
22,858.0	90.70	176.20	12,764.4	-9,995.6	-520.3	9,990.8	0.43	0.00	-0.43
22,906.0	91.00	176.50	12,763.7	-10,043.5	-517.2	10,038.7	0.88	0.63	0.63
Last Survey		(ma s-	10		-				
22,955.0	91.00	176.50	12,762.8	-10,092.4	-514.3	10,087.7	0.00	0.00	0.00

Design Anno	ations				
	Measured	Vertical	Local Coo	rdinates	
	Depth (usft)	Depth (usft)	+N/-S (usft)	+E/-W (usft)	Comment
	18,595.0	12,771.4	-5,737.1	-618.6	First Survey ST
	20,567.3	12,768.7	-7,707.4	-613.0	Cross Sec 29 to 32; 20567' MD; 1010' FEL
	22,906.0	12,763.7	-10,043.5	-517.2	Last Survey ST
	22,955.0	12,762.8	-10,092.4	-514.3	PTB: 22955' MD; 930' FEL, 120' FCL



Survey Report



Company:	Devon Energy Production Company, L.P.	Local Co-ordinate Reference:	Site Green Wave 20-32 Fed State Com 6H
Project:	Lea Co, New Mexico (NAD-83)	TVD Reference:	3344.1+24 @ 3368.1usft (Cactus 168)
Site:	Green Wave 20-32 Fed State Com 6H	MD Reference:	3344.1+24 @ 3368.1usft (Cactus 168)
Well:	Green Wave 20-32 Fed State Com 6H	North Reference:	Grid
Wellbore:	Sidetrack #1	Survey Calculation Method:	Minimum Curvature
Design:	Sidetrack #1	Database:	Compass_DSN

Checked By:

Approved By:

Date: