

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

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

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

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Steward Energy II, LLC 2600 Dallas Parkway, Suite 400, Frisco TX 75034		² OGRID Number 371682	
		³ Reason for Filing Code/ Effective Date NW	
⁴ API Number 30 - 025-49708	⁵ Pool Name San Andres Formation Bronco; San Andres, South		⁶ Pool Code 7500
⁷ Property Code 332055	⁸ Property Name VAMONOS FEE		⁹ Well Number 005H

II. ¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
M	22	13S	38E	M	263	SOUTH	173	WEST	Lea

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	27	13S	38E	M	49	SOUTH	1212	WEST	Lea
¹² Lse Code P	¹³ Producing Method Code F	¹⁴ Gas Connection Date 5/12/22	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
371407	STAKEHOLDER MIDSTREAM CRUDE OIL PIPELINE, LLC 401 East Sonterra Blvd, Suite 215 San Antonio, TX 78258	O
371874	Stakeholder Gas Services, LLC 401 East Sonterra Blvd, Suite 215 San Antonio, TX 78258	G

IV. Well Completion Data

²¹ Spud Date 3/24/2022	²² Ready Date 4/17/2022	²³ TD 11097'	²⁴ PBDT 11084'	²⁵ Perforations: 5938-11016'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
12.25	9.625	2290'	664 sx		
8.5	7	5612			
8.5	5.5	11095'	2344 sx		

V. Well Test Data

³¹ Date New Oil 5/12/2022	³² Gas Delivery Date: 5/12/2022	³³ Test Date: 6/17/2022	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 304	³⁶ Csg. Pressure 146
³⁷ Choke Size 0	³⁸ Oil 458	³⁹ Water 3358	⁴⁰ Gas 239		⁴¹ Test Method: Flowing

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Kristina Lee*

Printed name:

Kristina Lee

Title:

Regulatory Consultant

E-mail Address:

krislee@skybeam.com

Date: 8/18/2022

Phone:

303.884.4229

OIL CONSERVATION DIVISION

Approved by: **PATRICIA MARTINEZ**

Title: **PETROLEUM SPECIALIST**

Approval Date: **11/15/2022**

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

Revised August 1, 2011
 Submit one copy to appropriate
 District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION AS-DRILLED PLAT

¹ API Number 30-025-49708	² Pool Code 7500	³ Pool Name BRANCO; SAN ANDRES, SOUTH
⁴ Property Code 332055	Property Name VAMONOS FEE	⁶ Well Number 5H
⁷ OGRID No. 371682	⁸ Operator Name STEWARD ENERGY II, LLC.	⁹ Elevation 3811'

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
M	22	13S	38E		263	SOUTH	173	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
M	27	13S	38E		49	SOUTH	1212	WEST	LEA
¹² Dedicated Acres 320.0	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.

	CORNER COORDINATES NAD 83, SPCS NM EAST A - X: 923373.22' / Y: 791647.30' B - X: 923452.61' / Y: 786354.26' C - X: 920801.13' / Y: 786324.65' D - X: 920728.15' / Y: 791615.48'	CORNER COORDINATES NAD 27, SPCS NM EAST A - X: 882197.31' / Y: 791584.48' B - X: 882276.68' / Y: 786291.59' C - X: 879625.19' / Y: 786261.85' D - X: 879552.24' / Y: 791552.54'	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature: <i>Vanessa Lopez</i> Date: 8/18/2022 Printed Name: Vanessa Lopez E-mail Address: vanessa.lopez@stewardenergy.com
	SURFACE HOLE LOCATION 263' FSL 173' FWL, SECTION 22 0' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 920897.97' / Y: 791881.02' LAT: 33.17067370N / LON: 103.09291772W NAD 27, SPCS NM EAST X: 879722.07' / Y: 791818.08' LAT: 33.17056591N / LON: 103.09241850W		
	KICK OFF POINT 696' FSL 710' FWL, SECTION 22 4657' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 921429.41' / Y: 782319.94' LAT: 33.17186247N / LON: 103.09116430W NAD 27, SPCS NM EAST X: 880253.51' / Y: 792257.01' LAT: 33.17175475N / LON: 103.09066511W		
	FIRST TAKE POINT 106' FNL 1020' FWL, SECTION 27 5938' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 921749.83' / Y: 791521.33' LAT: 33.16965758N / LON: 103.09014833W NAD 27, SPCS NM EAST X: 880573.92' / Y: 791458.44' LAT: 33.16954989N / LON: 103.08964920W		
	LAST TAKE POINT 132' FSL 1213' FWL, SECTION 27 11014' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 922012.55' / Y: 786469.76' LAT: 33.15576806N / LON: 103.08948597W NAD 27, SPCS NM EAST X: 880836.62' / Y: 786407.02' LAT: 33.15566035N / LON: 103.08899701W		
BOTTOM HOLE LOCATION 49' FSL 1212' FWL, SECTION 27 11097' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 922012.20' / Y: 786386.80' LAT: 33.15540111N / LON: 103.08949034W NAD 27, SPCS NM EAST X: 880836.27' / Y: 786324.06' LAT: 33.15543240N / LON: 103.08899138W			18 SURVEYOR CERTIFICATION I hereby certify that the well surface location shown on this plat was plotted from field notes of the as-staked surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Data used for underground measurements were provided by others for reference only and does not constitute field measurements performed by R-Squared Global. Date of Survey: JUNE 23, 2022 Signature and Seal of Professional Surveyor: <i>David W. Myers</i> Certificate Number: DAVID W. MYERS 11403

Distances/areas relative to NAD 83 Combined Scale Factor: 0.99990013 Convergence Angle: 00°41'16.54001"

April 4, 2022



**END OF WELL
REPORT
FOR**

**STEWARD ENERGY II, LLC
Vamonos Fee 5H
Lea County, TX
DM-2022-068-SED-T-NM**



PLAN vs ACTUAL

SURVEYS

BOTTOM HOLE ASSEMBLIES

SLIDE REPORTS

DAILY REPORTS

Steward Energy II, LLC

DrilTech, LLC

Steward Energy II, LLC

Vamonos Fee 5H Wellbore #1 Plan #2



SURFACE LOCATION

US State Plane 1983
New Mexico Eastern Zone
Elevation: GL 3811' + RKB 19' @ 3830.00ft

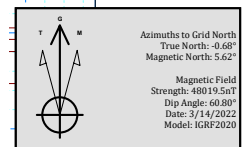
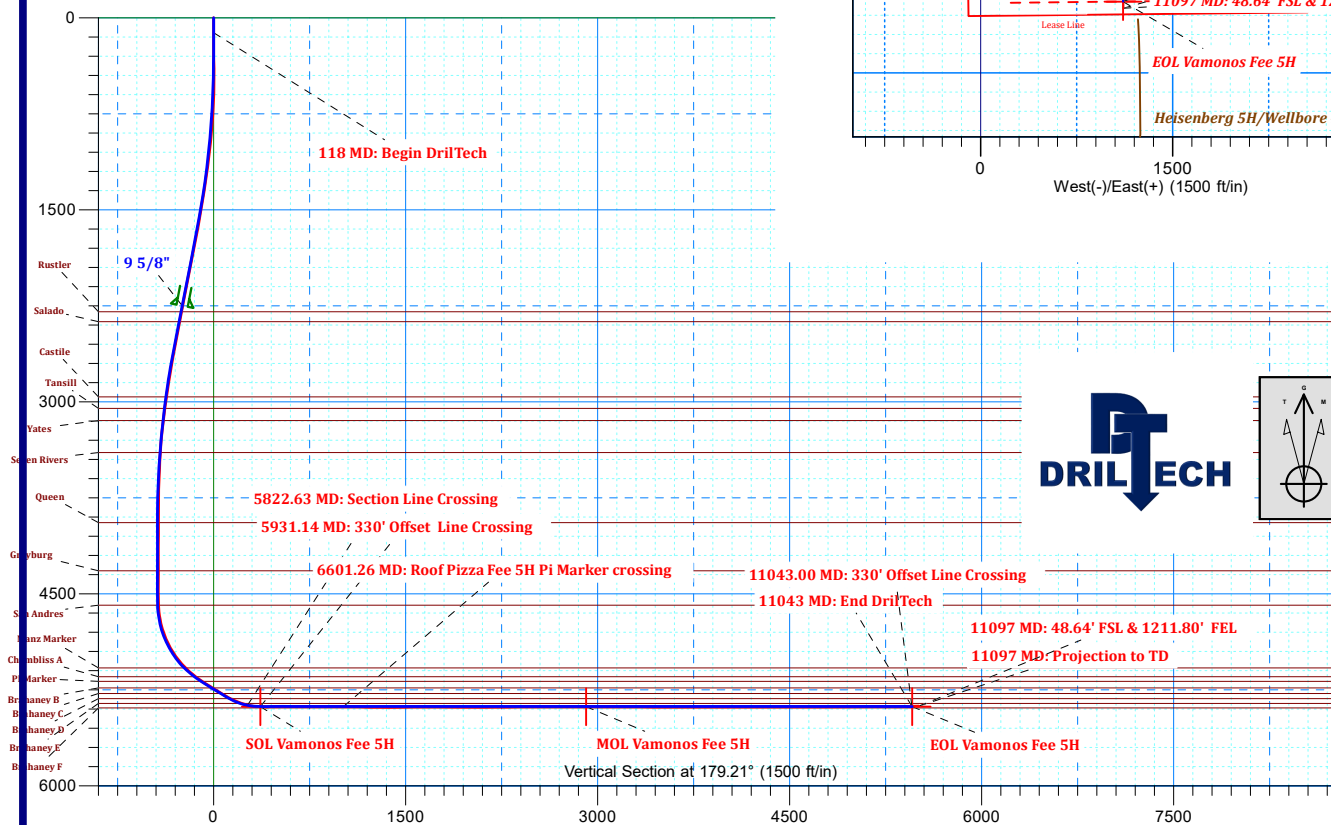
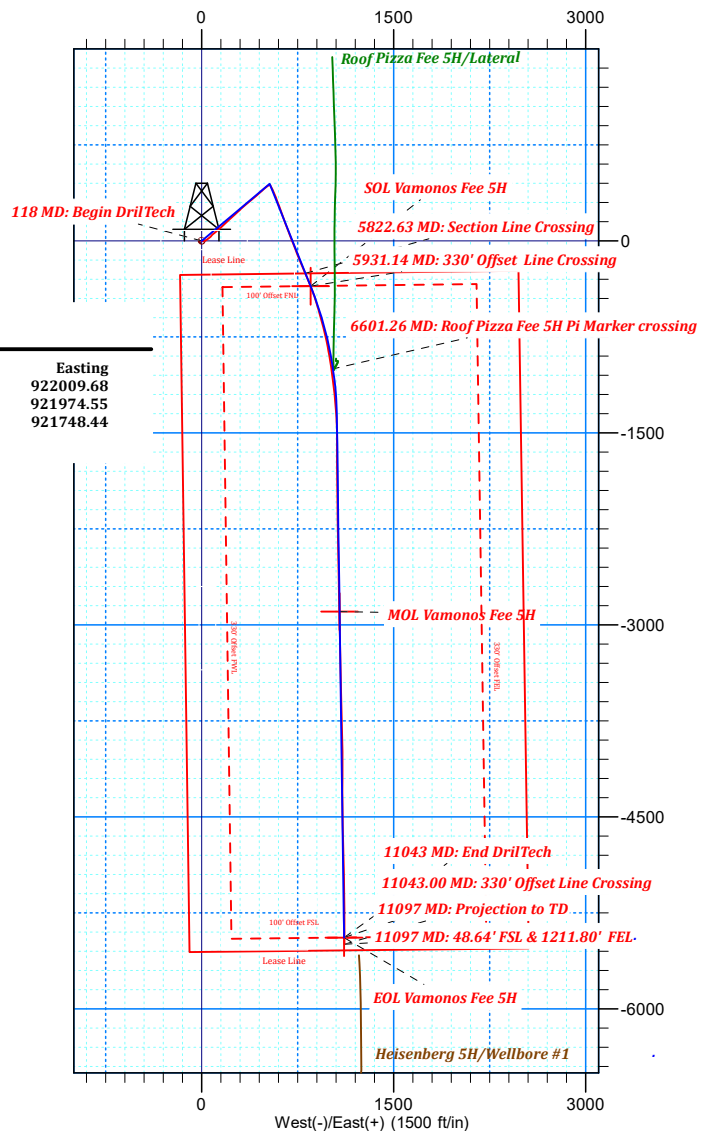
Northing	Easting	Latitude	Longitude
791881.02	920897.97	33° 10' 14.425 N	103° 5' 34.504 W

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting
EOL Vamonos Fee 5H	5382.00	-5442.88	1111.71	786438.15	922009.68
MOL Vamonos Fee 5H	5382.00	-2896.93	1076.58	788984.10	921974.55
SOL Vamonos Fee 5H	5382.00	-353.28	850.48	791527.75	921748.44

LATERAL SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	Vsect
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00
1660.00	17.00	49.93	1640.13	128.93	153.27	1.25	-126.80
2660.00	17.00	49.93	2596.44	317.13	377.01	0.00	-311.91
4020.00	0.00	0.00	3936.57	446.06	530.28	1.25	-438.71
4643.42	0.00	0.00	4559.99	446.06	530.28	0.00	-438.71
5393.42	60.00	158.17	5180.24	113.64	663.44	8.00	-104.48
5643.42	60.00	158.17	5305.24	-87.34	743.95	0.00	97.59
5943.42	90.00	158.17	5382.00	-353.28	850.48	10.00	364.97
6995.39	90.00	179.21	5382.00	-1379.03	1055.63	2.00	1393.45
11059.63	90.00	179.21	5382.00	-5442.88	1111.71	0.00	5457.69



Steward Energy II, LLC

Lea County, NM (NAD 83) NM East Zone

Vamonos Fee 5H

Vamonos Fee 5H

Wellbore #1

Survey: DrillTech MWD

Standard Survey Report

01 April, 2022

Survey Report

Company:	Steward Energy II, LLC	Local Co-ordinate Reference:	Well Vamonos Fee 5H
Project:	Lea County, NM (NAD 83) NM East Zone	TVD Reference:	GL 3811' + RKB 19' @ 3830.00ft
Site:	Vamonos Fee 5H	MD Reference:	GL 3811' + RKB 19' @ 3830.00ft
Well:	Vamonos Fee 5H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	edmdb

Project	Lea County, NM (NAD 83) NM East Zone		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site		Vamonos Fee 5H			
Site Position:		Northing:	791,881.02 usft	Latitude:	33° 10' 14.425 N
From:	Map	Easting:	920,897.97 usft	Longitude:	103° 5' 34.504 W
Position Uncertainty:	0.00 ft	Slot Radius:	13.200 in		

Well	Vamonos Fee 5H					
Well Position	+N/-S	0.00 ft	Northing:	791,881.02 usft	Latitude:	33° 10' 14.425 N
	+E/-W	0.00 ft	Easting:	920,897.97 usft	Longitude:	103° 5' 34.504 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	3,811.00 ft
Grid Convergence:		0.68 °				

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	3/14/2022	6.30	60.80	48,019.53155991

Design	Wellbore #1				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.00	0.00	0.00	179.21	

Survey Program	Date	4/1/2022			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
118.00	11,097.00	DrilTech MWD (Wellbore #1)	MWD	MWD - Standard	

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
118.00	0.70	244.86	118.00	-0.31	-0.65	0.30	0.59	0.59	0.00	
118 MD: Begin DrilTech										
212.00	0.88	108.01	211.99	-0.77	-0.49	0.77	1.56	0.19	-145.59	
304.00	0.88	95.09	303.98	-1.05	0.89	1.07	0.22	0.00	-14.04	
396.00	2.37	101.86	395.94	-1.51	3.46	1.56	1.63	1.62	7.36	
486.00	4.13	86.66	485.80	-1.70	8.51	1.82	2.16	1.96	-16.89	
576.00	5.80	79.45	575.46	-0.68	16.22	0.90	1.98	1.86	-8.01	
672.00	6.68	69.60	670.89	2.15	26.22	-1.79	1.44	0.92	-10.26	
767.00	7.56	58.53	765.16	7.34	36.73	-6.84	1.71	0.93	-11.65	

Survey Report

Company:	Steward Energy II, LLC	Local Co-ordinate Reference:	Well Vamonos Fee 5H
Project:	Lea County, NM (NAD 83) NM East Zone	TVD Reference:	GL 3811' + RKB 19' @ 3830.00ft
Site:	Vamonos Fee 5H	MD Reference:	GL 3811' + RKB 19' @ 3830.00ft
Well:	Vamonos Fee 5H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	edmdb

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
862.00	7.91	52.99	859.30	14.54	47.28	-13.89	0.87	0.37	-5.83	
957.00	8.53	47.72	953.32	23.22	57.71	-22.42	1.03	0.65	-5.55	
1,052.00	9.32	43.59	1,047.17	33.53	68.23	-32.58	1.07	0.83	-4.35	
1,147.00	10.11	45.70	1,140.81	44.92	79.50	-43.82	0.91	0.83	2.22	
1,242.00	11.34	49.04	1,234.15	56.87	92.52	-55.59	1.45	1.29	3.52	
1,336.00	12.93	48.51	1,326.05	69.90	107.38	-68.41	1.70	1.69	-0.56	
1,431.00	14.68	49.39	1,418.30	84.77	124.48	-83.05	1.86	1.84	0.93	
1,526.00	16.00	49.30	1,509.91	101.15	143.55	-99.16	1.39	1.39	-0.09	
1,618.00	16.09	47.81	1,598.33	117.98	162.61	-115.72	0.46	0.10	-1.62	
1,714.00	15.65	46.93	1,690.67	135.75	181.92	-133.23	0.52	-0.46	-0.92	
1,808.00	16.27	47.37	1,781.04	153.33	200.87	-150.55	0.67	0.66	0.47	
1,903.00	16.09	47.72	1,872.28	171.20	220.40	-168.14	0.22	-0.19	0.37	
1,998.00	16.53	47.28	1,963.46	189.22	240.07	-185.90	0.48	0.46	-0.46	
2,092.00	16.80	47.54	2,053.51	207.47	259.92	-203.86	0.30	0.29	0.28	
2,187.00	17.15	47.54	2,144.37	226.19	280.38	-222.30	0.37	0.37	0.00	
2,229.00	16.53	47.02	2,184.57	234.44	289.32	-230.43	1.52	-1.48	-1.24	
2,313.00	15.39	45.87	2,265.33	250.35	306.06	-246.11	1.41	-1.36	-1.37	
2,408.00	15.92	49.48	2,356.81	267.60	325.02	-263.09	1.17	0.56	3.80	
2,504.00	15.92	49.57	2,449.13	284.69	345.05	-279.90	0.03	0.00	0.09	
2,599.00	16.27	50.18	2,540.40	301.66	365.19	-296.60	0.41	0.37	0.64	
2,694.00	16.44	49.92	2,631.56	318.84	385.69	-313.49	0.19	0.18	-0.27	
2,789.00	15.30	50.27	2,722.94	335.51	405.62	-329.88	1.20	-1.20	0.37	
2,885.00	14.33	50.09	2,815.74	351.22	424.47	-345.34	1.01	-1.01	-0.19	
2,980.00	13.54	48.25	2,907.95	366.17	441.79	-360.05	0.95	-0.83	-1.94	
3,075.00	12.13	48.95	3,000.57	380.13	457.61	-373.79	1.49	-1.48	0.74	
3,170.00	10.90	46.58	3,093.66	392.86	471.67	-386.32	1.39	-1.29	-2.49	
3,266.00	9.50	47.90	3,188.14	404.41	484.14	-397.70	1.48	-1.46	1.38	
3,361.00	7.83	48.25	3,282.05	413.98	494.78	-407.12	1.76	-1.76	0.37	
3,456.00	6.51	54.58	3,376.31	421.41	504.00	-414.42	1.62	-1.39	6.66	
3,551.00	5.72	56.86	3,470.77	427.12	512.35	-420.01	0.87	-0.83	2.40	
3,647.00	4.66	51.41	3,566.37	432.17	519.41	-424.96	1.22	-1.10	-5.68	
3,741.00	3.08	68.02	3,660.16	435.49	524.73	-428.22	2.04	-1.68	17.67	
3,836.00	1.76	52.55	3,755.07	437.34	528.26	-430.01	1.54	-1.39	-16.28	
3,931.00	0.18	7.11	3,850.06	438.37	529.44	-431.03	1.72	-1.66	-47.83	
4,025.00	0.26	26.45	3,944.06	438.71	529.55	-431.37	0.11	0.09	20.57	
4,119.00	0.35	15.38	4,038.05	439.18	529.72	-431.83	0.11	0.10	-11.78	
4,214.00	0.18	73.47	4,133.05	439.50	529.94	-432.15	0.31	-0.18	61.15	
4,309.00	0.18	73.82	4,228.05	439.58	530.23	-432.23	0.00	0.00	0.37	
4,404.00	0.09	42.27	4,323.05	439.68	530.42	-432.32	0.12	-0.09	-33.21	
4,499.00	0.18	61.96	4,418.05	439.80	530.60	-432.45	0.11	0.09	20.73	
4,562.00	0.09	39.46	4,481.05	439.89	530.72	-432.53	0.16	-0.14	-35.71	
4,594.00	0.09	170.15	4,513.05	439.88	530.74	-432.52	0.51	0.00	408.41	
4,625.00	0.79	140.36	4,544.05	439.70	530.88	-432.33	2.30	2.26	-96.10	

Survey Report

Company:	Steward Energy II, LLC	Local Co-ordinate Reference:	Well Vamonos Fee 5H
Project:	Lea County, NM (NAD 83) NM East Zone	TVD Reference:	GL 3811' + RKB 19' @ 3830.00ft
Site:	Vamonos Fee 5H	MD Reference:	GL 3811' + RKB 19' @ 3830.00ft
Well:	Vamonos Fee 5H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	edmdb

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
4,657.00	2.64	145.01	4,576.03	438.92	531.44	-431.55	5.79	5.78	14.53	
4,689.00	4.84	147.04	4,607.96	437.18	532.60	-429.80	6.89	6.88	6.34	
4,721.00	7.30	148.18	4,639.78	434.32	534.41	-426.91	7.70	7.69	3.56	
4,752.00	9.50	149.32	4,670.45	430.45	536.75	-423.01	7.12	7.10	3.68	
4,784.00	11.96	149.58	4,701.89	425.32	539.78	-417.84	7.69	7.69	0.81	
4,815.00	14.77	149.41	4,732.04	419.15	543.42	-411.61	9.07	9.06	-0.55	
4,847.00	17.41	150.90	4,762.79	411.45	547.82	-403.86	8.35	8.25	4.66	
4,878.00	19.52	153.63	4,792.19	402.76	552.38	-395.10	7.35	6.81	8.81	
4,910.00	22.16	156.88	4,822.10	392.41	557.12	-384.70	9.00	8.25	10.16	
4,941.00	24.62	158.29	4,850.55	381.04	561.81	-373.25	8.14	7.94	4.55	
4,973.00	26.91	158.20	4,879.36	368.12	566.96	-360.27	7.16	7.16	-0.28	
5,004.00	29.28	158.20	4,906.71	354.56	572.39	-346.64	7.65	7.65	0.00	
5,036.00	31.83	158.73	4,934.26	339.43	578.35	-331.43	8.01	7.97	1.66	
5,067.00	34.29	158.90	4,960.24	323.67	584.46	-315.58	7.94	7.94	0.55	
5,099.00	37.11	159.16	4,986.23	306.23	591.14	-298.05	8.83	8.81	0.81	
5,131.00	39.48	159.25	5,011.34	287.69	598.18	-279.42	7.41	7.41	0.28	
5,163.00	41.68	159.69	5,035.64	268.20	605.48	-259.82	6.93	6.88	1.38	
5,194.00	43.70	160.13	5,058.43	248.46	612.70	-239.99	6.59	6.52	1.42	
5,226.00	45.99	160.48	5,081.11	227.21	620.30	-218.64	7.20	7.16	1.09	
5,257.00	48.28	160.48	5,102.20	205.80	627.90	-197.12	7.39	7.39	0.00	
5,288.00	50.91	159.96	5,122.29	183.59	635.89	-174.80	8.58	8.48	-1.68	
5,320.00	53.73	159.52	5,141.85	159.83	644.66	-150.93	8.88	8.81	-1.38	
5,351.00	56.37	158.99	5,159.61	136.07	653.66	-127.05	8.63	8.52	-1.71	
5,382.00	58.74	158.81	5,176.24	111.67	663.07	-102.52	7.66	7.65	-0.58	
5,413.00	59.27	158.99	5,192.20	86.88	672.64	-77.60	1.78	1.71	0.58	
5,445.00	59.36	158.99	5,208.53	61.19	682.51	-51.77	0.28	0.28	0.00	
5,477.00	59.53	158.90	5,224.80	35.47	692.41	-25.92	0.58	0.53	-0.28	
5,509.00	59.62	158.81	5,241.00	9.74	702.36	-0.05	0.37	0.28	-0.28	
5,540.00	59.88	158.99	5,256.62	-15.25	712.00	25.06	0.98	0.84	0.58	
5,571.00	60.15	159.08	5,272.11	-40.32	721.61	50.27	0.91	0.87	0.29	
5,603.00	60.41	158.99	5,287.98	-66.27	731.55	76.35	0.85	0.81	-0.28	
5,635.00	61.11	158.90	5,303.61	-92.33	741.58	102.55	2.20	2.19	-0.28	
5,666.00	64.02	158.64	5,317.89	-117.97	751.55	128.32	9.42	9.39	-0.84	
5,698.00	66.83	158.02	5,331.20	-145.01	762.29	155.51	8.96	8.78	-1.94	
5,730.00	69.03	157.06	5,343.22	-172.42	773.62	183.07	7.42	6.88	-3.00	
5,761.00	71.49	156.62	5,353.69	-199.24	785.10	210.05	8.05	7.94	-1.42	
5,792.00	74.48	156.79	5,362.76	-226.47	796.82	237.43	9.66	9.65	0.55	
5,822.63	77.43	156.79	5,370.19	-253.77	808.53	264.90	9.63	9.63	0.00	
5822.63 MD: Section Line Crossing										
5,824.00	77.56	156.79	5,370.49	-255.00	809.06	266.13	9.63	9.63	0.00	
5,856.00	81.07	157.41	5,376.42	-283.96	821.29	295.26	11.13	10.97	1.94	
5,887.00	84.59	157.85	5,380.29	-312.40	832.99	323.86	11.44	11.35	1.42	
5,919.00	87.49	158.29	5,382.50	-342.01	844.91	353.63	9.17	9.06	1.38	
5,931.14	88.21	158.49	5,382.96	-353.29	849.38	364.97	6.20	5.97	1.68	

Survey Report

Company:	Steward Energy II, LLC	Local Co-ordinate Reference:	Well Vamonos Fee 5H
Project:	Lea County, NM (NAD 83) NM East Zone	TVD Reference:	GL 3811' + RKB 19' @ 3830.00ft
Site:	Vamonos Fee 5H	MD Reference:	GL 3811' + RKB 19' @ 3830.00ft
Well:	Vamonos Fee 5H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	edmdb

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5931.14 MD: 330' Offset Line Crossing									
5,950.00	89.34	158.81	5,383.36	-370.85	856.25	382.62	6.20	5.97	1.68
5,982.00	90.04	159.69	5,383.53	-400.78	867.58	412.70	3.51	2.19	2.75
6,013.00	90.57	160.83	5,383.37	-429.95	878.05	442.02	4.06	1.71	3.68
6,108.00	90.92	163.21	5,382.13	-520.30	907.37	532.76	2.53	0.37	2.51
6,203.00	90.48	165.05	5,380.97	-611.67	933.35	624.48	1.99	-0.46	1.94
6,299.00	89.78	166.37	5,380.75	-704.70	957.04	717.82	1.56	-0.73	1.38
6,393.00	89.08	168.31	5,381.69	-796.40	977.64	809.80	2.19	-0.74	2.06
6,489.00	90.22	169.98	5,382.27	-890.68	995.72	904.32	2.11	1.19	1.74
6,584.00	90.22	171.91	5,381.91	-984.49	1,010.67	998.33	2.03	0.00	2.03
6,601.26	90.05	172.15	5,381.87	-1,001.58	1,013.06	1,015.45	1.71	-1.01	1.37
6601.26 MD: Roof Pizza Fee 5H Pi Marker crossing									
6,680.00	89.25	173.23	5,382.35	-1,079.68	1,023.08	1,093.68	1.71	-1.01	1.38
6,775.00	88.11	173.05	5,384.54	-1,173.97	1,034.43	1,188.12	1.21	-1.20	-0.19
6,871.00	89.60	175.25	5,386.46	-1,269.44	1,044.21	1,283.72	2.77	1.55	2.29
6,962.00	90.22	176.30	5,386.60	-1,360.19	1,050.91	1,374.55	1.34	0.68	1.15
7,055.00	91.19	178.33	5,385.46	-1,453.08	1,055.27	1,467.49	2.42	1.04	2.18
7,147.00	90.66	179.99	5,383.97	-1,545.05	1,056.62	1,559.47	1.89	-0.58	1.80
7,237.00	90.48	179.91	5,383.08	-1,635.05	1,056.70	1,649.46	0.22	-0.20	-0.09
7,327.00	89.43	180.17	5,383.15	-1,725.05	1,056.63	1,739.45	1.20	-1.17	0.29
7,418.00	89.08	178.76	5,384.33	-1,816.03	1,057.48	1,830.44	1.60	-0.38	-1.55
7,508.00	89.60	178.94	5,385.37	-1,906.01	1,059.29	1,920.43	0.61	0.58	0.20
7,600.00	90.40	179.38	5,385.37	-1,998.00	1,060.64	2,012.43	0.99	0.87	0.48
7,695.00	90.13	179.91	5,384.93	-2,092.99	1,061.23	2,107.43	0.63	-0.28	0.56
7,790.00	90.48	179.20	5,384.42	-2,187.99	1,061.97	2,202.42	0.83	0.37	-0.75
7,886.00	90.48	179.64	5,383.62	-2,283.98	1,062.94	2,298.42	0.46	0.00	0.46
7,981.00	89.78	178.68	5,383.40	-2,378.97	1,064.33	2,393.42	1.25	-0.74	-1.01
8,077.00	90.22	178.24	5,383.40	-2,474.93	1,066.91	2,489.41	0.65	0.46	-0.46
8,170.00	90.22	178.68	5,383.05	-2,567.90	1,069.41	2,582.40	0.47	0.00	0.47
8,265.00	89.78	179.29	5,383.05	-2,662.88	1,071.09	2,677.40	0.79	-0.46	0.64
8,359.00	90.92	179.38	5,382.47	-2,756.87	1,072.18	2,771.39	1.22	1.21	0.10
8,454.00	89.87	178.94	5,381.82	-2,851.86	1,073.58	2,866.39	1.20	-1.11	-0.46
8,549.00	89.52	178.68	5,382.32	-2,946.84	1,075.55	2,961.39	0.46	-0.37	-0.27
8,643.00	89.78	178.24	5,382.90	-3,040.80	1,078.07	3,055.38	0.54	0.28	-0.47
8,738.00	90.48	178.41	5,382.68	-3,135.76	1,080.85	3,150.36	0.76	0.74	0.18
8,833.00	89.96	178.94	5,382.32	-3,230.73	1,083.05	3,245.36	0.78	-0.55	0.56
8,927.00	89.25	178.94	5,382.97	-3,324.71	1,084.79	3,339.35	0.76	-0.76	0.00
9,023.00	89.78	179.03	5,383.78	-3,420.70	1,086.49	3,435.35	0.56	0.55	0.09
9,118.00	91.28	179.20	5,382.90	-3,515.68	1,087.95	3,530.34	1.59	1.58	0.18
9,213.00	89.78	178.59	5,382.02	-3,610.65	1,089.79	3,625.33	1.70	-1.58	-0.64
9,308.00	89.60	178.50	5,382.53	-3,705.62	1,092.20	3,720.33	0.21	-0.19	-0.09
9,404.00	89.96	177.89	5,382.90	-3,801.57	1,095.22	3,816.31	0.74	0.38	-0.64
9,497.00	89.16	178.41	5,383.62	-3,894.52	1,098.22	3,909.29	1.03	-0.86	0.56

Survey Report

Company:	Steward Energy II, LLC	Local Co-ordinate Reference:	Well Vamonos Fee 5H
Project:	Lea County, NM (NAD 83) NM East Zone	TVD Reference:	GL 3811' + RKB 19' @ 3830.00ft
Site:	Vamonos Fee 5H	MD Reference:	GL 3811' + RKB 19' @ 3830.00ft
Well:	Vamonos Fee 5H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	edmdb

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
9,592.00	89.60	180.08	5,384.65	-3,989.50	1,099.48	4,004.28	1.82	0.46	1.76	
9,685.00	90.04	179.91	5,384.94	-4,082.50	1,099.48	4,097.27	0.51	0.47	-0.18	
9,780.00	90.66	179.82	5,384.36	-4,177.50	1,099.71	4,192.26	0.66	0.65	-0.09	
9,874.00	90.22	180.70	5,383.64	-4,271.49	1,099.28	4,286.24	1.05	-0.47	0.94	
9,969.00	88.90	179.47	5,384.37	-4,366.49	1,099.14	4,381.23	1.90	-1.39	-1.29	
10,065.00	89.78	179.20	5,385.47	-4,462.47	1,100.25	4,477.22	0.96	0.92	-0.28	
10,159.00	91.10	179.47	5,384.75	-4,556.46	1,101.35	4,571.21	1.43	1.40	0.29	
10,255.00	90.40	178.76	5,383.49	-4,652.44	1,102.83	4,667.20	1.04	-0.73	-0.74	
10,349.00	90.40	178.94	5,382.84	-4,746.42	1,104.72	4,761.20	0.19	0.00	0.19	
10,445.00	89.34	178.50	5,383.05	-4,842.39	1,106.86	4,857.19	1.20	-1.10	-0.46	
10,541.00	90.66	177.89	5,383.05	-4,938.34	1,109.88	4,953.18	1.51	1.38	-0.64	
10,636.00	90.84	178.68	5,381.81	-5,033.29	1,112.73	5,048.16	0.85	0.19	0.83	
10,730.00	89.78	179.64	5,381.30	-5,127.28	1,114.10	5,142.15	1.52	-1.13	1.02	
10,825.00	89.52	179.82	5,381.88	-5,222.28	1,114.55	5,237.15	0.33	-0.27	0.19	
10,920.00	90.04	179.99	5,382.25	-5,317.27	1,114.71	5,332.14	0.58	0.55	0.18	
11,015.00	91.54	180.17	5,380.94	-5,412.26	1,114.58	5,427.12	1.59	1.58	0.19	
11,043.00	91.98	180.26	5,380.08	-5,440.25	1,114.47	5,455.10	1.60	1.57	0.32	
11043 MD: End DrilTech - 11043.00 MD: 330' Offset Line Crossing										
11,097.00	91.98	180.26	5,378.21	-5,494.22	1,114.23	5,509.06	0.00	0.00	0.00	
11097 MD: Projection to TD - 11097 MD: 48.64' FSL & 1211.80' FEL										

Survey Annotations					
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates			
		+N/-S (ft)	+E/-W (ft)	Comment	
118.00	118.00	-0.31	-0.65	118 MD: Begin DrilTech	
5,822.63	5,370.19	-253.77	808.53	5822.63 MD: Section Line Crossing	
5,931.14	5,382.96	-353.29	849.38	5931.14 MD: 330' Offset Line Crossing	
6,601.26	5,381.87	-1,001.58	1,013.06	6601.26 MD: Roof Pizza Fee 5H Pi Marker crossing	
11,043.00	5,380.08	-5,440.25	1,114.47	11043 MD: End DrilTech	
11,043.00	5,380.08	-5,440.25	1,114.47	11043.00 MD: 330' Offset Line Crossing	
11,097.00	5,378.21	-5,494.22	1,114.23	11097 MD: Projection to TD	
11,097.00	5,378.21	-5,494.22	1,114.23	11097 MD: 48.64' FSL & 1211.80' FEL	

Checked By: _____	Approved By: _____	Date: _____
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Steward Energy II, LLC

Lea County, NM (NAD 83) NM East Zone

Vamonos Fee 5H

Vamonos Fee 5H

Wellbore #1

Survey: DrillTech MWD

Survey Report - Geographic

01 April, 2022

Survey Report - Geographic

Company:	Steward Energy II, LLC	Local Co-ordinate Reference:	Well Vamonos Fee 5H
Project:	Lea County, NM (NAD 83) NM East Zone	TVD Reference:	GL 3811' + RKB 19' @ 3830.00ft
Site:	Vamonos Fee 5H	MD Reference:	GL 3811' + RKB 19' @ 3830.00ft
Well:	Vamonos Fee 5H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	edmdb

Project	Lea County, NM (NAD 83) NM East Zone		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Vamonos Fee 5H				
Site Position:		Northing:	791,881.02 usft	Latitude:	33° 10' 14.425 N
From:	Map	Easting:	920,897.97 usft	Longitude:	103° 5' 34.504 W
Position Uncertainty:	0.00 ft	Slot Radius:	13.200 in	Grid Convergence:	0.68 °

Well	Vamonos Fee 5H					
Well Position	+N/-S	0.00 ft	Northing:	791,881.02 usft	Latitude:	33° 10' 14.425 N
	+E/-W	0.00 ft	Easting:	920,897.97 usft	Longitude:	103° 5' 34.504 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	3,811.00 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	3/14/2022	6.30	60.80	48,019.53155991

Design	Wellbore #1				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.00	0.00	0.00	179.21	

Survey Program	Date	4/1/2022			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
118.00	11,097.00	DrilTech MWD (Wellbore #1)	MWD	MWD - Standard	

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	791,881.02	920,897.97	33° 10' 14.425 N	103° 5' 34.504 W
118.00	0.70	244.86	118.00	-0.31	-0.65	791,880.71	920,897.32	33° 10' 14.422 N	103° 5' 34.512 W
118 MD: Begin DrilTech									
212.00	0.88	108.01	211.99	-0.77	-0.49	791,880.24	920,897.48	33° 10' 14.418 N	103° 5' 34.510 W
304.00	0.88	95.09	303.98	-1.05	0.89	791,879.96	920,898.86	33° 10' 14.415 N	103° 5' 34.493 W
396.00	2.37	101.86	395.94	-1.51	3.46	791,879.51	920,901.43	33° 10' 14.410 N	103° 5' 34.463 W
486.00	4.13	86.66	485.80	-1.70	8.51	791,879.32	920,906.48	33° 10' 14.407 N	103° 5' 34.404 W
576.00	5.80	79.45	575.46	-0.68	16.22	791,880.34	920,914.19	33° 10' 14.417 N	103° 5' 34.313 W
672.00	6.68	69.60	670.89	2.15	26.22	791,883.17	920,924.19	33° 10' 14.444 N	103° 5' 34.195 W
767.00	7.56	58.53	765.16	7.34	36.73	791,888.36	920,934.70	33° 10' 14.494 N	103° 5' 34.071 W
862.00	7.91	52.99	859.30	14.54	47.28	791,895.56	920,945.25	33° 10' 14.564 N	103° 5' 33.946 W
957.00	8.53	47.72	953.32	23.22	57.71	791,904.23	920,955.68	33° 10' 14.648 N	103° 5' 33.822 W

Survey Report - Geographic

Company:	Steward Energy II, LLC	Local Co-ordinate Reference:	Well Vamonos Fee 5H
Project:	Lea County, NM (NAD 83) NM East Zone	TVD Reference:	GL 3811' + RKB 19' @ 3830.00ft
Site:	Vamonos Fee 5H	MD Reference:	GL 3811' + RKB 19' @ 3830.00ft
Well:	Vamonos Fee 5H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	edmdb

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
1,052.00	9.32	43.59	1,047.17	33.53	68.23	791,914.55	920,966.20	33° 10' 14.749 N	103° 5' 33.697 W
1,147.00	10.11	45.70	1,140.81	44.92	79.50	791,925.94	920,977.47	33° 10' 14.860 N	103° 5' 33.562 W
1,242.00	11.34	49.04	1,234.15	56.87	92.52	791,937.89	920,990.49	33° 10' 14.977 N	103° 5' 33.408 W
1,336.00	12.93	48.51	1,326.05	69.90	107.38	791,950.91	921,005.35	33° 10' 15.104 N	103° 5' 33.231 W
1,431.00	14.68	49.39	1,418.30	84.77	124.48	791,965.79	921,022.45	33° 10' 15.249 N	103° 5' 33.028 W
1,526.00	16.00	49.30	1,509.91	101.15	143.55	791,982.16	921,041.52	33° 10' 15.409 N	103° 5' 32.801 W
1,618.00	16.09	47.81	1,598.33	117.98	162.61	791,998.99	921,060.58	33° 10' 15.573 N	103° 5' 32.575 W
1,714.00	15.65	46.93	1,690.67	135.75	181.92	792,016.77	921,079.89	33° 10' 15.747 N	103° 5' 32.345 W
1,808.00	16.27	47.37	1,781.04	153.33	200.87	792,034.35	921,098.84	33° 10' 15.919 N	103° 5' 32.120 W
1,903.00	16.09	47.72	1,872.28	171.20	220.40	792,052.22	921,118.37	33° 10' 16.093 N	103° 5' 31.887 W
1,998.00	16.53	47.28	1,963.46	189.22	240.07	792,070.24	921,138.04	33° 10' 16.269 N	103° 5' 31.654 W
2,092.00	16.80	47.54	2,053.51	207.47	259.92	792,088.48	921,157.89	33° 10' 16.447 N	103° 5' 31.418 W
2,187.00	17.15	47.54	2,144.37	226.19	280.38	792,107.21	921,178.35	33° 10' 16.630 N	103° 5' 31.174 W
2,229.00	16.53	47.02	2,184.57	234.44	289.32	792,115.46	921,187.29	33° 10' 16.711 N	103° 5' 31.068 W
2,313.00	15.39	45.87	2,265.33	250.35	306.06	792,131.37	921,204.03	33° 10' 16.866 N	103° 5' 30.869 W
2,408.00	15.92	49.48	2,356.81	267.60	325.02	792,148.61	921,222.99	33° 10' 17.034 N	103° 5' 30.643 W
2,504.00	15.92	49.57	2,449.13	284.69	345.05	792,165.71	921,243.02	33° 10' 17.201 N	103° 5' 30.405 W
2,599.00	16.27	50.18	2,540.40	301.66	365.19	792,182.68	921,263.16	33° 10' 17.367 N	103° 5' 30.166 W
2,694.00	16.44	49.92	2,631.56	318.84	385.69	792,199.85	921,283.66	33° 10' 17.534 N	103° 5' 29.923 W
2,789.00	15.30	50.27	2,722.94	335.51	405.62	792,216.52	921,303.59	33° 10' 17.697 N	103° 5' 29.686 W
2,885.00	14.33	50.09	2,815.74	351.22	424.47	792,232.24	921,322.44	33° 10' 17.850 N	103° 5' 29.462 W
2,980.00	13.54	48.25	2,907.95	366.17	441.79	792,247.19	921,339.76	33° 10' 17.996 N	103° 5' 29.256 W
3,075.00	12.13	48.95	3,000.57	380.13	457.61	792,261.15	921,355.58	33° 10' 18.132 N	103° 5' 29.068 W
3,170.00	10.90	46.58	3,093.66	392.86	471.67	792,273.88	921,369.64	33° 10' 18.256 N	103° 5' 28.901 W
3,266.00	9.50	47.90	3,188.14	404.41	484.14	792,285.43	921,382.11	33° 10' 18.369 N	103° 5' 28.753 W
3,361.00	7.83	48.25	3,282.05	413.98	494.78	792,294.99	921,392.75	33° 10' 18.462 N	103° 5' 28.626 W
3,456.00	6.51	54.58	3,376.31	421.41	504.00	792,302.43	921,401.97	33° 10' 18.535 N	103° 5' 28.517 W
3,551.00	5.72	56.86	3,470.77	427.12	512.35	792,308.13	921,410.32	33° 10' 18.590 N	103° 5' 28.418 W
3,647.00	4.66	51.41	3,566.37	432.17	519.41	792,313.18	921,417.38	33° 10' 18.639 N	103° 5' 28.334 W
3,741.00	3.08	68.02	3,660.16	435.49	524.73	792,316.51	921,422.70	33° 10' 18.672 N	103° 5' 28.271 W
3,836.00	1.76	52.55	3,755.07	437.34	528.26	792,318.35	921,426.23	33° 10' 18.690 N	103° 5' 28.229 W
3,931.00	0.18	7.11	3,850.06	438.37	529.44	792,319.39	921,427.41	33° 10' 18.700 N	103° 5' 28.215 W
4,025.00	0.26	26.45	3,944.06	438.71	529.55	792,319.72	921,427.52	33° 10' 18.703 N	103° 5' 28.214 W
4,119.00	0.35	15.38	4,038.05	439.18	529.72	792,320.19	921,427.69	33° 10' 18.708 N	103° 5' 28.212 W
4,214.00	0.18	73.47	4,133.05	439.50	529.94	792,320.51	921,427.91	33° 10' 18.711 N	103° 5' 28.209 W
4,309.00	0.18	73.82	4,228.05	439.58	530.23	792,320.60	921,428.20	33° 10' 18.712 N	103° 5' 28.206 W
4,404.00	0.09	42.27	4,323.05	439.68	530.42	792,320.70	921,428.39	33° 10' 18.713 N	103° 5' 28.203 W
4,499.00	0.18	61.96	4,418.05	439.80	530.60	792,320.82	921,428.57	33° 10' 18.714 N	103° 5' 28.201 W
4,562.00	0.09	39.46	4,481.05	439.89	530.72	792,320.91	921,428.69	33° 10' 18.715 N	103° 5' 28.200 W
4,594.00	0.09	170.15	4,513.05	439.88	530.74	792,320.90	921,428.71	33° 10' 18.714 N	103° 5' 28.200 W
4,625.00	0.79	140.36	4,544.05	439.70	530.88	792,320.71	921,428.85	33° 10' 18.713 N	103° 5' 28.198 W
4,657.00	2.64	145.01	4,576.03	438.92	531.44	792,319.94	921,429.41	33° 10' 18.705 N	103° 5' 28.191 W
4,689.00	4.84	147.04	4,607.96	437.18	532.60	792,318.20	921,430.57	33° 10' 18.688 N	103° 5' 28.178 W
4,721.00	7.30	148.18	4,639.78	434.32	534.41	792,315.34	921,432.38	33° 10' 18.659 N	103° 5' 28.157 W
4,752.00	9.50	149.32	4,670.45	430.45	536.75	792,311.47	921,434.72	33° 10' 18.620 N	103° 5' 28.130 W
4,784.00	11.96	149.58	4,701.89	425.32	539.78	792,306.34	921,437.75	33° 10' 18.569 N	103° 5' 28.095 W
4,815.00	14.77	149.41	4,732.04	419.15	543.42	792,300.16	921,441.39	33° 10' 18.508 N	103° 5' 28.053 W
4,847.00	17.41	150.90	4,762.79	411.45	547.82	792,292.47	921,445.79	33° 10' 18.431 N	103° 5' 28.003 W
4,878.00	19.52	153.63	4,792.19	402.76	552.38	792,283.77	921,450.35	33° 10' 18.345 N	103° 5' 27.950 W
4,910.00	22.16	156.88	4,822.10	392.41	557.12	792,273.43	921,455.09	33° 10' 18.242 N	103° 5' 27.896 W
4,941.00	24.62	158.29	4,850.55	381.04	561.81	792,262.05	921,459.78	33° 10' 18.129 N	103° 5' 27.842 W
4,973.00	26.91	158.20	4,879.36	368.12	566.96	792,249.14	921,464.93	33° 10' 18.000 N	103° 5' 27.784 W
5,004.00	29.28	158.20	4,906.71	354.56	572.39	792,235.58	921,470.36	33° 10' 17.866 N	103° 5' 27.722 W
5,036.00	31.83	158.73	4,934.26	339.43	578.35	792,220.45	921,476.32	33° 10' 17.715 N	103° 5' 27.654 W
5,067.00	34.29	158.90	4,960.24	323.67	584.46	792,204.68	921,482.43	33° 10' 17.559 N	103° 5' 27.584 W

Survey Report - Geographic

Company:	Steward Energy II, LLC	Local Co-ordinate Reference:	Well Vamonos Fee 5H
Project:	Lea County, NM (NAD 83) NM East Zone	TVD Reference:	GL 3811' + RKB 19' @ 3830.00ft
Site:	Vamonos Fee 5H	MD Reference:	GL 3811' + RKB 19' @ 3830.00ft
Well:	Vamonos Fee 5H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	edmdb

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
5,099.00	37.11	159.16	4,986.23	306.23	591.14	792,187.25	921,489.11	33° 10' 17.385 N	103° 5' 27.508 W
5,131.00	39.48	159.25	5,011.34	287.69	598.18	792,168.71	921,496.15	33° 10' 17.201 N	103° 5' 27.428 W
5,163.00	41.68	159.69	5,035.64	268.20	605.48	792,149.22	921,503.45	33° 10' 17.007 N	103° 5' 27.344 W
5,194.00	43.70	160.13	5,058.43	248.46	612.70	792,129.48	921,510.67	33° 10' 16.811 N	103° 5' 27.262 W
5,226.00	45.99	160.48	5,081.11	227.21	620.30	792,108.23	921,518.27	33° 10' 16.600 N	103° 5' 27.176 W
5,257.00	48.28	160.48	5,102.20	205.80	627.90	792,086.82	921,525.86	33° 10' 16.387 N	103° 5' 27.089 W
5,288.00	50.91	159.96	5,122.29	183.59	635.89	792,064.61	921,533.85	33° 10' 16.167 N	103° 5' 26.999 W
5,320.00	53.73	159.52	5,141.85	159.83	644.66	792,040.85	921,542.63	33° 10' 15.931 N	103° 5' 26.899 W
5,351.00	56.37	158.99	5,159.61	136.07	653.66	792,017.09	921,551.63	33° 10' 15.695 N	103° 5' 26.796 W
5,382.00	58.74	158.81	5,176.24	111.67	663.07	791,992.69	921,561.04	33° 10' 15.452 N	103° 5' 26.689 W
5,413.00	59.27	158.99	5,192.20	86.88	672.64	791,967.90	921,570.61	33° 10' 15.206 N	103° 5' 26.580 W
5,445.00	59.36	158.99	5,208.53	61.19	682.51	791,942.21	921,580.48	33° 10' 14.951 N	103° 5' 26.467 W
5,477.00	59.53	158.90	5,224.80	35.47	692.41	791,916.49	921,590.38	33° 10' 14.695 N	103° 5' 26.354 W
5,509.00	59.62	158.81	5,241.00	9.74	702.36	791,890.75	921,600.33	33° 10' 14.439 N	103° 5' 26.241 W
5,540.00	59.88	158.99	5,256.62	-15.25	712.00	791,865.77	921,609.97	33° 10' 14.191 N	103° 5' 26.131 W
5,571.00	60.15	159.08	5,272.11	-40.32	721.61	791,840.70	921,619.58	33° 10' 13.942 N	103° 5' 26.022 W
5,603.00	60.41	158.99	5,287.98	-66.27	731.55	791,814.75	921,629.52	33° 10' 13.684 N	103° 5' 25.908 W
5,635.00	61.11	158.90	5,303.61	-92.33	741.58	791,788.69	921,639.55	33° 10' 13.425 N	103° 5' 25.794 W
5,666.00	64.02	158.64	5,317.89	-117.97	751.55	791,763.04	921,649.52	33° 10' 13.170 N	103° 5' 25.680 W
5,698.00	66.83	158.02	5,331.20	-145.01	762.29	791,736.00	921,660.26	33° 10' 12.901 N	103° 5' 25.558 W
5,730.00	69.03	157.06	5,343.22	-172.42	773.62	791,708.60	921,671.59	33° 10' 12.629 N	103° 5' 25.428 W
5,761.00	71.49	156.62	5,353.69	-199.24	785.10	791,681.78	921,683.07	33° 10' 12.362 N	103° 5' 25.297 W
5,792.00	74.48	156.79	5,362.76	-226.47	796.82	791,654.55	921,694.79	33° 10' 12.092 N	103° 5' 25.163 W
5,822.63	77.43	156.79	5,370.19	-253.77	808.53	791,627.25	921,706.50	33° 10' 11.820 N	103° 5' 25.029 W
5822.63 MD: Section Line Crossing									
5,824.00	77.56	156.79	5,370.49	-255.00	809.06	791,626.02	921,707.03	33° 10' 11.808 N	103° 5' 25.023 W
5,856.00	81.07	157.41	5,376.42	-283.96	821.29	791,597.05	921,719.26	33° 10' 11.520 N	103° 5' 24.883 W
5,887.00	84.59	157.85	5,380.29	-312.40	832.99	791,568.62	921,730.96	33° 10' 11.237 N	103° 5' 24.749 W
5,919.00	87.49	158.29	5,382.50	-342.01	844.91	791,539.01	921,742.88	33° 10' 10.943 N	103° 5' 24.613 W
5,931.14	88.21	158.49	5,382.96	-353.29	849.38	791,527.73	921,747.35	33° 10' 10.831 N	103° 5' 24.562 W
5931.14 MD: 330' Offset Line Crossing									
5,950.00	89.34	158.81	5,383.36	-370.85	856.25	791,510.17	921,754.21	33° 10' 10.656 N	103° 5' 24.484 W
5,982.00	90.04	159.69	5,383.53	-400.78	867.58	791,480.24	921,765.55	33° 10' 10.359 N	103° 5' 24.355 W
6,013.00	90.57	160.83	5,383.37	-429.95	878.05	791,451.06	921,776.02	33° 10' 10.069 N	103° 5' 24.236 W
6,108.00	90.92	163.21	5,382.13	-520.30	907.37	791,360.72	921,805.34	33° 10' 9.172 N	103° 5' 23.904 W
6,203.00	90.48	165.05	5,380.97	-611.67	933.35	791,269.35	921,831.32	33° 10' 8.265 N	103° 5' 23.611 W
6,299.00	89.78	166.37	5,380.75	-704.70	957.04	791,176.32	921,855.01	33° 10' 7.342 N	103° 5' 23.345 W
6,393.00	89.08	168.31	5,381.69	-796.40	977.64	791,084.62	921,875.61	33° 10' 6.432 N	103° 5' 23.116 W
6,489.00	90.22	169.98	5,382.27	-890.68	995.72	790,990.34	921,893.69	33° 10' 5.498 N	103° 5' 22.916 W
6,584.00	90.22	171.91	5,381.91	-984.49	1,010.67	790,896.53	921,908.64	33° 10' 4.568 N	103° 5' 22.753 W
6,601.26	90.05	172.15	5,381.87	-1,001.58	1,013.06	790,879.44	921,911.03	33° 10' 4.399 N	103° 5' 22.728 W
6601.26 MD: Roof Pizza Fee 5H Pi Marker crossing									
6,680.00	89.25	173.23	5,382.35	-1,079.68	1,023.08	790,801.34	921,921.05	33° 10' 3.625 N	103° 5' 22.621 W
6,775.00	88.11	173.05	5,384.54	-1,173.97	1,034.43	790,707.05	921,932.40	33° 10' 2.691 N	103° 5' 22.500 W
6,871.00	89.60	175.25	5,386.46	-1,269.44	1,044.21	790,611.58	921,942.18	33° 10' 1.745 N	103° 5' 22.399 W
6,962.00	90.22	176.30	5,386.60	-1,360.19	1,050.91	790,520.83	921,948.88	33° 10' 0.847 N	103° 5' 22.332 W
7,055.00	91.19	178.33	5,385.46	-1,453.08	1,055.27	790,427.94	921,953.24	33° 9' 59.927 N	103° 5' 22.294 W
7,147.00	90.66	179.99	5,383.97	-1,545.05	1,056.62	790,335.97	921,954.59	33° 9' 59.017 N	103° 5' 22.291 W
7,237.00	90.48	179.91	5,383.08	-1,635.05	1,056.70	790,245.97	921,954.67	33° 9' 58.127 N	103° 5' 22.303 W
7,327.00	89.43	180.17	5,383.15	-1,725.05	1,056.63	790,155.97	921,954.60	33° 9' 57.237 N	103° 5' 22.316 W
7,418.00	89.08	178.76	5,384.33	-1,816.03	1,057.48	790,064.99	921,955.45	33° 9' 56.337 N	103° 5' 22.319 W
7,508.00	89.60	178.94	5,385.37	-1,906.01	1,059.29	789,975.01	921,957.26	33° 9' 55.446 N	103° 5' 22.310 W
7,600.00	90.40	179.38	5,385.37	-1,998.00	1,060.64	789,883.02	921,958.61	33° 9' 54.536 N	103° 5' 22.307 W
7,695.00	90.13	179.91	5,384.93	-2,092.99	1,061.23	789,788.03	921,959.20	33° 9' 53.596 N	103° 5' 22.314 W
7,790.00	90.48	179.20	5,384.42	-2,187.99	1,061.97	789,693.03	921,959.93	33° 9' 52.657 N	103° 5' 22.318 W

Survey Report - Geographic

Company:	Steward Energy II, LLC	Local Co-ordinate Reference:	Well Vamonos Fee 5H
Project:	Lea County, NM (NAD 83) NM East Zone	TVD Reference:	GL 3811' + RKB 19' @ 3830.00ft
Site:	Vamonos Fee 5H	MD Reference:	GL 3811' + RKB 19' @ 3830.00ft
Well:	Vamonos Fee 5H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	edmdb

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
7,886.00	90.48	179.64	5,383.62	-2,283.98	1,062.94	789,597.04	921,960.91	33° 9' 51.707 N	103° 5' 22.320 W
7,981.00	89.78	178.68	5,383.40	-2,378.97	1,064.33	789,502.05	921,962.30	33° 9' 50.767 N	103° 5' 22.317 W
8,077.00	90.22	178.24	5,383.40	-2,474.93	1,066.91	789,406.09	921,964.88	33° 9' 49.818 N	103° 5' 22.300 W
8,170.00	90.22	178.68	5,383.05	-2,567.90	1,069.41	789,313.12	921,967.38	33° 9' 48.898 N	103° 5' 22.284 W
8,265.00	89.78	179.29	5,383.05	-2,662.88	1,071.09	789,218.14	921,969.06	33° 9' 47.958 N	103° 5' 22.277 W
8,359.00	90.92	179.38	5,382.47	-2,756.87	1,072.18	789,124.15	921,970.15	33° 9' 47.028 N	103° 5' 22.277 W
8,454.00	89.87	178.94	5,381.82	-2,851.86	1,073.58	789,029.16	921,971.54	33° 9' 46.088 N	103° 5' 22.274 W
8,549.00	89.52	178.68	5,382.32	-2,946.84	1,075.55	788,934.19	921,973.52	33° 9' 45.148 N	103° 5' 22.264 W
8,643.00	89.78	178.24	5,382.90	-3,040.80	1,078.07	788,840.22	921,976.04	33° 9' 44.219 N	103° 5' 22.248 W
8,738.00	90.48	178.41	5,382.68	-3,135.76	1,080.85	788,745.26	921,978.82	33° 9' 43.279 N	103° 5' 22.228 W
8,833.00	89.96	178.94	5,382.32	-3,230.73	1,083.05	788,650.29	921,981.02	33° 9' 42.339 N	103° 5' 22.216 W
8,927.00	89.25	178.94	5,382.97	-3,324.71	1,084.79	788,556.31	921,982.76	33° 9' 41.409 N	103° 5' 22.209 W
9,023.00	89.78	179.03	5,383.78	-3,420.70	1,086.49	788,460.33	921,984.46	33° 9' 40.460 N	103° 5' 22.202 W
9,118.00	91.28	179.20	5,382.90	-3,515.68	1,087.95	788,365.35	921,985.92	33° 9' 39.520 N	103° 5' 22.198 W
9,213.00	89.78	178.59	5,382.02	-3,610.65	1,089.79	788,270.37	921,987.76	33° 9' 38.580 N	103° 5' 22.190 W
9,308.00	89.60	178.50	5,382.53	-3,705.62	1,092.20	788,175.40	921,990.17	33° 9' 37.640 N	103° 5' 22.175 W
9,404.00	89.96	177.89	5,382.90	-3,801.57	1,095.22	788,079.45	921,993.19	33° 9' 36.691 N	103° 5' 22.152 W
9,497.00	89.16	178.41	5,383.62	-3,894.52	1,098.22	787,986.51	921,996.19	33° 9' 35.771 N	103° 5' 22.130 W
9,592.00	89.60	180.08	5,384.65	-3,989.50	1,099.48	787,891.52	921,997.44	33° 9' 34.831 N	103° 5' 22.129 W
9,685.00	90.04	179.91	5,384.94	-4,082.50	1,099.48	787,798.52	921,997.45	33° 9' 33.911 N	103° 5' 22.142 W
9,780.00	90.66	179.82	5,384.36	-4,177.50	1,099.71	787,703.53	921,997.68	33° 9' 32.972 N	103° 5' 22.152 W
9,874.00	90.22	180.70	5,383.64	-4,271.49	1,099.28	787,609.53	921,997.25	33° 9' 32.042 N	103° 5' 22.170 W
9,969.00	88.90	179.47	5,384.37	-4,366.49	1,099.14	787,514.54	921,997.11	33° 9' 31.102 N	103° 5' 22.185 W
10,065.00	89.78	179.20	5,385.47	-4,462.47	1,100.25	787,418.55	921,998.22	33° 9' 30.152 N	103° 5' 22.186 W
10,159.00	91.10	179.47	5,384.75	-4,556.46	1,101.35	787,324.57	921,999.31	33° 9' 29.223 N	103° 5' 22.186 W
10,255.00	90.40	178.76	5,383.49	-4,652.44	1,102.83	787,228.59	922,000.80	33° 9' 28.273 N	103° 5' 22.182 W
10,349.00	90.40	178.94	5,382.84	-4,746.42	1,104.72	787,134.61	922,002.68	33° 9' 27.343 N	103° 5' 22.173 W
10,445.00	89.34	178.50	5,383.05	-4,842.39	1,106.86	787,038.63	922,004.83	33° 9' 26.393 N	103° 5' 22.161 W
10,541.00	90.66	177.89	5,383.05	-4,938.34	1,109.88	786,942.68	922,007.85	33° 9' 25.444 N	103° 5' 22.139 W
10,636.00	90.84	178.68	5,381.81	-5,033.29	1,112.73	786,847.74	922,010.69	33° 9' 24.504 N	103° 5' 22.119 W
10,730.00	89.78	179.64	5,381.30	-5,127.28	1,114.10	786,753.75	922,012.07	33° 9' 23.574 N	103° 5' 22.116 W
10,825.00	89.52	179.82	5,381.88	-5,222.28	1,114.55	786,658.75	922,012.52	33° 9' 22.635 N	103° 5' 22.124 W
10,920.00	90.04	179.99	5,382.25	-5,317.27	1,114.71	786,563.75	922,012.68	33° 9' 21.695 N	103° 5' 22.135 W
11,015.00	91.54	180.17	5,380.94	-5,412.26	1,114.58	786,468.77	922,012.55	33° 9' 20.755 N	103° 5' 22.150 W
11,043.00	91.98	180.26	5,380.08	-5,440.25	1,114.47	786,440.78	922,012.44	33° 9' 20.478 N	103° 5' 22.155 W
11043 MD: End DrillTech - 11043.00 MD: 330' Offset Line Crossing									
11,097.00	91.98	180.26	5,378.21	-5,494.22	1,114.23	786,386.81	922,012.20	33° 9' 19.945 N	103° 5' 22.165 W
11097 MD: Projection to TD - 11097 MD: 48.64' FSL & 1211.80' FEL									

Survey Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
118.00	118.00	-0.31	-0.65	118 MD: Begin DrillTech
5,822.63	5,370.19	-253.77	808.53	5822.63 MD: Section Line Crossing
5,931.14	5,382.96	-353.29	849.38	5931.14 MD: 330' Offset Line Crossing
6,601.26	5,381.87	-1,001.58	1,013.06	6601.26 MD: Roof Pizza Fee 5H Pi Marker crossing
11,043.00	5,380.08	-5,440.25	1,114.47	11043 MD: End DrillTech
11,043.00	5,380.08	-5,440.25	1,114.47	11043.00 MD: 330' Offset Line Crossing
11,097.00	5,378.21	-5,494.22	1,114.23	11097 MD: Projection to TD
11,097.00	5,378.21	-5,494.22	1,114.23	11097 MD: 48.64' FSL & 1211.80' FEL

Survey Report - Geographic

Company:	Steward Energy II, LLC	Local Co-ordinate Reference:	Well Vamonos Fee 5H
Project:	Lea County, NM (NAD 83) NM East Zone	TVD Reference:	GL 3811' + RKB 19' @ 3830.00ft
Site:	Vamonos Fee 5H	MD Reference:	GL 3811' + RKB 19' @ 3830.00ft
Well:	Vamonos Fee 5H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	edmdb

Checked By:	_____	Approved By:	_____	Date:	_____
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BHA # 1		Your Company name here					
JOB NO.:	DM-2022-068-SEDT-NM	Work Order:		FIELD:	Bronco S (San Andreas)		
Company:	STEWART ENERGY II, LLC	Legal Desc.	Township-Section-Range				
LOCATION:	Lea County, NM		--				
RIG NAME:	Norton Rig 8	Lead DD:	Wayne Reid				
STATE:	New Mexico	Co. Man:	Mike Amos / Wayne Keene				
COUNTY:	Lea County	TYPE:	Steerable Assembly				
WELL NAME:	Vamonos Fee 5H		41289 lbf	Wt @ Jars:	N/A		
Time and Depths		MOTOR DATA		Drilling Parameters			
Date In:	24-Mar-22 @ 05:35	8 in 7/8 4.0, 1.75 Adj. 12 in NB		SO/PU:	56 - 113	/	56-117
Date Out:	25-Mar-22 @ 05:45	MFG.: DrilTech		Rot Strg Wt:	56-115		
Hrs In Hole:	24.17	Pad OD:	8 1/4	WOB:	4 - 35		
Start Depth:	59.00	NB Stab:	12.3	TORQ:	2500 - 14000		
End Depth:	2290.00	Bit to Bend:	6.6	SPP:	230 - 1560		
Total Drilled:	2231.00	Bent Hsg/Sub°:	1.75 /	Motor RPM:	61 - 117		
Avg. Total ROP:	143.94	Lobe/Stage:	7/8 / 4	Rotary RPM:	40 - 60		
Circ Hrs: Tot/Only	16.08 / .58	Rev/Gal	0.16	Flow Rate:	380 - 730.0		
Percent Slide:	10.00	Rotor Jet:	0	Avg Diff:	450		
Percent Hrs:	31.18	Prop BUR:	7	Stall Pres.:	650		
Slide Hours:	4.83	Act BUR:	8.6	Off Bot Pres.:			
Total Sliding:	223.00	Mud Data		Bit Record			
Avg. Slide ROP:	46.14	Type	spud		Ulterra / CF616 PDC, Jets 6-18s		
Percent Rotary:	90.00	WT:	8.20 PPG	GAS:	0	Run #:	1
Percent Hrs:	68.82	Vis:	28	PV:	0	Type Bit:	PDC
Rotary Hours:	10.67	WL:	0	PH:	0	IADC#:	TFA: 1.49 in²
Total Rotary:	2008.00	SOL:	0	SAND:	0	JETS:	6-18
Avg. Rotary ROP:	188.25	Oil %:	0	FT°	97F°	P Drop:	181 PSI @ 730 GPM
Reason POOH:	TD	Chlor:	0	YP:	0	Cond.:	Good Condition
MWD	Gamma: .0	Restiv:	.0	Sensor:	61.0	Last Casing	O.D. 20
Spacing	GYRO: .0	DNsc:	.0	Sonic:	.0	Shoe @:	59 Hanger @:
INC IN:	.6	INC OUT:	.0	AZM IN:	270.00	AZM OUT:	.00
Drilled 12 1/4" Surface Hole Nudge to Casing Point as per plan #2, Assembly did well, we did have a few stalls in raddy formation while sliding, motor yields Averaged 8.6°/100' on this run. On Surface motor was dry with some radial and axial slack in the bearings. Bit was green. Bit Info: 12 1/4" Ulterra PDC, Type - CF616, Jets = 6 x 18's, TFA = 1.49 Motor Info: 8" 7/8 4.0, 1.75 Adj. 12" NB Stab. B-B = 6.62, Flow = 400 - 900 GPM, RPG = .16 Survey = 61'							
BHA Detail							
Description	Serial #	I.D. In.	O.D. In.	Length Ft	Sum Ft	Top Conn	MFG.
CF616 PDC, Jets 6-18s	51326		12 1/4	1.5	1.50	6 5/8 REGP	Ulterra
7/8, 4.0, Fixed @ 1.75, rpg .16	DT800-003		8	27.7	29.20	6 5/8 Reg-BB	DrilTech
11 1/2 Nortrack Stab.	SD610040	2 13/16	8.000	4.6	33.83	6 5/8 Reg-BB	Stabil Drill
Mule Shoe	DT800-184	3 1/4	8.000	2.7	36.57	6 5/8 Reg-BB	Other
Mwd Monel	SD55296	3 1/2	8.000	28.4	64.92	6 5/8 Reg-BB	Stabil Drill
Monel	SD55868	3 1/4	8.000	28.5	93.37	6 5/8 Reg-BB	Stabil Drill
3 ea Steel Drill Collars	RIG	3 1/16	7 3/4	86.3	179.71	6 5/8 Reg-BB	Rig
X-Over	SD117720	3	7 3/4	2.3	182.01	4 1/2 IF-BB	Stabil Drill
15 Jts 5" HWT DP	Rig	3.000	5	456.0	637.99	4 1/2 IF-BB	Rig
				0.0	637.99		
WinSURV II BHA Report - License: NP5468							



15 Jts 5" HWT DP
O.D.=5.000 In.
Length=455.98 Ft

X-Over
O.D.=7.750 In.

3 ea Steel Drill Collars
O.D.=7.750 In.
Length=86.34 Ft

Monel
O.D.=8.000 In.
Length=28.45 Ft

Mwd Monel
O.D.=8.000 In.
Length=28.35 Ft

Mule Shoe
O.D.=8.000 In.

11 1/2 Nortrack Stab.
O.D.=8.000 In.
Length=4.63 Ft
FN=2.15 Ft
STAB OD=11.500 In.

7/8, 4.0, Fixed @ 1.75, rpg .16
O.D.=8.000 In.
Length=27.70 Ft
FN=1.87 Ft
STAB OD=12.000 In.

CF616 PDC, Jets 6-18s
O.D.=12.250 In.
Length=1.50 Ft

BHA # 1		Mud Motor Report													
JOB NO.:	DM-2022-068-SEDT-NM		FIELD:	Bronco S (San Andreas)											
Company:	STEWARD ENERGY II, LLC		Legal Desc.	Township-Section-Range											
LOCATION:	Lea County, NM			--											
RIG NAME:	Norton Rig 8		Lead DD:	Wayne Reid											
STATE:	New Mexico		Co. Man:	Mike Amos / Wayne Keene											
COUNTY:	Lea County		Motor Failed?	NO											
WELL NAME:	Vamonos Fee 5H														
Time and Depths (This BHA)		MOTOR DATA			Drilling Parameters										
Date In:	24-Mar-22 @ 05:35	Desc:	8 in 7/8 4.0, 1.75 Adj. 12 in NB		SO/PU:	56 - 113 / 56-117									
Date Out:	25-Mar-22 @ 05:45	MFG.:	DrilTech		Rot Wt:	56-115									
Hrs In Hole:	24.17	BHA Circ/ All BHA:	16.08 / 16.08		WOB:	4 - 35									
Start Depth:	59.00	Motor SN:	DT800-003		TORQ:	2500 - 14000									
End Depth:	2290.00	Pad OD:	39451.00		SPP:	230 - 1560									
Total Drilled:	2231.00	NB Stab:	12.25		Motor RPM:	60.8 - 116.8									
Avg. Total ROP:	143.94	Bit to Bend:	6.62		Rotary RPM:	40 - 60									
Circ Hrs:Tot/Only	16.08 / .58	Bent Hsg / Sub:	1.75 / /		Flow Rate:	380 - 730									
Percent Slide:	10.00	Lobe/Stage:	7/8 / 4		Avg Diff:	450									
Percent Hrs:	31.18	Revs/Gal	0.16		Stall Pres.:	650									
Slide Hours:	4.83	Rotor Jet:	0.0		Off Bot Pres.:										
Total Sliding:	223.00	Prop BUR:	7		Bit Record										
Avg. Slide ROP:	46.14	Act BUR:	8.6		Ulterra / CF616 PDC,Jets 6-18s										
Percent Rotary:	90.00	Stator Clearance:			Run #:	1									
Percent Hrs:	68.82	Lower Stab OD:			Type Bit:	PDC									
Rot / Total Hrs:	10.67 / 15.50	Upper Stab OD:			IADC#:	TFA: 1.49 in ²									
Rotary Drilled:	2008.00	Extended Motor?	NO		JETS:	6-18									
Avg. Rotary ROP:	188.25	Number of Stalls:			P Drop:	181PSI @ 730 GPM									
Reason POOH:	TD	Stall Duration:			Cond.:	Good Condition									
Mud Data															
Type	spud		WT:	8.2PPG	Vis:	28	WL:	0	PV:	0	Flow T °:	0.0			
SAND:	0	Chlor:	0	GAS:	0	SOL:	0	Oil %:	0	YP:	0	PH:	0	Bottom Hole T °:	97.0
Formation:															
EXPANDED REASON PULLED:															
Motor was pulled at Casing Point TD															
BHA PERFORMANCE:															
Assembly did well in rotation, had a few stalls while sliding in raddy formation. motor yields averaged 8.6 deg per 100'															
ADDITIONAL COMMENTS: (Expands to next page if necessary)															
On Surface mottor was dry, it had some radial and axial slack in the bearings, we rerun this one on the next well. Bit was in good rerunable condition.															
WinSURV II Mud Motor Report															



JOB NO.:	DM-2022-068-SEDT-NM
Company:	STEWART ENERGY II, LLC
LOCATION:	Lea County, NM
RIG NAME:	Norton Rig 8
STATE:	New Mexico
COUNTY:	Lea County
WELL NAME:	Vamonos Fee 5H

FIELD:	Bronco S (San Andreas)
Legal Desc.	Township-Section-Range
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MOTOR INFORMATION	
Desc: 8 in 7/8 4.0, 1.75 Adj. 12 in NB Stab. 800-003	
Bent Hsg/Sub: 1.75 / 0	Bit to Bend: 6.62
Pad OD: 39451.00	NB Stab:

Slide Report for BHA # 1

Note: Surveys listed are interpolated from the actual surveys

#	Date	Drill Mode	Start Time	End Time	Hours	Start MD	End MD	Depth Drilled	WOB	ROP	RPM	Surf. Torque	Flow Rate	SPP	TFO	INC	AZM	DLS	Note
1	24-Mar	Drilling	05:35	06:00	0.42	59	97	38	5	91.2	40	2500	380	230		0.58	270.00	0.59	
1	24-Mar	Drilling	06:20	07:30	1.17	97	126	29	5	24.9	40	2500	380	230		0.59	239.86	1.56	
1	24-Mar	Drilling	07:50	08:15	0.42	126	179	53	5	127.2	40	2500	380	230		0.43	131.23	1.56	
1	24-Mar	Drilling	08:25	09:05	0.67	179	273	94	5	141.0	40	2500	380	230		0.88	99.44	0.22	
1	24-Mar	Drilling	09:15	09:20	0.08	273	295	22	5	264.0	40	2500	380	230		0.88	96.35	0.22	
1	24-Mar	Sliding	09:20	09:30	0.17	295	298	3	5	18.0	0	2500	380	230	50M	0.88	95.93	0.22	
1	24-Mar	Drilling	09:30	09:50	0.33	298	365	67	5	201.0	40	2500	380	230		1.87	100.79	1.63	
1	24-Mar	Sliding	10:00	10:30	0.50	365	385	20	5	40.0	0	2500	380	230	50M	2.19	101.54	1.63	
1	24-Mar	Drilling	10:30	10:50	0.33	385	456	71	5	213.0	40	2500	380	230		3.52	90.03	2.16	
1	24-Mar	Sliding	11:05	11:30	0.42	456	476	20	5	48.0	0	2500	380	230	30M	3.93	87.67	2.16	
1	24-Mar	Drilling	11:30	11:45	0.25	476	547	71	5	284.0	40	2500	380	230		5.25	81.27	1.98	
1	24-Mar	Sliding	11:55	12:10	0.25	547	567	20	5	80.0	0	2500	380	230	45M	5.63	79.98	1.98	
1	24-Mar	Drilling	12:10	12:25	0.25	567	639	72	5	288.0	40	2500	380	230		6.36	72.68	1.44	
1	24-Mar	Sliding	12:35	12:50	0.25	639	652	13	5	52.0	0	2500	380	230	65L	6.48	71.43	1.44	
1	24-Mar	Drilling	12:50	13:10	0.33	652	733	81	5	243.0	40	2500	380	230		7.22	62.18	1.71	
1	24-Mar	Sliding	13:45	14:00	0.25	733	748	15	5	60.0	0	2500	380	230	90L	7.36	60.53	1.71	
1	24-Mar	Drilling	14:00	14:15	0.25	748	828	80	5	320.0	40	2500	380	230		7.78	54.92	0.87	
1	24-Mar	Sliding	14:25	14:40	0.25	828	843	15	5	60.0	0	2500	730	1460	90L	7.83	54.06	0.87	
1	24-Mar	Drilling	14:40	14:55	0.25	843	923	80	5	320.0	40	2500	380	1460		8.30	49.52	1.03	
1	24-Mar	Sliding	15:05	15:20	0.25	923	938	15	5	60.0	0	11400	730	1460	90L	8.40	48.71	1.03	
1	24-Mar	Drilling	15:20	15:35	0.25	938	1018	80	5	320.0	40	11400	380	1460		9.03	44.99	1.07	
1	24-Mar	Sliding	15:45	16:00	0.25	1018	1026	8	5	32.0	0	11400	730	1460	35L	9.10	44.65	1.07	
1	24-Mar	Drilling	16:00	16:20	0.33	1026	1113	87	5	261.0	40	11400	380	1460		9.83	44.98	0.91	
1	24-Mar	Sliding	16:30	16:45	0.25	1113	1125	12	5	48.0	0	11400	730	1460	20R	9.93	45.24	0.91	
1	24-Mar	Drilling	16:45	17:00	0.25	1125	1208	83	5	332.0	40	11400	380	1460		10.90	47.93	1.45	
1	24-Mar	Sliding	17:15	17:30	0.25	1208	1223	15	5	60.0	0	11400	730	1460	360	11.09	48.43	1.45	

Slide Report for BHA # 1

Note: Surveys listed are interpolated from the actual surveys

#	Date	Drill Mode	Start Time	End Time	Hours	Start MD	End MD	Depth Drilled	WOB	ROP	RPM	Surf. Torque	Flow Rate	SPP	TFO	INC	AZM	DLS	Note
1	24-Mar	Drilling	17:30	17:45	0.25	1223	1303	80	25	320.0	60	11400	730	1560		12.37	48.68	1.70	
1	24-Mar	Sliding	17:55	18:20	0.42	1303	1318	15	7	36.0	60	11400	730	1560	20L	12.63	48.60	1.70	
1	24-Mar	Drilling	18:20	18:40	0.33	1318	1397	79	35	237.0	60	11400	730	1560		14.05	49.10	1.86	
1	24-Mar	Sliding	18:50	19:00	0.17	1397	1410	13	7	78.0	60	11400	730	1230	20L	14.29	49.21	1.86	
1	24-Mar	Drilling	19:00	19:15	0.25	1410	1492	82	35	328.0	60	11400	730	1560		15.53	49.33	1.39	
1	24-Mar	Sliding	19:25	19:35	0.17	1492	1503	11	7	66.0	60	11400	730	1230	20L	15.68	49.32	1.39	
1	24-Mar	Drilling	19:35	20:00	0.42	1503	1587	84	35	201.6	60	11400	730	1560		16.06	48.31	0.46	
1	24-Mar	Sliding	20:10	20:25	0.25	1587	1595	8	8	32.0	60	11400	730	1230	50L	16.07	48.18	0.46	
1	24-Mar	Drilling	20:25	20:50	0.42	1595	1679	84	35	201.6	60	11400	730	1560		15.81	47.26	0.52	
1	24-Mar	Drilling	21:00	21:30	0.50	1679	1775	96	35	192.0	60	11400	730	1560		16.05	47.22	0.67	
1	24-Mar	Sliding	21:40	22:15	0.58	1775	1787	12	4	20.6	60	11400	730	1200	360	16.13	47.27	0.67	
1	24-Mar	Drilling	22:15	22:45	0.50	1787	1869	82	35	164.0	60	11400	730	1560		16.15	47.59	0.22	
1	24-Mar	Drilling	22:55	23:25	0.50	1869	1964	95	35	190.0	60	14000	730	1560		16.37	47.43	0.48	
1	24-Mar	Sliding	23:35	23:45	0.17	1964	1972	8	9	48.0	60	14000	730	1240	10L	16.41	47.40	0.48	
1	24-Mar	Drilling	23:45	24:00	0.25	1972	2013	41	35	164.0	60	14000	730	1560		16.57	47.32	0.30	
1	25-Mar	Drilling	00:00	00:20	0.33	2013	2059	46	35	138.0	60	14000	730	1560		16.71	47.45	0.30	
1	25-Mar	Drilling	00:30	00:55	0.42	2059	2153	94	35	225.6	60	14000	730	1560		17.02	47.54	0.37	
1	25-Mar	Drilling	01:05	01:40	0.58	2153	2248	95	35	162.9	60	14000	730	1560		16.53	47.02	0.00	
1	25-Mar	Drilling	01:50	02:10	0.33	2248	2290	42	35	126.0	60	14000	730	1560		16.53	47.02	0.00	

Total Drilled: 2231 Ft Avg. Total ROP: 143.94

DEPTH% - TIME %

Total Rotary Drilled: 2008 Ft Avg. Rotary ROP: 188.25

Percent Rotary: 90.00 - 68.82

Total Drilled Sliding: 223 Ft Avg. Slide ROP: 46.14

Percent Slide: 10.00 - 31.18

BHA # 2		Your Company name here					
JOB NO.:	DM-2022-068-SED-T-NM	Work Order:		FIELD:	Bronco S (San Andreas)		
Company:	STEWART ENERGY II, LLC	Legal Desc.	Township-Section-Range				
LOCATION:	Lea County, NM		--				
RIG NAME:	Norton Rig 8	Lead DD:	Ritchie Richard				
STATE:	New Mexico	Co. Man:	Mike Amos / Wayne Keene				
COUNTY:	Lea County	TYPE:	Steerable Assembly				
WELL NAME:	Vamonos Fee 5H		163700 lbf	Wt @ Jars:	N/A		
Time and Depths		MOTOR DATA		Drilling Parameters			
Date In:	26-Mar-22 @ 08:40	7in 7/8 5.7 1.75 Fxd, Slick		SO/PU:	74 - 105	/	78-215
Date Out:	01-Apr-22 @ 15:15	MFG.: DrilTech		Rot Strg Wt:	76-140		
Hrs In Hole:	149.42	Pad OD:	7 1/8	WOB:	10 - 52		
Start Depth:	2290.00	NB Stab:	0.0	TORQ:	3700 - 24800		
End Depth:	11097.00	Bit to Bend:	4.6	SPP:	1000 - 2390		
Total Drilled:	8807.00	Bent Hsg/Sub°:	1.75 /	Motor RPM:	124		
Avg. Total ROP:	82.89	Lobe/Stage:	7/8 / 5.7	Rotary RPM:	35 - 60		
Circ Hrs: Tot/Only	111.58 / 5.33	Rev/Gal	0.24	Flow Rate:	420 - 516.0		
Percent Slide:	13.67	Rotor Jet:	0	Avg Diff:	500		
Percent Hrs:	30.27	Prop BUR:	10	Stall Pres.:			
Slide Hours:	32.17	Act BUR:	13	Off Bot Pres.:			
Total Sliding:	1204.00	Mud Data		Bit Record			
Avg. Slide ROP:	37.43	Type	Brine	Ulterra /			
Percent Rotary:	86.33	WT:	10.20 PPG	GAS:	550	Run #:	2
Percent Hrs:	69.73	Vis:	29	PV:	3	Type Bit:	PDC
Rotary Hours:	74.08	WL:	100	PH:	9.5	IADC#:	
Total Rotary:	7603.00	SOL:	6.6	SAND:	0.07	JETS:	6-14,2-16,18
Avg. Rotary ROP:	102.63	Oil %:	0	FT°	130F°	P Drop:	210 PSI @ 516 GPM
Reason POOH:	TD	Chlor:	181000	YP:	1	Cond.:	Repairable
MWD	Gamma: 44.0	Restiv:	.0	Sensor:	54.0	Last Casing	O.D.
Spacing	GYRO: .0	DNCS:	.0	Sonic:	.0	Shoe @:	Hanger @:
INC IN:	.0	INC OUT:	.0	AZM IN:	.00	AZM OUT:	.00
Drilled 8 1/2" Production Hole to Well TD @ 11,097' Drilled Remainder of Nudge Section Dropping Well Back to Vertical Motor Yields Averaged 12.75°/100', Drilled Curve which motor yields averaged 11.1°/100' in upper part of curve, 12.6°/100' in lower part of curve. In the lateral the assembly built in rotation up to 1.8°/100', this was corrected with maintenance slides. motor yields in the lateral averaged 17.7°/100'. On Surface Motor was Dry, Wear Pad was Worn down to the housing, Motor had some axial, and Radial Slack in the Bearings, Bit had one Missing Cutter, and a few Broken Cutters, Looks Repairable. Bit Info: 8 1/2" Ulterra PDC, Type - SPL613, Jets = 3 x 16's, 6 x 14's, TFA = 1.49 Motor Info: 7" 7/8 5.7, 1.75 Fxd.Slick Sleeve. B-B = 4.60, Flow = 300-600 GPM's, RPG = .24 Survey = 54' Gamma = 44'							
BHA Detail							
Description	Serial #	I.D. In.	O.D. In.	Length Ft	Sum Ft	Top Conn	MFG.
8 1/2" Ulterra PDC, SPL513, 3x16's,	58777		8 1/2	1.0	1.00	4 1/2 Reg-PP	Ulterra
7" Motor 7/8 5.7, 1.75 Fxd, Slik	DT700-020		7	31.8	32.80	4 1/2 IF-BB	DrilTech
Non Mag UBHO (MWD)	DT675-965	2 7/8	6 3/4	3.3	36.06	4 1/2 IF-BB	DrilTech
Non Mag Drill Collar (MWD)	SD55839	3 5/16	6 9/16	28.4	64.49	4 1/2 IF-BB	Stabil Drill
Non Mag Flex Collar	SD53474	2 7/8	6 5/8	28.7	93.17	4 1/2 IF-BB	Stabil Drill
72 Stds 5" Drill Pipe	Rig	4.3	5	6832.2	6925.39	4 1/2 IF-BB	Rig
24 Jts. 5" HWT Drill Pipe	Rig	3.000	5.000	729.2	7654.60	4 1/2 IF-BB	Rig
				0.0	7654.60		
WinSURV II BHA Report - License: NP5468							



24 Jts. 5" HWT Drill Pipe
O.D.=5.000 In.
Length=729.21 Ft

72 Stds 5" Drill Pipe
O.D.=5.000 In.
Length=6832.22 Ft

Non Mag Flex Collar
O.D.=6.625 In.
Length=28.68 Ft

Non Mag Drill Collar (MWD)
O.D.=6.563 In.
Length=28.43 Ft

Non Mag UBHO (MWD)
O.D.=6.750 In.
Length=3.26 Ft

7" Motor 7/8 5.7, 1.75 Fxd, Slik Sleeve
O.D.=7.000 In.
Length=31.80 Ft
FN=1.93 Ft

8 1/2" Ulterra PDC, SPL513, 3x16's, 6
O.D.=8.500 In.
Length=1.00 Ft
STAB OD=8.500 In.

BHA # 2		Mud Motor Report					
JOB NO.:	DM-2022-068-SEDT-NM		FIELD:	Bronco S (San Andreas)			
Company:	STEWARD ENERGY II, LLC		Legal Desc.	Township-Section-Range			
LOCATION:	Lea County, NM			--			
RIG NAME:	Norton Rig 8		Lead DD:	Ritchie Richard			
STATE:	New Mexico		Co. Man:	Mike Amos / Wayne Keene			
COUNTY:	Lea County		Motor Failed?	NO			
WELL NAME:	Vamonos Fee 5H						
Time and Depths (This BHA)		MOTOR DATA			Drilling Parameters		
Date In:	26-Mar-22 @ 08:40	Desc:	7in 7/8 5.7 1.75 Fxd, Slick Sleeve		SO/PU:	74 - 105 / 78-215	
Date Out:	01-Apr-22 @ 15:15	MFG.:	DriTech		Rot Wt:	76-140	
Hrs In Hole:	149.42	BHA Circ/ All BHA:	111.58 / 111.58		WOB:	10 - 52	
Start Depth:	2290.00	Motor SN:	DT700-020		TORQ:	3700 - 24800	
End Depth:	11097.00	Pad OD:	39090.00		SPP:	1000 - 2390	
Total Drilled:	8807.00	NB Stab:	0.00		Motor RPM:	123.8	
Avg. Total ROP:	82.89	Bit to Bend:	4.60		Rotary RPM:	35 - 60	
Circ Hrs:Tot/Only	111.58 / 5.33	Bent Hsg / Sub:	1.75 / /		Flow Rate:	420 - 516	
Percent Slide:	13.67	Lobe/Stage:	7/8 / 5.7		Avg Diff:	500	
Percent Hrs:	30.27	Revs/Gal	0.24		Stall Pres.:		
Slide Hours:	32.17	Rotor Jet:	0.0		Off Bot Pres.:		
Total Sliding:	1204.00	Prop BUR:	10		Bit Record		
Avg. Slide ROP:	37.43	Act BUR:	13		Ulterra /		
Percent Rotary:	86.33	Stator Clearance:			Run #:	2	
Percent Hrs:	69.73	Lower Stab OD:			Type Bit:	PDC	
Rot / Total Hrs:	74.08 / 106.25	Upper Stab OD:			IADC#:	TFA: 1.09 in ²	
Rotary Drilled:	7603.00	Extended Motor?	NO		JETS:	6-14,2-16,18	
Avg. Rotary ROP:	102.63	Number of Stalls:			P Drop:	210PSI @ 516 GPM	
Reason POOH:	TD	Stall Duration:			Cond.:	Repairable	
Mud Data							
Type	Brine	WT:	10.2PPG	Vis:	29	WL:	100
SAND:	0.0	Chlor:	181000	GAS:	550	SOL:	6.6
Formation:		Oil %:	0	YP:	1	PH:	9.5
						Flow T °:	92.0
						Bottom Hole T °:	130.0
EXPANDED REASON PULLED:							
BHA was pulled at well TD							
BHA PERFORMANCE:							
BHA performed well, Drill remainder of nudge droppong to vertical, motor yields averaged 12.75°/100 in this section, built curve, Motor Yields averaged 11.1°/100' in the upper part, 12.6°/100 in the lower part, assembly built in the lateral during rotation, this was corrected with slides, motor yields in the lateral averaged 17.7°/100.							
ADDITIONAL COMMENTS: (Expands to next page if necessary)							
On Surface the motor was dry, the Wear Pad worn down to the housing, Motor Had Axial, & Radial in the Bearings, Bit had A couple of Missing, & Broken Cutters, Bit is Repairable.							
WinSURV II Mud Motor Report							



JOB NO.:	DM-2022-068-SED-T-NM
Company:	STEWART ENERGY II, LLC
LOCATION:	Lea County, NM
RIG NAME:	Norton Rig 8
STATE:	New Mexico
COUNTY:	Lea County
WELL NAME:	Vamonos Fee 5H

FIELD:	Bronco S (San Andreas)
Legal Desc.	Township-Section-Range
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MOTOR INFORMATION	
Desc: 7in 7/8 5.7 1.75 Fxd, Slick Sleeve	
Bent Hsg/Sub: 1.75 / 0	Bit to Bend: 4.60
Pad OD: 39090.00	NB Stab:

Slide Report for BHA # 2

Note: Surveys listed are interpolated from the actual surveys

#	Date	Drill Mode	Start Time	End Time	Hours	Start MD	End MD	Depth Drilled	WOB	ROP	RPM	Surf. Torque	Flow Rate	SPP	TFO	INC	AZM	DLS	Note
2	26-Mar	Drilling	12:50	13:00	0.17	2290	2315	25	15	150.0	35	3700	420	1000		15.40	45.95	1.17	
2	26-Mar	Drilling	13:00	13:40	0.67	2315	2367	52	35	78.0	60	6300	516	1350		15.68	47.95	1.17	
2	26-Mar	Sliding	13:50	14:10	0.33	2367	2375	8	20	24.0	60	6300	516	1150	35R	15.73	48.25	1.17	
2	26-Mar	Drilling	14:10	14:55	0.75	2375	2462	87	35	116.0	60	8000	516	1400		15.92	49.53	0.03	
2	26-Mar	Sliding	15:35	15:40	0.08	2462	2467	5	20	60.0	60	8000	516	1150	360	15.92	49.54	0.03	
2	26-Mar	Drilling	15:40	16:00	0.33	2467	2558	91	35	273.0	60	8000	516	1500		16.12	49.92	0.41	
2	26-Mar	Drilling	16:15	16:30	0.25	2558	2653	95	35	380.0	60	8000	516	1500		16.37	50.03	0.19	
2	26-Mar	Drilling	16:40	17:00	0.33	2653	2748	95	35	285.0	60	10000	516	1550		15.79	50.11	1.20	
2	26-Mar	Sliding	17:10	17:20	0.17	2748	2755	7	35	42.0	60	10000	516	1550	165L	15.71	50.14	1.20	
2	26-Mar	Drilling	17:20	17:40	0.33	2755	2843	88	35	264.0	60	10000	516	1550		14.75	50.17	1.01	
2	26-Mar	Sliding	17:50	17:55	0.08	2843	2850	7	35	84.0	60	10000	516	1550	165L	14.68	50.16	1.01	
2	26-Mar	Drilling	17:55	18:15	0.33	2850	2939	89	35	267.0	60	10000	516	1550		13.88	49.07	0.95	
2	26-Mar	Sliding	18:25	18:35	0.17	2939	2948	9	35	54.0	60	10000	516	1550	150L	13.80	48.89	0.95	
2	26-Mar	Drilling	18:35	18:50	0.25	2948	3034	86	35	344.0	60	10000	516	1550		12.74	48.63	1.49	
2	26-Mar	Sliding	19:00	19:10	0.17	3034	3046	12	35	72.0	60	10000	516	1550	180	12.56	48.72	1.49	
2	26-Mar	Drilling	19:10	19:30	0.33	3046	3129	83	35	249.0	60	10800	516	1500		11.43	47.66	1.39	
2	26-Mar	Sliding	19:40	19:50	0.17	3129	3139	10	35	60.0	60	10800	516	1500	180	11.30	47.41	1.39	
2	26-Mar	Drilling	19:50	20:15	0.42	3139	3224	85	35	204.0	60	10800	516	1500		10.11	47.28	1.48	
2	26-Mar	Sliding	20:25	20:40	0.25	3224	3232	8	35	32.0	60	10800	516	1500	160R	10.00	47.39	1.48	
2	26-Mar	Drilling	20:40	21:10	0.50	3232	3320	88	35	176.0	60	10800	516	1500		8.55	48.08	1.76	
2	26-Mar	Sliding	21:20	21:35	0.25	3320	3331	11	35	44.0	60	10800	516	1500	180	8.36	48.12	1.76	
2	26-Mar	Drilling	21:35	22:35	1.00	3331	3415	84	35	84.0	60	4600	516	1400		7.07	51.56	1.62	
2	26-Mar	Sliding	22:45	23:05	0.33	3415	3426	11	35	33.0	60	4600	516	1400	165R	6.92	52.32	1.62	
2	26-Mar	Drilling	23:05	23:35	0.50	3426	3510	84	35	168.0	60	10100	516	1700		6.06	55.80	0.87	
2	26-Mar	Sliding	23:45	24:00	0.25	3510	3521	11	35	44.0	60	10100	516	1700	165L	5.97	56.08	0.87	
2	27-Mar	Drilling	00:00	01:05	1.08	3521	3605	84	35	77.5	60	10100	516	1700		5.12	54.07	1.22	

Slide Report for BHA # 2

Note: Surveys listed are interpolated from the actual surveys

#	Date	Drill Mode	Start Time	End Time	Hours	Start MD	End MD	Depth Drilled	WOB	ROP	RPM	Surf. Torque	Flow Rate	SPP	TFO	INC	AZM	DLS	Note
2	27-Mar	Sliding	01:15	01:30	0.25	3605	3620	15	35	60.0	60	10100	516	1700	150L	4.95	53.18	1.22	
2	27-Mar	Drilling	01:30	02:00	0.50	3620	3701	81	35	162.0	60	10100	516	1700		3.71	59.24	2.04	
2	27-Mar	Sliding	02:10	02:30	0.33	3701	3718	17	35	51.0	60	11000	516	1700	180	3.43	62.58	2.04	
2	27-Mar	Drilling	02:30	03:20	0.83	3718	3795	77	35	92.4	60	11000	516	1700		2.31	61.38	1.54	
2	27-Mar	Sliding	03:30	03:50	0.33	3795	3810	15	35	45.0	60	11000	516	1700	150L	2.10	58.69	1.54	
2	27-Mar	Drilling	03:50	04:30	0.67	3810	3890	80	35	120.0	60	11000	516	1700		0.83	47.54	1.72	
2	27-Mar	Sliding	04:40	05:00	0.33	3890	3906	16	35	48.0	60	11000	516	1400	255M	0.56	42.91	1.72	
2	27-Mar	Drilling	05:00	05:40	0.67	3906	3985	79	35	118.5	60	11000	516	1700		0.22	19.92	0.11	
2	27-Mar	Drilling	05:50	06:50	1.00	3985	4079	94	35	94.0	60	11000	516	1700		0.31	19.30	0.11	
2	27-Mar	Drilling	07:00	08:00	1.00	4079	4173	94	35	94.0	60	11000	516	1700		0.22	38.33	0.31	
2	27-Mar	Drilling	08:10	09:50	1.67	4173	4268	95	35	57.0	60	11000	516	1700		0.18	73.67	0.00	
2	27-Mar	Drilling	10:40	12:00	1.33	4268	4363	95	35	71.3	60	11000	516	1700		0.12	61.37	0.12	
2	27-Mar	Drilling	12:10	12:50	0.67	4363	4458	95	35	142.5	60	11000	516	1700		0.14	56.58	0.11	
2	27-Mar	Drilling	13:00	14:40	1.67	4458	4553	95	35	57.0	60	11000	516	1700		0.10	45.03	0.16	
2	27-Mar	Drilling	14:50	16:25	1.58	4553	4616	63	35	39.8	60	11000	516	1700		0.58	141.63	2.30	
2	27-Mar	Drilling	16:35	16:50	0.25	4616	4630	14	35	56.0	60	11000	516	1700		1.08	142.14	5.79	
2	27-Mar	Sliding	16:50	17:25	0.58	4630	4647	17	27	29.1	40	11000	516	1370	160M	2.06	144.45	5.79	
2	27-Mar	Drilling	17:55	18:00	0.08	4647	4654	7	35	84.0	40	11000	516	1370		2.47	144.87	5.79	
2	27-Mar	Sliding	18:00	18:50	0.83	4654	4679	25	27	30.0	40	11000	516	1370	160M	4.15	146.64	6.89	
2	27-Mar	Drilling	19:00	19:05	0.08	4679	4688	9	35	108.0	40	11000	516	1370		4.77	147.00	6.89	
2	27-Mar	Sliding	19:05	19:50	0.75	4688	4711	23	27	30.7	40	11000	516	1370	160M	6.53	147.92	7.70	
2	27-Mar	Drilling	20:00	20:10	0.17	4711	4717	6	35	36.0	40	11000	516	1370		6.99	148.08	7.70	
2	27-Mar	Sliding	20:10	20:55	0.75	4717	4742	25	27	33.3	40	11000	516	1370	170M	8.79	149.01	7.12	
2	27-Mar	Drilling	21:10	21:15	0.08	4742	4750	8	35	96.0	40	11000	516	1370		9.36	149.26	7.12	
2	27-Mar	Sliding	21:15	22:00	0.75	4750	4775	25	27	33.3	40	11000	516	1420	30R	11.27	149.52	7.69	
2	27-Mar	Drilling	22:10	22:20	0.17	4775	4781	6	35	36.0	40	11000	516	1420		11.73	149.56	7.69	
2	27-Mar	Sliding	22:20	23:10	0.83	4781	4806	25	27	30.0	40	11000	516	1420	360	13.95	149.45	9.07	
2	27-Mar	Drilling	23:20	23:25	0.08	4806	4812	6	35	72.0	40	11000	516	1420		14.50	149.42	9.07	
2	27-Mar	Sliding	23:25	24:00	0.58	4812	4837	25	30	42.9	40	11000	516	1450	360	16.58	150.48	8.35	
2	28-Mar	Drilling	00:15	00:25	0.17	4837	4844	7	35	42.0	40	12000	516	1450		17.16	150.78	8.35	
2	28-Mar	Sliding	00:25	01:10	0.75	4844	4869	25	30	33.3	40	12100	516	1450	30R	18.90	152.90	7.35	
2	28-Mar	Drilling	01:15	01:25	0.17	4869	4879	10	35	60.0	40	12500	516	1450		19.60	153.74	9.00	
2	28-Mar	Sliding	01:25	02:00	0.58	4879	4901	22	30	37.7	40	12500	516	1520	45R	21.41	156.04	9.00	
2	28-Mar	Drilling	02:05	02:15	0.17	4901	4909	8	35	48.0	40	12500	516	1520		22.08	156.79	9.00	
2	28-Mar	Sliding	02:15	02:50	0.58	4909	4931	22	30	37.7	40	12500	516	1520	45R	23.83	157.87	8.14	

Slide Report for BHA # 2

Note: Surveys listed are interpolated from the actual surveys

#	Date	Drill Mode	Start Time	End Time	Hours	Start MD	End MD	Depth Drilled	WOB	ROP	RPM	Surf. Torque	Flow Rate	SPP	TFO	INC	AZM	DLS	Note
2	28-Mar	Drilling	03:00	03:10	0.17	4931	4941	10	35	60.0	40	12500	516	1520		24.62	158.29	8.14	
2	28-Mar	Sliding	03:10	03:45	0.58	4941	4964	23	30	39.4	40	12500	516	1520	10R	26.27	158.22	7.16	
2	28-Mar	Drilling	03:55	04:05	0.17	4964	4975	11	35	66.0	40	11100	516	1520		27.06	158.20	7.65	
2	28-Mar	Sliding	04:05	04:35	0.50	4975	4995	20	31	40.0	40	11100	516	1520	360	28.59	158.20	7.65	
2	28-Mar	Drilling	04:45	04:50	0.08	4995	5007	12	35	144.0	40	11100	516	1520		29.52	158.25	8.01	
2	28-Mar	Sliding	04:50	05:15	0.42	5007	5026	19	31	45.6	40	11100	516	1520	15R	31.03	158.57	8.01	
2	28-Mar	Drilling	05:25	05:40	0.25	5026	5034	8	35	32.0	40	11100	516	1520		31.67	158.70	8.01	
2	28-Mar	Sliding	05:40	06:20	0.67	5034	5058	24	31	36.0	40	11100	516	1520	15R	33.58	158.85	7.94	
2	28-Mar	Drilling	06:30	06:40	0.17	5058	5069	11	35	66.0	35	11100	516	1520		34.47	158.92	8.83	
2	28-Mar	Sliding	06:40	07:05	0.42	5069	5090	21	31	50.4	35	11100	516	1520	360	36.32	159.09	8.83	
2	28-Mar	Drilling	07:15	07:20	0.08	5090	5098	8	35	96.0	35	11100	516	1520		37.02	159.15	8.83	
2	28-Mar	Sliding	07:20	07:50	0.50	5098	5120	22	32	44.0	35	11100	516	1520	360	38.67	159.22	7.41	
2	28-Mar	Drilling	08:05	08:15	0.17	5120	5133	13	35	78.0	35	11100	516	1520		39.62	159.28	6.93	
2	28-Mar	Sliding	08:15	08:45	0.50	5133	5153	20	32	40.0	35	11100	516	1520	360	40.99	159.56	6.93	
2	28-Mar	Drilling	08:55	09:05	0.17	5153	5167	14	35	84.0	35	11100	516	1520		41.94	159.75	6.59	
2	28-Mar	Sliding	09:05	09:25	0.33	5167	5185	18	35	54.0	35	11100	516	1570	360	43.11	160.01	6.59	
2	28-Mar	Drilling	09:35	09:45	0.17	5185	5198	13	35	78.0	35	11100	516	1570		43.99	160.18	7.20	
2	28-Mar	Sliding	09:45	10:05	0.33	5198	5216	18	35	54.0	35	11100	516	1570	360	45.27	160.37	7.20	
2	28-Mar	Drilling	10:20	10:30	0.17	5216	5227	11	35	66.0	35	11100	516	1570		46.06	160.48	7.39	
2	28-Mar	Sliding	10:30	11:00	0.50	5227	5248	21	35	42.0	35	11100	516	1570	360	47.62	160.48	7.39	
2	28-Mar	Drilling	11:10	11:15	0.08	5248	5258	10	35	120.0	35	11100	516	1570		48.36	160.46	8.58	
2	28-Mar	Sliding	11:15	11:45	0.50	5258	5280	22	35	44.0	35	11100	516	1570	360	50.23	160.09	8.58	
2	28-Mar	Drilling	11:55	12:00	0.08	5280	5289	9	35	108.0	35	11100	516	1570		51.00	159.95	8.88	
2	28-Mar	Sliding	12:00	12:30	0.50	5289	5310	21	35	42.0	35	11100	516	1570	360	52.85	159.65	8.88	
2	28-Mar	Drilling	12:40	12:50	0.17	5310	5319	9	35	54.0	35	11100	516	1570		53.64	159.53	8.88	
2	28-Mar	Sliding	12:50	13:20	0.50	5319	5342	23	35	46.0	35	11100	516	1570	360	55.60	159.14	8.63	
2	28-Mar	Drilling	14:20	14:25	0.08	5342	5353	11	35	132.0	35	11100	516	1570		56.52	158.98	7.66	
2	28-Mar	Sliding	14:25	14:50	0.42	5353	5374	21	35	50.4	35	11100	516	1570	360	58.13	158.86	7.66	
2	28-Mar	Drilling	15:05	15:10	0.08	5374	5384	10	35	120.0	35	11100	516	1570		58.77	158.82	1.78	
2	28-Mar	Sliding	15:10	15:20	0.17	5384	5390	6	35	36.0	35	11100	516	1570	360	58.88	158.86	1.78	
2	28-Mar	Drilling	15:20	15:35	0.25	5390	5405	15	35	60.0	35	11100	516	1570		59.13	158.94	1.78	
2	28-Mar	Drilling	15:50	16:10	0.33	5405	5436	31	35	93.0	35	13900	516	1785		59.33	158.99	0.28	
2	28-Mar	Drilling	16:20	16:35	0.25	5436	5467	31	35	124.0	35	13900	516	1785		59.48	158.93	0.58	
2	28-Mar	Drilling	16:40	16:55	0.25	5467	5499	32	35	128.0	35	13900	516	1785		59.59	158.84	0.37	
2	28-Mar	Drilling	17:15	17:30	0.25	5499	5531	32	35	128.0	35	13900	516	1785		59.80	158.94	0.98	

Slide Report for BHA # 2

Note: Surveys listed are interpolated from the actual surveys

#	Date	Drill Mode	Start Time	End Time	Hours	Start MD	End MD	Depth Drilled	WOB	ROP	RPM	Surf. Torque	Flow Rate	SPP	TFO	INC	AZM	DLS	Note
2	28-Mar	Drilling	17:40	17:55	0.25	5531	5563	32	35	128.0	35	13900	516	1785		60.08	159.06	0.91	
2	28-Mar	Drilling	18:05	18:15	0.17	5563	5594	31	35	186.0	35	13900	516	1785		60.34	159.02	0.85	
2	28-Mar	Drilling	18:25	18:40	0.25	5594	5625	31	35	124.0	35	13900	516	1785		60.89	158.93	2.20	
2	28-Mar	Drilling	18:50	19:00	0.17	5625	5640	15	35	90.0	35	13900	516	1785		61.58	158.86	9.42	
2	28-Mar	Sliding	19:00	19:20	0.33	5640	5657	17	40	51.0	35	13900	516	1785	360	63.18	158.71	9.42	
2	28-Mar	Drilling	19:40	19:50	0.17	5657	5664	7	35	42.0	35	13900	516	1785		63.83	158.66	9.42	
2	28-Mar	Sliding	19:50	20:15	0.42	5664	5688	24	41	57.6	35	13900	516	1785	360	65.95	158.21	8.96	
2	28-Mar	Drilling	20:25	20:35	0.17	5688	5697	9	35	54.0	35	13900	516	1785		66.74	158.04	8.96	
2	28-Mar	Sliding	20:35	21:00	0.42	5697	5720	23	41	55.2	35	13900	516	1785	360	68.34	157.36	7.42	
2	28-Mar	Drilling	21:10	21:25	0.25	5720	5733	13	35	52.0	35	13900	516	1785		69.27	157.02	8.05	
2	28-Mar	Sliding	21:25	21:45	0.33	5733	5752	19	41	57.0	35	13900	516	1785	360	70.78	156.75	8.05	
2	28-Mar	Drilling	21:55	22:00	0.08	5752	5763	11	35	132.0	35	13900	516	1785		71.68	156.63	9.66	
2	28-Mar	Sliding	22:00	22:25	0.42	5763	5783	20	42	48.0	35	13900	516	1785	15R	73.61	156.74	9.66	
2	28-Mar	Drilling	22:35	22:45	0.17	5783	5788	5	35	30.0	35	13900	516	1785		74.09	156.77	9.66	
2	28-Mar	Sliding	22:45	23:15	0.50	5788	5815	27	44	54.0	35	13900	516	1660	15R	76.69	156.79	9.63	
2	28-Mar	Drilling	23:25	23:30	0.08	5815	5822	7	35	84.0	35	13900	516	1660		77.37	156.79	9.63	
2	28-Mar	Sliding	23:30	24:00	0.50	5822	5846	24	44	48.0	35	13900	516	1660	20R	79.97	157.22	11.13	
2	29-Mar	Drilling	00:05	00:10	0.08	5846	5877	31	35	372.0	35	13900	516	1660		83.45	157.71	11.44	
2	29-Mar	Sliding	00:10	00:40	0.50	5877	5877	0	45	0.0	35	13900	516	1660	30R	83.45	157.71	11.44	
2	29-Mar	Sliding	00:50	01:35	0.75	5877	5910	33	47	44.0	35	13900	516	1660	30R	86.67	158.17	9.17	
2	29-Mar	Drilling	01:45	01:55	0.17	5910	5922	12	35	72.0	35	13900	516	1660		87.67	158.34	6.20	
2	29-Mar	Sliding	01:55	02:20	0.42	5922	5937	15	49	36.0	35	13900	516	1660	30R	88.56	158.59	6.20	
2	29-Mar	Drilling	02:20	02:25	0.08	5937	5941	4	35	48.0	35	13900	516	1660		88.80	158.66	6.20	
2	29-Mar	Drilling	02:35	02:55	0.33	5941	5973	32	35	96.0	35	13900	516	1660		89.84	159.44	3.51	
2	29-Mar	Drilling	03:05	03:10	0.08	5973	5983	10	35	120.0	35	13900	516	1660		90.06	159.73	4.06	
2	29-Mar	Sliding	03:10	03:30	0.33	5983	5995	12	49	36.0	35	13900	516	1660	90R	90.26	160.17	4.06	
2	29-Mar	Drilling	03:30	03:35	0.08	5995	6004	9	35	108.0	35	13900	516	1660		90.42	160.50	4.06	
2	29-Mar	Drilling	03:45	04:00	0.25	6004	6036	32	35	128.0	35	13900	516	1660		90.65	161.41	2.53	
2	29-Mar	Drilling	04:05	04:25	0.33	6036	6067	31	35	93.0	35	14500	516	1660		90.77	162.18	2.53	
2	29-Mar	Drilling	04:35	04:40	0.08	6067	6077	10	35	120.0	35	14500	516	1660		90.81	162.43	2.53	
2	29-Mar	Sliding	04:40	04:50	0.17	6077	6089	12	49	72.0	35	14500	516	1660	120R	90.85	162.73	2.53	
2	29-Mar	Drilling	04:50	05:25	0.58	6089	6162	73	35	125.1	60	14600	516	1720		90.67	164.26	1.99	
2	29-Mar	Drilling	05:45	05:55	0.17	6162	6172	10	35	60.0	60	14600	516	1720		90.62	164.45	1.99	
2	29-Mar	Sliding	05:55	06:15	0.33	6172	6184	12	40	36.0	60	14600	516	1500	130R	90.57	164.68	1.99	
2	29-Mar	Drilling	06:15	06:50	0.58	6184	6257	73	35	125.1	60	14600	516	1500		90.09	165.79	1.56	

Slide Report for BHA # 2

Note: Surveys listed are interpolated from the actual surveys

#	Date	Drill Mode	Start Time	End Time	Hours	Start MD	End MD	Depth Drilled	WOB	ROP	RPM	Surf. Torque	Flow Rate	SPP	TFO	INC	AZM	DLS	Note
2	29-Mar	Drilling	07:00	07:05	0.08	6257	6267	10	35	120.0	60	14600	516	1720		90.01	165.93	1.56	
2	29-Mar	Sliding	07:05	07:25	0.33	6267	6279	12	42	36.0	60	14600	516	1450	130R	89.93	166.10	1.56	
2	29-Mar	Drilling	07:25	08:10	0.75	6279	6353	74	35	98.7	60	14600	516	1720		89.38	167.48	2.19	
2	29-Mar	Drilling	08:20	08:30	0.17	6353	6363	10	35	60.0	60	14600	516	1720		89.30	167.69	2.19	
2	29-Mar	Sliding	08:30	08:50	0.33	6363	6375	12	42	36.0	60	14600	516	1475	120R	89.21	167.94	2.19	
2	29-Mar	Drilling	08:50	09:30	0.67	6375	6447	72	35	108.0	60	14600	516	1650		89.72	169.25	2.11	
2	29-Mar	Drilling	09:40	09:50	0.17	6447	6457	10	35	60.0	60	14600	516	1650		89.84	169.42	2.11	
2	29-Mar	Sliding	09:50	10:10	0.33	6457	6468	11	42	33.0	60	14600	516	1475	90R	89.97	169.61	2.11	
2	29-Mar	Drilling	10:10	10:55	0.75	6468	6543	75	35	100.0	60	14600	516	1675		90.22	171.08	2.03	
2	29-Mar	Drilling	11:05	11:15	0.17	6543	6557	14	35	84.0	60	14600	516	1675		90.22	171.36	2.03	
2	29-Mar	Sliding	11:15	11:30	0.25	6557	6570	13	42	52.0	60	14600	516	1475	110R	90.22	171.63	2.03	
2	29-Mar	Drilling	11:30	12:05	0.58	6570	6638	68	35	116.6	60	16100	516	1675		89.67	172.65	1.71	
2	29-Mar	Drilling	12:45	12:50	0.08	6638	6648	10	35	120.0	60	16100	516	1675		89.57	172.79	1.71	
2	29-Mar	Sliding	12:50	13:10	0.33	6648	6660	12	41	36.0	60	16100	516	1480	110R	89.45	172.96	1.71	
2	29-Mar	Drilling	13:10	13:50	0.67	6660	6734	74	35	111.0	60	16100	516	1675		88.60	173.13	1.21	
2	29-Mar	Drilling	14:00	14:10	0.17	6734	6744	10	35	60.0	60	16100	516	1675		88.48	173.11	1.21	
2	29-Mar	Sliding	14:10	14:25	0.25	6744	6756	12	41	48.0	60	16100	516	1480	90R	88.34	173.09	1.21	
2	29-Mar	Drilling	14:25	15:05	0.67	6756	6829	73	35	109.5	60	16100	516	1675		88.95	174.29	2.77	
2	29-Mar	Drilling	15:50	15:55	0.08	6829	6839	10	35	120.0	60	16100	516	1675		89.10	174.52	2.77	
2	29-Mar	Sliding	15:55	16:15	0.33	6839	6852	13	41	39.0	60	16100	516	1480	70R	89.30	174.81	2.77	
2	29-Mar	Drilling	16:15	16:55	0.67	6852	6925	73	35	109.5	60	16100	516	1675		89.97	175.87	1.34	
2	29-Mar	Drilling	17:20	17:25	0.08	6925	6935	10	35	120.0	60	16100	516	1675		90.04	175.99	1.34	
2	29-Mar	Sliding	17:25	17:40	0.25	6935	6947	12	41	48.0	60	16100	516	1480	80R	90.12	176.13	1.34	
2	29-Mar	Drilling	17:40	18:25	0.75	6947	7016	69	35	92.0	60	16100	516	1480		90.78	177.48	2.42	
2	29-Mar	Drilling	18:35	18:40	0.08	7016	7026	10	35	120.0	60	16100	516	1480		90.89	177.70	2.42	
2	29-Mar	Sliding	18:40	19:00	0.33	7026	7039	13	41	39.0	60	16100	516	1480	90R	91.02	177.98	2.42	
2	29-Mar	Drilling	19:00	19:45	0.75	7039	7109	70	35	93.3	60	16100	516	1480		90.88	179.30	1.89	
2	29-Mar	Drilling	20:00	20:10	0.17	7109	7119	10	35	60.0	60	16100	516	1480		90.82	179.48	1.89	
2	29-Mar	Sliding	20:10	20:30	0.33	7119	7128	9	41	27.0	60	16100	516	1480	150R	90.77	179.65	1.89	
2	29-Mar	Drilling	20:30	21:10	0.67	7128	7201	73	35	109.5	60	17100	516	1480		90.55	179.94	0.22	
2	29-Mar	Drilling	21:15	21:20	0.08	7201	7211	10	35	120.0	60	17100	516	1480		90.53	179.93	0.22	
2	29-Mar	Sliding	21:20	21:30	0.17	7211	7216	5	41	30.0	60	17100	516	1480	160L	90.52	179.93	0.22	
2	29-Mar	Drilling	21:30	22:10	0.67	7216	7291	75	35	112.5	60	17100	516	1480		89.85	180.07	1.20	
2	29-Mar	Drilling	22:20	22:30	0.17	7291	7301	10	35	60.0	60	17100	516	1480		89.73	180.09	1.20	
2	29-Mar	Sliding	22:30	22:45	0.25	7301	7309	8	41	32.0	60	17100	516	1480	160L	89.64	180.12	1.20	

Slide Report for BHA # 2

Note: Surveys listed are interpolated from the actual surveys

#	Date	Drill Mode	Start Time	End Time	Hours	Start MD	End MD	Depth Drilled	WOB	ROP	RPM	Surf. Torque	Flow Rate	SPP	TFO	INC	AZM	DLS	Note
2	29-Mar	Drilling	22:45	23:25	0.67	7309	7381	72	35	108.0	60	17100	516	1480		89.22	179.33	1.60	
2	29-Mar	Drilling	23:35	23:45	0.17	7381	7391	10	35	60.0	60	17400	516	1870		89.18	179.18	1.60	
2	29-Mar	Sliding	23:45	24:00	0.25	7391	7397	6	41	24.0	60	17400	516	1650	90L	89.16	179.09	1.60	
2	30-Mar	Drilling	00:00	00:40	0.67	7397	7472	75	35	112.5	60	17400	516	1820		89.39	178.87	0.61	
2	30-Mar	Drilling	00:50	01:40	0.83	7472	7562	90	35	108.0	60	17400	516	1820		90.07	179.20	0.99	
2	30-Mar	Drilling	01:50	02:45	0.92	7562	7654	92	35	100.4	60	17400	516	1820		90.25	179.68	0.63	
2	30-Mar	Drilling	02:55	03:05	0.17	7654	7664	10	35	60.0	60	17400	516	1820		90.22	179.74	0.63	
2	30-Mar	Sliding	03:05	03:20	0.25	7664	7670	6	41	24.0	60	17400	516	1650	180	90.20	179.77	0.63	
2	30-Mar	Drilling	03:20	04:15	0.92	7670	7749	79	35	86.2	60	17400	516	1820		90.33	179.51	0.83	
2	30-Mar	Drilling	04:25	04:30	0.08	7749	7759	10	35	120.0	60	17400	516	1820		90.37	179.43	0.83	
2	30-Mar	Sliding	04:30	04:40	0.17	7759	7765	6	41	36.0	60	17400	516	1650	110L	90.39	179.39	0.83	
2	30-Mar	Drilling	04:40	05:25	0.75	7765	7844	79	35	105.3	60	17400	516	1820		90.48	179.45	0.46	
2	30-Mar	Drilling	05:30	05:35	0.08	7844	7854	10	35	120.0	60	18500	516	1990		90.48	179.49	0.46	
2	30-Mar	Sliding	05:35	05:50	0.25	7854	7860	6	45	24.0	60	18500	516	1830	165L	90.48	179.52	0.46	
2	30-Mar	Drilling	05:50	06:30	0.67	7860	7940	80	35	120.0	60	18500	516	1990		90.08	179.09	1.25	
2	30-Mar	Drilling	06:45	06:50	0.08	7940	7950	10	35	120.0	60	18500	516	1990		90.01	178.99	1.25	
2	30-Mar	Sliding	06:50	07:05	0.25	7950	7958	8	45	32.0	60	18500	516	1830	145L	89.95	178.91	1.25	
2	30-Mar	Drilling	07:05	07:35	0.50	7958	8035	77	35	154.0	60	18500	516	1990		90.03	178.43	0.65	
2	30-Mar	Drilling	07:45	08:35	0.83	8035	8131	96	35	115.2	60	18500	516	1990		90.22	178.50	0.47	
2	30-Mar	Drilling	08:50	08:55	0.08	8131	8141	10	35	120.0	60	18500	516	1990		90.22	178.54	0.47	
2	30-Mar	Sliding	08:55	09:05	0.17	8141	8146	5	45	30.0	60	18500	516	1830	160R	90.22	178.57	0.47	
2	30-Mar	Drilling	09:05	09:55	0.83	8146	8224	78	35	93.6	60	18500	516	2130		89.97	179.03	0.79	
2	30-Mar	Drilling	10:15	10:25	0.17	8224	8234	10	35	60.0	60	18500	516	2130		89.92	179.09	0.79	
2	30-Mar	Sliding	10:25	10:35	0.17	8234	8239	5	46	30.0	60	18500	516	1940	180	89.90	179.12	0.79	
2	30-Mar	Drilling	10:35	11:20	0.75	8239	8319	80	35	106.7	60	19500	516	2120		90.43	179.34	1.22	
2	30-Mar	Drilling	11:30	12:25	0.92	8319	8413	94	35	102.5	60	19500	516	2120		90.32	179.13	1.20	
2	30-Mar	Drilling	13:10	13:20	0.17	8413	8423	10	35	60.0	60	19500	516	2120		90.21	179.08	1.20	
2	30-Mar	Sliding	13:20	13:45	0.42	8423	8432	9	47	21.6	60	19500	516	1930	170L	90.11	179.04	1.20	
2	30-Mar	Drilling	13:45	14:40	0.92	8432	8508	76	35	82.9	60	19500	516	2090		89.67	178.79	0.46	
2	30-Mar	Drilling	14:55	15:05	0.17	8508	8518	10	35	60.0	60	19500	516	2090		89.63	178.76	0.46	
2	30-Mar	Sliding	15:05	15:15	0.17	8518	8522	4	47	24.0	60	19500	516	1930	180	89.62	178.75	0.46	
2	30-Mar	Drilling	15:15	16:15	1.00	8522	8603	81	35	81.0	60	19500	516	2090		89.67	178.43	0.54	
2	30-Mar	Drilling	16:25	17:15	0.83	8603	8697	94	35	112.8	60	20500	516	2180		90.18	178.34	0.76	
2	30-Mar	Drilling	17:25	18:20	0.92	8697	8792	95	35	103.6	60	20500	516	2180		90.18	178.71	0.78	
2	30-Mar	Drilling	18:30	18:40	0.17	8792	8802	10	35	60.0	60	20500	516	2180		90.13	178.77	0.78	

Slide Report for BHA # 2

Note: Surveys listed are interpolated from the actual surveys

#	Date	Drill Mode	Start Time	End Time	Hours	Start MD	End MD	Depth Drilled	WOB	ROP	RPM	Surf. Torque	Flow Rate	SPP	TFO	INC	AZM	DLS	Note
2	30-Mar	Sliding	18:40	18:55	0.25	8802	8809	7	47	28.0	60	20500	516	2180	180	90.09	178.81	0.78	
2	30-Mar	Drilling	18:55	19:30	0.58	8809	8887	78	35	133.7	60	20500	516	2180		89.55	178.94	0.76	
2	30-Mar	Drilling	19:40	19:50	0.17	8887	8897	10	35	60.0	60	20500	516	2180		89.48	178.94	0.76	
2	30-Mar	Sliding	19:50	20:05	0.25	8897	8903	6	47	24.0	60	20500	516	2180	120L	89.43	178.94	0.76	
2	30-Mar	Drilling	20:05	20:35	0.50	8903	8981	78	35	156.0	60	20500	516	2180		89.55	178.99	0.56	
2	30-Mar	Drilling	21:45	22:40	0.92	8981	9077	96	35	104.7	60	20500	516	2180		90.63	179.13	1.59	
2	30-Mar	Drilling	22:45	23:25	0.67	9077	9172	95	35	142.5	60	20500	516	2180		90.43	178.85	1.70	
2	30-Mar	Drilling	23:35	23:45	0.17	9172	9182	10	35	60.0	60	20500	516	2180		90.27	178.79	1.70	
2	30-Mar	Sliding	23:45	24:00	0.25	9182	9191	9	51	36.0	60	20500	516	2000	160L	90.13	178.73	1.70	
2	31-Mar	Drilling	00:00	00:35	0.58	9191	9267	76	40	130.3	60	20500	516	2200	160L	89.68	178.54	0.21	
2	31-Mar	Drilling	00:45	01:25	0.67	9267	9362	95	40	142.5	60	20500	516	2200		89.80	178.16	0.74	
2	31-Mar	Drilling	01:35	02:25	0.83	9362	9458	96	40	115.2	60	20500	516	2200		89.50	178.19	1.03	
2	31-Mar	Drilling	02:30	02:40	0.17	9458	9468	10	40	60.0	60	20500	516	2200		89.41	178.25	1.03	
2	31-Mar	Sliding	02:40	03:00	0.33	9468	9475	7	51	21.0	60	20500	516	2000	100R	89.35	178.29	1.03	
2	31-Mar	Drilling	03:00	03:40	0.67	9475	9551	76	40	114.0	60	20500	516	2320		89.41	179.36	1.82	
2	31-Mar	Drilling	03:50	03:55	0.08	9551	9561	10	40	120.0	60	20500	516	2320		89.46	179.54	1.82	
2	31-Mar	Sliding	03:55	04:15	0.33	9561	9568	7	51	21.0	60	20500	516	2120	90R	89.49	179.66	1.82	
2	31-Mar	Drilling	04:15	04:55	0.67	9568	9646	78	40	117.0	60	20500	516	2320		89.86	179.98	0.51	
2	31-Mar	Drilling	05:05	05:50	0.75	9646	9739	93	40	124.0	60	20500	516	2320		90.39	179.86	0.66	
2	31-Mar	Drilling	06:00	06:55	0.92	9739	9834	95	40	103.6	60	22500	516	2320		90.41	180.33	1.05	
2	31-Mar	Drilling	07:05	07:15	0.17	9834	9844	10	40	60.0	60	22500	516	2320		90.36	180.42	1.05	
2	31-Mar	Sliding	07:15	07:30	0.25	9844	9850	6	47	24.0	60	22500	516	2115	180	90.33	180.48	1.05	
2	31-Mar	Drilling	07:30	07:35	0.08	9850	9855	5	40	60.0	60	23000	516	2320		90.31	180.52	1.05	
2	31-Mar	Drilling	07:40	08:20	0.67	9855	9928	73	40	109.5	60	23000	516	2300		89.47	180.00	1.90	
2	31-Mar	Drilling	08:30	08:40	0.17	9928	9938	10	40	60.0	60	23000	516	2300		89.33	179.87	1.90	
2	31-Mar	Sliding	08:40	09:00	0.33	9938	9944	6	50	18.0	60	23000	516	2135	110L	89.25	179.79	1.90	
2	31-Mar	Drilling	09:00	09:55	0.92	9944	10023	79	40	86.2	60	23000	516	2300		89.40	179.32	0.96	
2	31-Mar	Drilling	10:05	10:15	0.17	10023	10033	10	40	60.0	60	23000	516	2300		89.49	179.29	0.96	
2	31-Mar	Sliding	10:15	10:30	0.25	10033	10038	5	45	20.0	60	23000	516	2135	30L	89.53	179.28	0.96	
2	31-Mar	Drilling	10:30	11:15	0.75	10038	10119	81	40	108.0	60	23000	516	2300		90.54	179.36	1.43	
2	31-Mar	Drilling	11:25	12:20	0.92	10119	10213	94	40	102.5	60	23000	516	2300		90.71	179.07	1.04	
2	31-Mar	Drilling	13:00	13:10	0.17	10213	10223	10	40	60.0	60	23000	516	2300		90.63	179.00	1.04	
2	31-Mar	Sliding	13:10	13:25	0.25	10223	10230	7	47	28.0	60	23000	516	2100	150L	90.58	178.94	1.04	
2	31-Mar	Drilling	13:25	14:20	0.92	10230	10309	79	40	86.2	60	23000	516	2300		90.40	178.86	0.19	
2	31-Mar	Drilling	14:35	14:45	0.17	10309	10319	10	40	60.0	60	24800	516	2300		90.40	178.88	0.19	

Slide Report for BHA # 2

Note: Surveys listed are interpolated from the actual surveys

#	Date	Drill Mode	Start Time	End Time	Hours	Start MD	End MD	Depth Drilled	WOB	ROP	RPM	Surf. Torque	Flow Rate	SPP	TFO	INC	AZM	DLS	Note
2	31-Mar	Sliding	14:45	15:00	0.25	10319	10323	4	47	16.0	60	24800	516	2130	180	90.40	178.89	0.19	
2	31-Mar	Drilling	15:00	15:50	0.83	10323	10403	80	40	96.0	60	24800	516	2300		0.00	0.00	0.00	
2	31-Mar	Drilling	16:00	16:10	0.17	10403	10414	11	40	66.0	60	24800	516	2300		0.00	0.00	0.00	
2	31-Mar	Sliding	16:10	16:25	0.25	10414	10420	6	50	24.0	60	24800	516	2225	180	0.00	0.00	0.00	
2	31-Mar	Drilling	16:25	17:20	0.92	10420	10499	79	40	86.2	60	24800	516	2390		0.00	0.00	0.00	
2	31-Mar	Drilling	17:45	19:05	1.33	10499	10595	96	40	72.0	60	24800	516	2390		0.00	0.00	0.00	
2	31-Mar	Drilling	19:15	19:30	0.25	10595	10605	10	40	40.0	60	24800	516	2390		0.00	0.00	0.00	
2	31-Mar	Sliding	19:30	19:55	0.42	10605	10612	7	50	16.8	60	24800	516	2200	120R	0.00	0.00	0.00	
2	31-Mar	Drilling	19:55	20:45	0.83	10612	10690	78	40	93.6	60	24800	516	2390		0.00	0.00	0.00	
2	31-Mar	Drilling	20:55	21:00	0.08	10690	10700	10	40	120.0	60	24800	516	2390		0.00	0.00	0.00	
2	31-Mar	Sliding	21:00	21:25	0.42	10700	10707	7	52	16.8	60	24800	516	2210	160R	0.00	0.00	0.00	
2	31-Mar	Drilling	21:25	22:20	0.92	10707	10784	77	40	84.0	60	24800	516	2210		0.00	0.00	0.00	
2	31-Mar	Drilling	22:30	23:35	1.08	10784	10878	94	40	86.8	60	24800	516	2210		0.00	0.00	0.00	
2	31-Mar	Drilling	23:45	24:00	0.25	10878	10900	22	40	88.0	60	24800	516	2210		0.00	0.00	0.00	
2	1-Apr	Drilling	00:00	00:50	0.83	10900	10974	74	40	88.8	60	24800	516	2210		0.00	0.00	0.00	
2	1-Apr	Drilling	01:40	02:50	1.17	10974	11069	95	40	81.4	60	24800	516	2210		0.00	0.00	0.00	
2	1-Apr	Drilling	03:00	03:25	0.42	11069	11097	28	40	67.2	60	24800	516	2210		0.00	0.00	0.00	

Total Drilled: 8807 Ft **Avg. Total ROP:** 82.89**DEPTH% - TIME %****Total Rotary Drilled:** 7603 Ft **Avg. Rotary ROP:** 102.63 **Percent Rotary:** 86.33 - 69.73**Total Drilled Sliding:** 1204 Ft **Avg. Slide ROP:** 37.43 **Percent Slide:** 13.67 - 30.27

	JOB NO.: DM-2022-068-SED-T-NM		Report Time: 2400		1 of 11	
	Company: STEWARD ENERGY II, LLC		API JOB # 30-025-49708			
	LOCATION: Lea County, NM		WORK ORDER#			
	RIG NAME: Norton Rig 8		FIELD: Bronco S (San Andreas)			
	STATE: New Mexico		Legal Desc.		Township-Section-Range --	
	COUNTY: Lea County					
	WELL NAME: Vamonos Fee 5H					

From Tuesday, March 22, 2022 at 0000 to Tuesday, March 22, 2022 at 2400

DRILLING SUMMARY				Drilling Parameters							
Start Depth	0.00	Rotary Hours	0.00	WOB	0	Pick Up	0	Slack Off	0	SPM	
End Depth	0.00	Circulating Hours	0.00	RAB	0	SPP	0	FlowRate	0 - 0	0	
Total Drilled:	0.00	Avg. Total ROP:	NA	Mud Data							
Total Rotary Drilled:	0.00	Avg. Rotary ROP:	NA	Type				PV	0	SOLID	0
Total Drilled Sliding:	0.00	Avg. Slide ROP:	NA	Weight	.00 PPG	GAS	0	YP	0	BHT°	.0
Slide Hours:	0.00	Percent Rotary:	NA	Viscosity	0	SAND	0	PH	0	Flow T°	.0
Below Rotary Hrs.	14.00	Percent Slide:	NA	Chlorides	0	WL	0			Oil %	0

PERSONNEL		CASING			BHA		
Lead Directional :	Wayne Reid	Size	Ibf/Ft	Set Depth	N/A		
Second Directional :	Ritchie Richard	20.00	.00	59.00			
MWD Operator1	Chris Burk	9 5/8	36.00	2290.00			
MWD Operator2	Frankie Alfano						
Directional Company:	DrilTech						
Geologist:		Signature: _____					
Company Man:	Mike Amos / Wayne Keene						
Incl. In:	0	Azm. In:	0	Incl. Out:	0	Azm. Out:	0

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
22-Mar-22	00:00	14:00	14.00	59.0	59.0	Other	Travel & Arrive at Norton Rig 8
22-Mar-22	14:00	15:30	1.50	59	59	Standby	Standby, Unload Tools and Check same, Start up Job
22-Mar-22	15:30	24:00	8.50	59	59	Standby	Standby, Wait on Rig to Rig up, Weather Delay (Wind)

WinSERVE II Daily Report License: NP5468 **Daily Report for JOB#: DM-2022-068-SED-T-NM - Page 1 of 1**

	JOB NO.: DM-2022-068-SED-T-NM		Report Time: 2400		2 of 11						
	Company: STEWARD ENERGY II, LLC		API JOB # 30-025-49708								
	LOCATION: Lea County, NM		WORK ORDER#								
	RIG NAME: Norton Rig 8		FIELD: Bronco S (San Andreas)								
	STATE: New Mexico		Legal Desc.		Township-Section-Range --						
	COUNTY: Lea County										
	WELL NAME: Vamonos Fee 5H										
From Wednesday, March 23, 2022 at 0000 to Wednesday, March 23, 2022 at 2400											
DRILLING SUMMARY				Drilling Parameters							
Start Depth	0.00	Rotary Hours	0.00	WOB	0	Pick UP	0	Slack Off	0	SPM	
End Depth	0.00	Circulating Hours	0.00	RAB	0	SPP	0	FlowRate	0 - 0	0	
Total Drilled:	0.00	Avg. Total ROP:	NA	Mud Data							
Total Rotary Drilled:	0.00	Avg. Rotary ROP:	NA	Type				PV	0	SOLID	0
Total Drilled Sliding:	0.00	Avg. Slide ROP:	NA	Weight	.00 PPG	GAS	0	YP	0	BHT°	.0
Slide Hours:	0.00	Percent Rotary:	NA	Viscosity	0	SAND	0	PH	0	Flow T°	.0
Below Rotary Hrs.	0.00	Percent Slide:	NA	Chlorides	0	WL	0			Oil %	0
PERSONNEL				CASING			BHA				
Lead Directional :	Wayne Reid			Size	Ibf/Ft	Set Depth	N/A				
Second Directional :	Ritchie Richard			20.00	.00	59.00					
MWD Operator1	Chris Burk			9 5/8	36.00	2290.00					
MWD Operator2	Frankie Alfano										
Directional Company:	DrilTech										
Geologist:				Signature:							
Company Man:	Mike Amos / Wayne Keene										
Incl. In:	0	Azm. In:	0	Incl. Out:	0	Azm. Out:	0				
GENERAL COMMENT											
Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT				
23-Mar-22	00:00	24:00	24.00	59.0	59.0	Standby	Standby for Rig to Rig up.				

	JOB NO.: DM-2022-068-SED-T-NM		Report Time: 2400 3 of 11		
	Company: STEWARD ENERGY II, LLC		API JOB # 30-025-49708		
	LOCATION: Lea County, NM		WORK ORDER#		
	RIG NAME: Norton Rig 8		FIELD: Bronco S (San Andreas)		
	STATE: New Mexico		Legal Desc.	Township-Section-Range --	
	COUNTY: Lea County				
	WELL NAME: Vamonos Fee 5H				

From Thursday, March 24, 2022 at 0000 to Thursday, March 24, 2022 at 2400

DRILLING SUMMARY				Drilling Parameters							
Start Depth	59.00	Rotary Hours	9.00	WOB	35	Pick UP	117	Slack Off	113	SPM	
End Depth	2013.00	Circulating Hours	0.42	RAB	115	SPP	1560	FlowRate	0 - 730	160	
Total Drilled:	1954.00	Avg. Total ROP:	141.25	Mud Data							
Total Rotary Drilled:	1731.00	Avg. Rotary ROP:	192.33	Type	spud			PV	0	SOLID	0
Total Drilled Sliding:	223.00	Avg. Slide ROP:	46.14	Weight	8.20 PPG	GAS	0	YP	0	BHT°	97.0
Slide Hours:	4.83	Percent Rotary:	88.59	Viscosity	28	SAND	0	PH	0	Flow T°	.0
Below Rotary Hrs.	22.00	Percent Slide:	11.41	Chlorides	0	WL	0			Oil %	0

PERSONNEL		CASING		BHA			
Lead Directional :	Wayne Reid	Size	lbf/Ft	Set Depth	BHA # 1:CF616 PDC,Jets 6-18s, 7/8,4.0,Fixed@1.75,rpg .16, 11 1/2 Nortrack Stab., Mule Shoe, Mwd Monel, Monel, 3 ea Steel Drill Collars, X-Over, 15 Jts 5" HWT DP, .		
Second Directional :	Ritchie Richard	20.00	.00	59.00			
MWD Operator1	Chris Burk	9 5/8	36.00	2290.00			
MWD Operator2	Frankie Alfano						
Directional Company:	DrilTech						
Geologist:		Signature:					
Company Man:	Mike Amos / Wayne Keene						
Incl. In:	0.7	Azm. In:	244.86	Incl. Out:	16.09	Azm. Out:	47.72

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
24-Mar-22	00:00	02:00	2.00	59.0	59.0	Standby	Standby
24-Mar-22	02:00	03:15	1.25	59	59	Other	Move tools to Catwalk & Rig Floor
24-Mar-22	03:15	04:00	0.75	59	59	Other	Strap Hwt DP & Steel Collars
24-Mar-22	04:00	05:35	1.58	59	59	Change BHA	P/U BHA #1, Scribe Motor, Pump to Clear, M/U Bit
24-Mar-22	05:35	06:00	0.42	59	97	Drilling	Change BHA
24-Mar-22	06:00	06:20	0.33	97	97	Other	Pick up Mwd and drill collar
24-Mar-22	06:20	07:30	1.17	97	126	Drilling	Drilling - (WOB:5.00;GPM :380.00;RPM:40)
24-Mar-22	07:30	07:50	0.33	126	126	Connection	Connection
24-Mar-22	07:50	08:15	0.42	126	179	Drilling	Drilling - (WOB:5.00;GPM :380.00;RPM:40)
24-Mar-22	08:15	08:25	0.17	179	179	Survey & Conn.	Survey & Conn.@118' Inc 0.7° Azm 244.86°
24-Mar-22	08:25	09:05	0.67	179	273	Drilling	Drilling - (WOB:5.00;GPM :380.00;RPM:40)
24-Mar-22	09:05	09:15	0.17	273	273	Survey & Conn.	Survey & Conn.@212' Inc 0.88° Azm 108.01°
24-Mar-22	09:15	09:20	0.08	273	295	Drilling	Drilling - (WOB:5.00;GPM :380.00;RPM:40)
24-Mar-22	09:20	09:30	0.17	295	298	Sliding	Drilling - (WOB:5.00;GPM :380.00;RPM:40)
24-Mar-22	09:30	09:50	0.33	298	365	Drilling	Drilling - (WOB:5.00;GPM :380.00;RPM:40)
24-Mar-22	09:50	10:00	0.17	365	365	Survey & Conn.	Survey & Conn.@304' Inc 0.88° Azm 95.09°
24-Mar-22	10:00	10:30	0.50	365	385	Sliding	Sliding - (WOB:5.00;GPM :380;TFO:50M))
24-Mar-22	10:30	10:50	0.33	385	456	Drilling	Drilling - (WOB:5.00;GPM :380.00;RPM:40)

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Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
24-Mar-22	10:50	11:05	0.25	456	456	Survey & Conn.	Survey & Conn.@396' Inc 2.37° Azm 101.86°
24-Mar-22	11:05	11:30	0.42	456	476	Sliding	Sliding - (WOB:5.00;GPM :380;TFO:30M))
24-Mar-22	11:30	11:45	0.25	476	547	Drilling	Drilling - (WOB:5.00;GPM :380.00;RPM:40)
24-Mar-22	11:45	11:55	0.17	547	547	Survey & Conn.	Survey & Conn.@486' Inc 4.13° Azm 86.66°
24-Mar-22	11:55	12:10	0.25	547	567	Sliding	Sliding - (WOB:5.00;GPM :380;TFO:45M))
24-Mar-22	12:10	12:25	0.25	567	639	Drilling	Drilling - (WOB:5.00;GPM :380.00;RPM:40)
24-Mar-22	12:25	12:35	0.17	639	639	Survey & Conn.	Survey & Conn.@576' Inc 5.8° Azm 79.45°
24-Mar-22	12:35	12:50	0.25	639	652	Sliding	Sliding - (WOB:5.00;GPM :380;TFO:65L))
24-Mar-22	12:50	13:10	0.33	652	733	Drilling	Drilling - (WOB:5.00;GPM :380.00;RPM:40)
24-Mar-22	13:10	13:35	0.42	733	733	Rig Service-Inhole	Rig Service-Inhole
24-Mar-22	13:35	13:45	0.17	733	733	Survey & Conn.	Survey & Conn.@672' Inc 6.68° Azm 69.6°
24-Mar-22	13:45	14:00	0.25	733	748	Sliding	Sliding - (WOB:5.00;GPM :380;TFO:90L))
24-Mar-22	14:00	14:15	0.25	748	828	Drilling	Drilling - (WOB:5.00;GPM :380.00;RPM:40)
24-Mar-22	14:15	14:25	0.17	828	828	Survey & Conn.	Survey & Conn.@767' Inc 7.56° Azm 58.53°
24-Mar-22	14:25	14:40	0.25	828	843	Sliding	Sliding - (WOB:5.00;GPM :730;TFO:90L))
24-Mar-22	14:40	14:55	0.25	843	923	Drilling	Drilling - (WOB:5.00;GPM :380.00;RPM:40)
24-Mar-22	14:55	15:05	0.17	923	923	Survey & Conn.	Survey & Conn.@862' Inc 7.91° Azm 52.99°
24-Mar-22	15:05	15:20	0.25	923	938	Sliding	Sliding - (WOB:5.00;GPM :730;TFO:90L))
24-Mar-22	15:20	15:35	0.25	938	1018	Drilling	Drilling - (WOB:5.00;GPM :380.00;RPM:40)
24-Mar-22	15:35	15:45	0.17	1018	1018	Survey & Conn.	Survey & Conn.@957' Inc 8.53° Azm 47.72°
24-Mar-22	15:45	16:00	0.25	1018	1026	Sliding	Sliding - (WOB:5.00;GPM :730;TFO:35L))
24-Mar-22	16:00	16:20	0.33	1026	1113	Drilling	Drilling - (WOB:5.00;GPM :380.00;RPM:40)
24-Mar-22	16:20	16:30	0.17	1113	1113	Survey & Conn.	Survey & Conn.@1052' Inc 9.32° Azm 43.59°
24-Mar-22	16:30	16:45	0.25	1113	1125	Sliding	Sliding - (WOB:5.00;GPM :730;TFO:20R))
24-Mar-22	16:45	17:00	0.25	1125	1208	Drilling	Drilling - (WOB:5.00;GPM :380.00;RPM:40)
24-Mar-22	17:00	17:15	0.25	1208	1208	Survey & Conn.	Survey & Conn.@1147' Inc 10.11° Azm 45.7°
24-Mar-22	17:15	17:30	0.25	1208	1223	Sliding	Sliding - (WOB:5.00;GPM :730;TFO:360))
24-Mar-22	17:30	17:45	0.25	1223	1303	Drilling	Drilling - (WOB:25.00;GPM :730.00;RPM:60)
24-Mar-22	17:45	17:55	0.17	1303	1303	Survey & Conn.	Survey & Conn.@1242' Inc 11.34° Azm 49.04°
24-Mar-22	17:55	18:20	0.42	1303	1318	Sliding	Sliding - (WOB:7.00;GPM :730;TFO:20L))
24-Mar-22	18:20	18:40	0.33	1318	1397	Drilling	Drilling - (WOB:35.00;GPM :730.00;RPM:60)
24-Mar-22	18:40	18:50	0.17	1397	1397	Survey & Conn.	Survey & Conn.@1336' Inc 12.93° Azm 48.51°
24-Mar-22	18:50	19:00	0.17	1397	1410	Sliding	Sliding - (WOB:7.00;GPM :730;TFO:20L))
24-Mar-22	19:00	19:15	0.25	1410	1492	Drilling	Drilling - (WOB:25.00;GPM :730.00;RPM:60)
24-Mar-22	19:15	19:25	0.17	1492	1492	Survey & Conn.	Survey & Conn.@1431' Inc 14.68° Azm 49.39°
24-Mar-22	19:25	19:35	0.17	1492	1503	Sliding	Sliding - (WOB:7.00;GPM :730;TFO:20L))
24-Mar-22	19:35	20:00	0.42	1503	1587	Drilling	Drilling - (WOB:25.00;GPM :730.00;RPM:60)
24-Mar-22	20:00	20:10	0.17	1587	1587	Survey & Conn.	Survey & Conn.@1526' Inc 16° Azm 49.3°
24-Mar-22	20:10	20:25	0.25	1587	1595	Sliding	Sliding - (WOB:8.00;GPM :730;TFO:50L))
24-Mar-22	20:25	20:50	0.42	1595	1679	Drilling	Drilling - (WOB:35.00;GPM :730.00;RPM:60)
24-Mar-22	20:50	21:00	0.17	1679	1679	Survey & Conn.	Survey & Conn.@1618' Inc 16.09° Azm 47.81°
24-Mar-22	21:00	21:30	0.50	1679	1775	Drilling	Drilling - (WOB:35.00;GPM :730.00;RPM:60)
24-Mar-22	21:30	21:40	0.17	1775	1775	Survey & Conn.	Survey & Conn.@1714' Inc 15.65° Azm 46.93°
24-Mar-22	21:40	22:15	0.58	1775	1787	Sliding	Sliding - (WOB:4.00;GPM :730;TFO:360))
24-Mar-22	22:15	22:45	0.50	1787	1869	Drilling	Drilling - (WOB:35.00;GPM :730.00;RPM:60)
24-Mar-22	22:45	22:55	0.17	1869	1869	Survey & Conn.	Survey & Conn.@1808' Inc 16.27° Azm 47.37°
24-Mar-22	22:55	23:25	0.50	1869	1964	Drilling	Drilling - (WOB:35.00;GPM :730.00;RPM:60)

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
24-Mar-22	23:25	23:35	0.17	1964	1964	Survey & Conn.	Survey & Conn.@1903' Inc 16.09° Azm 47.72°
24-Mar-22	23:35	23:45	0.17	1964	1972	Sliding	Sliding - (WOB:9.00;GPM :730;TFO:10L))
24-Mar-22	23:45	24:00	0.25	1972	2013	Drilling	Drilling - (WOB:35.00;GPM :730.00;RPM:60)

	JOB NO.: DM-2022-068-SED-T-NM		Report Time: 2400 4 of 11		
	Company: STEWARD ENERGY II, LLC		API JOB # 30-025-49708		
	LOCATION: Lea County, NM		WORK ORDER#		
	RIG NAME: Norton Rig 8		FIELD: Bronco S (San Andreas)		
	STATE: New Mexico		Legal Desc.	Township-Section-Range --	
	COUNTY: Lea County				
	WELL NAME: Vamonos Fee 5H				

From Friday, March 25, 2022 at 0000 to Friday, March 25, 2022 at 2400

DRILLING SUMMARY				Drilling Parameters							
Start Depth	2013.00	Rotary Hours	1.67	WOB	35	Pick UP	117	Slack Off	113	SPM	
End Depth	2290.00	Circulating Hours	0.58	RAB	115	SPP	1560	FlowRate	730 - 730	160	
Total Drilled:	277.00	Avg. Total ROP:	166.20	Mud Data							
Total Rotary Drilled:	277.00	Avg. Rotary ROP:	166.20	Type	spud			PV	0	SOLID	0
Total Drilled Sliding:	0.00	Avg. Slide ROP:	NA	Weight	8.20 PPG	GAS	0	YP	0	BHT°	97.0
Slide Hours:	0.00	Percent Rotary:	100.00	Viscosity	28	SAND	0	PH	0	Flow T°	.0
Below Rotary Hrs.	24.00	Percent Slide:	.00	Chlorides	0	WL	0	Oil %		0	

PERSONNEL		CASING			BHA		
Lead Directional :	Ritchie Richard	Size	lbf/Ft	Set Depth	BHA # 1:CF616 PDC,Jets 6-18s, 7/8,4.0,Fixed@1.75,rpg .16, 11 1/2 Nortrack Stab., Mule Shoe, Mwd Monel, Monel, 3 ea Steel Drill Collars, X-Over, 15 Jts 5" HWT DP, .		
Second Directional :	Jason Ferguson	20.00	.00	59.00			
MWD Operator1	Chris Burk	9 5/8	36.00	2290.00			
MWD Operator2	Frankie Alfano						
Directional Company:	DrilTech						
Geologist:		Signature:					
Company Man:	Mike Amos / Wayne Keene						
Incl. In:	16.09	Azm. In:	47.72	Incl. Out:	16.09	Azm. Out:	47.72

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
25-Mar-22	00:00	00:20	0.33	2013.0	2059.0	Drilling	Drilling - (WOB:35.00;GPM :730.00;RPM:60)
25-Mar-22	00:20	00:30	0.17	2059	2059	Survey & Conn.	Survey & Conn.@1998' Inc 16.53° Azm 47.28°
25-Mar-22	00:30	00:55	0.42	2059	2153	Drilling	Drilling - (WOB:35.00;GPM :730.00;RPM:60)
25-Mar-22	00:55	01:05	0.17	2153	2153	Survey & Conn.	Survey & Conn.@2092' Inc 16.8° Azm 47.54°
25-Mar-22	01:05	01:40	0.58	2153	2248	Drilling	Drilling - (WOB:35.00;GPM :730.00;RPM:60)
25-Mar-22	01:40	01:50	0.17	2248	2248	Survey & Conn.	Survey & Conn.@2187' Inc 17.15° Azm 47.54°
25-Mar-22	01:50	02:10	0.33	2248	2290	Drilling	Drilling - (WOB:35.00;GPM :730.00;RPM:60)
25-Mar-22	02:10	02:15	0.08	2290	2290	MWD Survey	MWD Survey@2229' Inc 16.53° Azm 47.02°
25-Mar-22	02:15	02:45	0.50	2290	2290	Circulating	Circ Sweep & Hole Clean at Csg Pt TD
25-Mar-22	02:45	04:15	1.50	2290	2290	POOH	POOH to 7 3/4" Steel Drill Collars
25-Mar-22	04:15	04:45	0.50	2290	2290	POOH	POOH, L/D & 3/4" Steel Drill Collars
25-Mar-22	04:45	05:45	1.00	2290	2290	Change BHA	L/D BHA #1
25-Mar-22	05:45	06:00	0.25	2290	2290	Other	Move Tools to Racks & Baskets
25-Mar-22	06:00	12:05	6.08	2290	2290	Other	R/U & Run 9 5/8" casing
25-Mar-22	12:05	15:00	2.92	2290	2290	Other	Circulate & Cement Casing
25-Mar-22	15:00	19:00	4.00	2290	2290	Other	Wait on Cement
25-Mar-22	19:00	21:00	2.00	2290	2290	Other	Cut off and weld on head
25-Mar-22	21:00	24:00	3.00	2290	2290	Other	P/U and N/U BOP

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	JOB NO.: DM-2022-068-SED-TNM		Report Time: 2400 5 of 11		
	Company: STEWARD ENERGY II, LLC		API JOB # 30-025-49708		
	LOCATION: Lea County, NM		WORK ORDER#		
	RIG NAME: Norton Rig 8		FIELD: Bronco S (San Andreas)		
	STATE: New Mexico		Legal Desc.	Township-Section-Range --	
	COUNTY: Lea County				
	WELL NAME: Vamonos Fee 5H				

From Saturday, March 26, 2022 at 0000 to Saturday, March 26, 2022 at 2400

DRILLING SUMMARY				Drilling Parameters							
Start Depth	2290.00	Rotary Hours	6.17	WOB	35	Pick UP	115	Slack Off	100	SPM	
End Depth	3521.00	Circulating Hours	1.08	RAB	105	SPP	1700	FlowRate	0 - 516	115	
Total Drilled:	1231.00	Avg. Total ROP:	146.26	Mud Data							
Total Rotary Drilled:	1132.00	Avg. Rotary ROP:	183.57	Type	spud			PV	0	SOLID	0
Total Drilled Sliding:	99.00	Avg. Slide ROP:	44.00	Weight	8.20 PPG	GAS	0	YP	0	BHT°	97.0
Slide Hours:	2.25	Percent Rotary:	91.96	Viscosity	28	SAND	0	PH	0	Flow T°	.0
Below Rotary Hrs.	16.83	Percent Slide:	8.04	Chlorides	0	WL	0			Oil %	0

PERSONNEL		CASING			BHA		
Lead Directional :	Ritchie Richard	Size	lbf/Ft	Set Depth	BHA # 2.8 1/2" Ulterra PDC, SPL513, 3x16's, 6x14's, TFA = 1.49, 7" Motor 7/8 5.7, 1.75 Fxd, Silk Sleeve, Non Mag UBHO (MWD), Non Mag Drill Collar (MWD), Non Mag Flex Collar, 72 Stds 5" Drill Pipe, 24 Jts. 5" HWT Drill Pipe, ,		
Second Directional :	Jason Ferguson	20.00	.00	59.00			
MWD Operator1	Chris Burk	9 5/8	36.00	2290.00			
MWD Operator2	Frankie Alfano						
Directional Company:	DrilTech						
Geologist:		Signature:					
Company Man:	Mike Amos / Wayne Keene						
Incl. In:	16.09	Azm. In:	47.72	Incl. Out:	6.51	Azm. Out:	54.58

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
26-Mar-22	00:00	03:00	3.00	2290.0	2290.0	N/U BOPS	N/U BOP's
26-Mar-22	03:00	04:00	1.00	2290	2290	Other	Fill Pits with Drilling Fluid
26-Mar-22	04:00	07:00	3.00	2290	2290	N/U BOPS	Test BOP's, Secure Stack, Prep Floor
26-Mar-22	07:00	07:45	0.75	2290	2290	Other	Move tools to catwalk & Rig Floor
26-Mar-22	07:45	08:40	0.92	2290	2290	Change BHA	P/U BHA #2 Test MWD, & Motor (Good Test)
26-Mar-22	08:40	10:30	1.83	2290	2290	TIH	M/U Bit TIH to 2245' Tagged cement
26-Mar-22	10:30	11:00	0.50	2290	2290	Other	Install Rotating Head
26-Mar-22	11:00	12:10	1.17	2290	2290	Test BOPS	Test BOPS, Test Pipe Rams, & Annular
26-Mar-22	12:10	12:35	0.42	2290	2290	Circulating	Drig Cement & Flt Collar F/ 2245 - 2272
26-Mar-22	12:35	12:40	0.08	2290	2290	Connection	Connection
26-Mar-22	12:40	12:50	0.17	2290	2290	Circulating	Drig Cement & Shoe F/ 2272 - 2290
26-Mar-22	12:50	13:00	0.17	2290	2315	Drilling	Drilling - (WOB:15.00;GPM :420.00;RPM:35)
26-Mar-22	13:00	13:40	0.67	2315	2367	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
26-Mar-22	13:40	13:50	0.17	2367	2367	Survey & Conn.	Survey & Conn.@2313' Inc 15.39° Azm 45.87°
26-Mar-22	13:50	14:10	0.33	2367	2375	Sliding	Sliding - (WOB:20.00;GPM :516;TFO:35R))
26-Mar-22	14:10	14:55	0.75	2375	2462	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
26-Mar-22	14:55	15:20	0.42	2462	2462	Circulating	Circulating Working on Top Drive Brake
26-Mar-22	15:20	15:35	0.25	2462	2462	Survey & Conn.	Survey & Conn.@2408' Inc 15.92° Azm 49.48°

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Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
26-Mar-22	15:35	15:40	0.08	2462	2467	Sliding	Sliding - (WOB:20.00;GPM :516;TFO:360))
26-Mar-22	15:40	16:00	0.33	2467	2558	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
26-Mar-22	16:00	16:05	0.08	2558	2558	Circulating	Circulating, Work on Top Drive Brake
26-Mar-22	16:05	16:15	0.17	2558	2558	Survey & Conn.	Survey & Conn.@2504' Inc 15.92° Azm 49.57°
26-Mar-22	16:15	16:30	0.25	2558	2653	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
26-Mar-22	16:30	16:40	0.17	2653	2653	Survey & Conn.	Survey & Conn.@2599' Inc 16.27° Azm 50.18°
26-Mar-22	16:40	17:00	0.33	2653	2748	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
26-Mar-22	17:00	17:10	0.17	2748	2748	Survey & Conn.	Survey & Conn.@2694' Inc 16.44° Azm 49.92°
26-Mar-22	17:10	17:20	0.17	2748	2755	Sliding	Sliding - (WOB:35.00;GPM :516;TFO:165L))
26-Mar-22	17:20	17:40	0.33	2755	2843	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
26-Mar-22	17:40	17:50	0.17	2843	2843	Survey & Conn.	Survey & Conn.@2789' Inc 15.3° Azm 50.27°
26-Mar-22	17:50	17:55	0.08	2843	2850	Sliding	Sliding - (WOB:35.00;GPM :516;TFO:165L))
26-Mar-22	17:55	18:15	0.33	2850	2939	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
26-Mar-22	18:15	18:25	0.17	2939	2939	Survey & Conn.	Survey & Conn.@2885' Inc 14.33° Azm 50.09°
26-Mar-22	18:25	18:35	0.17	2939	2948	Sliding	Sliding - (WOB:35.00;GPM :516;TFO:150L))
26-Mar-22	18:35	18:50	0.25	2948	3034	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
26-Mar-22	18:50	19:00	0.17	3034	3034	Survey & Conn.	Survey & Conn.@2980' Inc 13.54° Azm 48.25°
26-Mar-22	19:00	19:10	0.17	3034	3046	Sliding	Sliding - (WOB:35.00;GPM :516;TFO:180))
26-Mar-22	19:10	19:30	0.33	3046	3129	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
26-Mar-22	19:30	19:40	0.17	3129	3129	Survey & Conn.	Survey & Conn.@3075' Inc 12.13° Azm 48.95°
26-Mar-22	19:40	19:50	0.17	3129	3139	Sliding	Sliding - (WOB:35.00;GPM :516;TFO:180))
26-Mar-22	19:50	20:15	0.42	3139	3224	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
26-Mar-22	20:15	20:25	0.17	3224	3224	Survey & Conn.	Survey & Conn.@3170' Inc 10.9° Azm 46.58°
26-Mar-22	20:25	20:40	0.25	3224	3232	Sliding	Sliding - (WOB:35.00;GPM :516;TFO:160R))
26-Mar-22	20:40	21:10	0.50	3232	3320	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
26-Mar-22	21:10	21:20	0.17	3320	3320	Survey & Conn.	Survey & Conn.@3266' Inc 9.5° Azm 47.9°
26-Mar-22	21:20	21:35	0.25	3320	3331	Sliding	Sliding - (WOB:35.00;GPM :516;TFO:180))
26-Mar-22	21:35	22:35	1.00	3331	3415	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
26-Mar-22	22:35	22:45	0.17	3415	3415	Survey & Conn.	Survey & Conn.@3361' Inc 7.83° Azm 48.25°
26-Mar-22	22:45	23:05	0.33	3415	3426	Sliding	Sliding - (WOB:35.00;GPM :516;TFO:165R))
26-Mar-22	23:05	23:35	0.50	3426	3510	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
26-Mar-22	23:35	23:45	0.17	3510	3510	Survey & Conn.	Survey & Conn.@3456' Inc 6.51° Azm 54.58°
26-Mar-22	23:45	24:00	0.25	3510	3521	Sliding	Sliding - (WOB:35.00;GPM :516;TFO:165L))

	JOB NO.:	DM-2022-068-SED-T-NM		Report Time:	2400	6 of 11	
	Company:	STEWART ENERGY II, LLC		API JOB #	30-025-49708		
	LOCATION:	Lea County, NM		WORK ORDER#			
	RIG NAME:	Norton Rig 8		FIELD:	Bronco S (San Andreas)		
	STATE:	New Mexico		Legal Desc.	Township-Section-Range --		
	COUNTY:	Lea County					
	WELL NAME:	Vamonos Fee 5H					

From Sunday, March 27, 2022 at 0000 to Sunday, March 27, 2022 at 2400

DRILLING SUMMARY				Drilling Parameters							
Start Depth	3521.00	Rotary Hours	13.58	WOB	30	Pick UP	110	Slack Off	80	SPM	
End Depth	4837.00	Circulating Hours	0.83	RAB	98	SPP	1450	FlowRate	516 - 516	115	
Total Drilled:	1316.00	Avg. Total ROP:	66.08	Mud Data							
Total Rotary Drilled:	1088.00	Avg. Rotary ROP:	80.10	Type	Brine			PV	1	SOLID	2.58
Total Drilled Sliding:	228.00	Avg. Slide ROP:	36.00	Weight	10.00 PPG	GAS	14	YP	1	BHT°	112.0
Slide Hours:	6.33	Percent Rotary:	82.67	Viscosity	28	SAND	0.04	PH	9.5	Flow T°	73.0
Below Rotary Hrs.	24.00	Percent Slide:	17.33	Chlorides	179000	WL	100			Oil %	0

PERSONNEL		CASING			BHA		
Lead Directional :	Ritchie Richard	Size	Ibf/Ft	Set Depth	BHA # 2.8 1/2" Ulterra PDC, SPL513, 3x16's, 6x14's, TFA = 1.49, 7" Motor 7/8 5.7, 1.75 Fxd, Silk Sleeve, Non Mag UBHO (MWD), Non Mag Drill Collar (MWD), Non Mag Flex Collar, 72 Stds 5" Drill Pipe, 24 Jts. 5" HWT Drill Pipe, ,		
Second Directional :	Jason Ferguson	20.00	.00	59.00			
MWD Operator1	Chris Burk	9 5/8	36.00	2290.00			
MWD Operator2	Frankie Alfano						
Directional Company:	DrilTech						
Geologist:		Signature:					
Company Man:	Mike Amos / Wayne Keene						
Incl. In:	6.51	Azm. In:	54.58	Incl. Out:	9.5	Azm. Out:	149.32

GENERAL COMMENT

Start of Curve @ 4,630' MD

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
27-Mar-22	00:00	01:05	1.08	3521.0	3605.0	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
27-Mar-22	01:05	01:15	0.17	3605	3605	Survey & Conn.	Survey & Conn.@3551' Inc 5.72° Azm 56.86°
27-Mar-22	01:15	01:30	0.25	3605	3620	Sliding	Sliding - (WOB:35.00;GPM :516;TFO:150L)
27-Mar-22	01:30	02:00	0.50	3620	3701	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
27-Mar-22	02:00	02:10	0.17	3701	3701	Survey & Conn.	Survey & Conn.@3647' Inc 4.66° Azm 51.41°
27-Mar-22	02:10	02:30	0.33	3701	3718	Sliding	Sliding - (WOB:35.00;GPM :516;TFO:150L)
27-Mar-22	02:30	03:20	0.83	3718	3795	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
27-Mar-22	03:20	03:30	0.17	3795	3795	Survey & Conn.	Survey & Conn.@3741' Inc 3.08° Azm 68.02°
27-Mar-22	03:30	03:50	0.33	3795	3810	Sliding	Sliding - (WOB:35.00;GPM :516.00;TFO:150L)
27-Mar-22	03:50	04:30	0.67	3810	3890	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
27-Mar-22	04:30	04:40	0.17	3890	3890	Survey & Conn.	Survey & Conn.@3836' Inc 1.76° Azm 52.55°
27-Mar-22	04:40	05:00	0.33	3890	3906	Sliding	Sliding - (WOB:35.00;GPM :516;TFO:255M))
27-Mar-22	05:00	05:40	0.67	3906	3985	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
27-Mar-22	05:40	05:50	0.17	3985	3985	Survey & Conn.	Survey & Conn.@3931' Inc 0.18° Azm 7.11°
27-Mar-22	05:50	06:50	1.00	3985	4079	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
27-Mar-22	06:50	07:00	0.17	4079	4079	Survey & Conn.	Survey & Conn.@4025' Inc 0.26° Azm 26.45°
27-Mar-22	07:00	08:00	1.00	4079	4173	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
27-Mar-22	08:00	08:10	0.17	4173	4173	Survey & Conn.	Survey & Conn.@4119' Inc 0.35° Azm 15.38°

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Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
27-Mar-22	08:10	09:50	1.67	4173	4268	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
27-Mar-22	09:50	10:30	0.67	4268	4268	Rig Service-Inhole	Rig Service-Inhole
27-Mar-22	10:30	10:40	0.17	4268	4268	Survey & Conn.	Survey & Conn.@4214' Inc 0.18° Azm 73.47°
27-Mar-22	10:40	12:00	1.33	4268	4363	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
27-Mar-22	12:00	12:10	0.17	4363	4363	Survey & Conn.	Survey & Conn.@4309' Inc 0.18° Azm 73.82°
27-Mar-22	12:10	12:50	0.67	4363	4458	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
27-Mar-22	12:50	13:00	0.17	4458	4458	Survey & Conn.	Survey & Conn.@4404' Inc 0.09° Azm 42.27°
27-Mar-22	13:00	14:40	1.67	4458	4553	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
27-Mar-22	14:40	14:50	0.17	4553	4553	Survey & Conn.	Survey & Conn.@4499' Inc 0.18° Azm 61.96°
27-Mar-22	14:50	16:25	1.58	4553	4616	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
27-Mar-22	16:25	16:35	0.17	4616	4616	MWD Survey	MWD Survey@4562' Inc 0.09° Azm 39.46°
27-Mar-22	16:35	16:50	0.25	4616	4630	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
27-Mar-22	16:50	17:25	0.58	4630	4647	Sliding	Sliding - (WOB:27.00;GPM :516;TFO:160M))
27-Mar-22	17:25	17:45	0.33	4647	4647	Other	Jetting Pits
27-Mar-22	17:45	17:55	0.17	4647	4647	Survey & Conn.	Survey & Conn.@4594' Inc 0.09° Azm 170.15°
27-Mar-22	17:55	18:00	0.08	4647	4654	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
27-Mar-22	18:00	18:50	0.83	4654	4679	Sliding	Sliding - (WOB:27.00;GPM :516;TFO:160M))
27-Mar-22	18:50	19:00	0.17	4679	4679	Survey & Conn.	Survey & Conn.@4625' Inc 0.79° Azm 140.36°
27-Mar-22	19:00	19:05	0.08	4679	4688	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
27-Mar-22	19:05	19:50	0.75	4688	4711	Sliding	Sliding - (WOB:27.00;GPM :516;TFO:160M))
27-Mar-22	19:50	20:00	0.17	4711	4711	Survey & Conn.	Survey & Conn.@4657' Inc 2.64° Azm 145.01°
27-Mar-22	20:00	20:10	0.17	4711	4717	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
27-Mar-22	20:10	20:55	0.75	4717	4742	Sliding	Sliding - (WOB:27.00;GPM :516;TFO:170M))
27-Mar-22	20:55	21:10	0.25	4742	4742	Survey & Conn.	Survey & Conn.@4689' Inc 4.84° Azm 147.04°
27-Mar-22	21:10	21:15	0.08	4742	4750	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:40)
27-Mar-22	21:15	22:00	0.75	4750	4775	Sliding	Sliding - (WOB:27.00;GPM :516;TFO:30R))
27-Mar-22	22:00	22:10	0.17	4775	4775	Survey & Conn.	Survey & Conn.@4721' Inc 7.3° Azm 148.18°
27-Mar-22	22:10	22:20	0.17	4775	4781	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
27-Mar-22	22:20	23:10	0.83	4781	4806	Sliding	Sliding - (WOB:27.00;GPM :516;TFO:360))
27-Mar-22	23:10	23:20	0.17	4806	4806	Survey & Conn.	Survey & Conn.@4752' Inc 9.5° Azm 149.32°
27-Mar-22	23:20	23:25	0.08	4806	4812	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
27-Mar-22	23:25	24:00	0.58	4812	4837	Sliding	Sliding - (WOB:30.00;GPM :516;TFO:360))

	JOB NO.: DM-2022-068-SED-T-NM		Report Time: 2400 7 of 11		
	Company: STEWARD ENERGY II, LLC		API JOB # 30-025-49708		
	LOCATION: Lea County, NM		WORK ORDER#		
	RIG NAME: Norton Rig 8		FIELD: Bronco S (San Andreas)		
	STATE: New Mexico		Legal Desc.	Township-Section-Range --	
	COUNTY: Lea County				
	WELL NAME: Vamonos Fee 5H				

From Monday, March 28, 2022 at 0000 to Monday, March 28, 2022 at 2400

DRILLING SUMMARY				Drilling Parameters							
Start Depth	4837.00	Rotary Hours	5.67	WOB	44	Pick UP	145	Slack Off	105	SPM	
End Depth	5846.00	Circulating Hours	2.83	RAB	130	SPP	1660	FlowRate	516 - 516	115	
Total Drilled:	1009.00	Avg. Total ROP:	58.21	Mud Data							
Total Rotary Drilled:	487.00	Avg. Rotary ROP:	85.94	Type	Brine			PV	1	SOLID	2.58
Total Drilled Sliding:	522.00	Avg. Slide ROP:	44.74	Weight	10.00 PPG	GAS	14	YP	1	BHT°	112.0
Slide Hours:	11.67	Percent Rotary:	48.27	Viscosity	28	SAND	0.04	PH	9.5	Flow T°	73.0
Below Rotary Hrs.	24.00	Percent Slide:	51.73	Chlorides	179000	WL	100			Oil %	0

PERSONNEL		CASING			BHA		
Lead Directional :	Ritchie Richard	Size	lbf/Ft	Set Depth	BHA # 2.8 1/2" Ulterra PDC, SPL513, 3x16's, 6x14's, TFA = 1.49, 7" Motor 7/8 5.7, 1.75 Fxd, Silk Sleeve, Non Mag UBHO (MWD), Non Mag Drill Collar (MWD), Non Mag Flex Collar, 72 Stds 5" Drill Pipe, 24 Jts. 5" HWT Drill Pipe, ,		
Second Directional :	Jason Ferguson	20.00	.00	59.00			
MWD Operator1	Chris Burk	9 5/8	36.00	2290.00			
MWD Operator2	Frankie Alfano						
Directional Company:	DrilTech						
Geologist:		Signature:					
Company Man:	Mike Amos / Wayne Keene						
Incl. In:	9.5	Azm. In:	149.32	Incl. Out:	74.48	Azm. Out:	156.79

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
28-Mar-22	00:00	00:15	0.25	4837.0	4837.0	Survey & Conn.	Survey & Conn.@4784' Inc 11.96° Azm 149.58°
28-Mar-22	00:15	00:25	0.17	4837	4844	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:35)
28-Mar-22	00:25	01:10	0.75	4844	4869	Sliding	Sliding - (WOB:30.00;GPM :516;TFO:30R))
28-Mar-22	01:10	01:15	0.08	4869	4869	Survey & Conn.	Survey & Conn.@4815' Inc 14.77° Azm 149.41°
28-Mar-22	01:15	01:25	0.17	4869	4879	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:35)
28-Mar-22	01:25	02:00	0.58	4879	4901	Sliding	Sliding - (WOB:30.00;GPM :516;TFO:45R))
28-Mar-22	02:00	02:05	0.08	4901	4901	Survey & Conn.	Survey & Conn.@4847' Inc 17.41° Azm 150.9°
28-Mar-22	02:05	02:15	0.17	4901	4909	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:35)
28-Mar-22	02:15	02:50	0.58	4909	4931	Sliding	Sliding - (WOB:30.00;GPM :516;TFO:45R))
28-Mar-22	02:50	03:00	0.17	4931	4931	Survey & Conn.	Survey & Conn.@4878' Inc 19.52° Azm 153.63°
28-Mar-22	03:00	03:10	0.17	4931	4941	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:35)
28-Mar-22	03:10	03:45	0.58	4941	4964	Sliding	Sliding - (WOB:30.00;GPM :516;TFO:10R))
28-Mar-22	03:45	03:55	0.17	4964	4964	Survey & Conn.	Survey & Conn.@4910' Inc 22.16° Azm 156.88°
28-Mar-22	03:55	04:05	0.17	4964	4975	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:40)
28-Mar-22	04:05	04:35	0.50	4975	4995	Sliding	Sliding - (WOB:31.00;GPM :516;TFO:360))
28-Mar-22	04:35	04:45	0.17	4995	4995	Survey & Conn.	Survey & Conn.@4941' Inc 24.62° Azm 158.29°
28-Mar-22	04:45	04:50	0.08	4995	5007	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:40)
28-Mar-22	04:50	05:15	0.42	5007	5026	Sliding	Sliding - (WOB:31.00;GPM :516;TFO:15R))

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Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
28-Mar-22	05:15	05:25	0.17	5026	5026	Survey & Conn.	Survey & Conn.@4973' Inc 26.91° Azm 158.2°
28-Mar-22	05:25	05:40	0.25	5026	5034	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:40)
28-Mar-22	05:40	06:20	0.67	5034	5058	Sliding	Sliding - (WOB:31.00;GPM :516;TFO:15R))
28-Mar-22	06:20	06:30	0.17	5058	5058	MWD Survey	MWD Survey@5004' Inc 29.28° Azm 158.2°
28-Mar-22	06:30	06:40	0.17	5058	5069	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:35)
28-Mar-22	06:40	07:05	0.42	5069	5090	Sliding	Sliding - (WOB:31.00;GPM :516;TFO:360))
28-Mar-22	07:05	07:15	0.17	5090	5090	MWD Survey	MWD Survey@5036' Inc 31.83° Azm 158.73°
28-Mar-22	07:15	07:20	0.08	5090	5098	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:40)
28-Mar-22	07:20	07:50	0.50	5098	5120	Sliding	Sliding - (WOB:32.00;GPM :516;TFO:360))
28-Mar-22	07:50	08:05	0.25	5120	5120	Survey & Conn.	Survey & Conn.@5067' Inc 34.29° Azm 158.9°
28-Mar-22	08:05	08:15	0.17	5120	5133	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:40)
28-Mar-22	08:15	08:45	0.50	5133	5153	Sliding	Sliding - (WOB:32.00;GPM :516;TFO:360))
28-Mar-22	08:45	08:55	0.17	5153	5153	MWD Survey	MWD Survey@5099' Inc 37.11° Azm 159.16°
28-Mar-22	08:55	09:05	0.17	5153	5167	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:40)
28-Mar-22	09:05	09:25	0.33	5167	5185	Sliding	Sliding - (WOB:35.00;GPM :516;TFO:360))
28-Mar-22	09:25	09:35	0.17	5185	5185	MWD Survey	MWD Survey@5131' Inc 39.48° Azm 159.25°
28-Mar-22	09:35	09:45	0.17	5185	5198	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:40)
28-Mar-22	09:45	10:05	0.33	5198	5216	Sliding	Sliding - (WOB:35.00;GPM :516;TFO:360))
28-Mar-22	10:05	10:20	0.25	5216	5216	Survey & Conn.	Survey & Conn.@5163' Inc 41.68° Azm 159.69°
28-Mar-22	10:20	10:30	0.17	5216	5227	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:40)
28-Mar-22	10:30	11:00	0.50	5227	5248	Sliding	Sliding - (WOB:35.00;GPM :516;TFO:360))
28-Mar-22	11:00	11:10	0.17	5248	5248	MWD Survey	MWD Survey@5194' Inc 43.7° Azm 160.13°
28-Mar-22	11:10	11:15	0.08	5248	5258	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:40)
28-Mar-22	11:15	11:45	0.50	5258	5280	Sliding	Sliding - (WOB:35.00;GPM :516;TFO:360))
28-Mar-22	11:45	11:55	0.17	5280	5280	MWD Survey	MWD Survey@5226' Inc 45.99° Azm 160.48°
28-Mar-22	11:55	12:00	0.08	5280	5289	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:40)
28-Mar-22	12:00	12:30	0.50	5289	5310	Sliding	Sliding - (WOB:35.00;GPM :516;TFO:360))
28-Mar-22	12:30	12:40	0.17	5310	5310	Survey & Conn.	Survey & Conn.@5257' Inc 48.28° Azm 160.48°
28-Mar-22	12:40	12:50	0.17	5310	5319	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:40)
28-Mar-22	12:50	13:20	0.50	5319	5342	Sliding	Sliding - (WOB:35.00;GPM :516;TFO:360))
28-Mar-22	13:20	13:30	0.17	5342	5342	MWD Survey	MWD Survey@5288' Inc 50.91° Azm 159.96°
28-Mar-22	13:30	14:20	0.83	5342	5342	Rig Service-Inhole	Rig Service-Inhole
28-Mar-22	14:20	14:25	0.08	5342	5353	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:40)
28-Mar-22	14:25	14:50	0.42	5353	5374	Sliding	Sliding - (WOB:35.00;GPM :516;TFO:360))
28-Mar-22	14:50	15:05	0.25	5374	5374	MWD Survey	MWD Survey@5320' Inc 53.73° Azm 159.52°
28-Mar-22	15:05	15:10	0.08	5374	5384	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:40)
28-Mar-22	15:10	15:20	0.17	5384	5390	Sliding	Sliding - (WOB:35.00;GPM :516;TFO:360))
28-Mar-22	15:20	15:35	0.25	5390	5405	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:40)
28-Mar-22	15:35	15:50	0.25	5405	5405	Survey & Conn.	Survey & Conn.@5351' Inc 56.37° Azm 158.99°
28-Mar-22	15:50	16:10	0.33	5405	5436	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:40)
28-Mar-22	16:10	16:20	0.17	5436	5436	MWD Survey	MWD Survey@5382' Inc 58.74° Azm 158.81°
28-Mar-22	16:20	16:35	0.25	5436	5467	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:35)
28-Mar-22	16:35	16:40	0.08	5467	5467	MWD Survey	MWD Survey@5413' Inc 59.27° Azm 158.99°
28-Mar-22	16:40	16:55	0.25	5467	5499	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:35)
28-Mar-22	16:55	17:05	0.17	5499	5499	Circulating	Jet pits
28-Mar-22	17:05	17:15	0.17	5499	5499	Survey & Conn.	Survey & Conn.@5445' Inc 59.36° Azm 158.99°
28-Mar-22	17:15	17:30	0.25	5499	5531	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:35)

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
28-Mar-22	17:30	17:40	0.17	5531	5531	Survey & Conn.	Survey & Conn.@5477' Inc 59.53° Azm 158.9°
28-Mar-22	17:40	17:55	0.25	5531	5563	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:35)
28-Mar-22	17:55	18:05	0.17	5563	5563	Survey & Conn.	Survey & Conn.@5509' Inc 59.62° Azm 158.81°
28-Mar-22	18:05	18:15	0.17	5563	5594	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:35)
28-Mar-22	18:15	18:25	0.17	5594	5594	Survey & Conn.	Survey & Conn.@5540' Inc 59.88° Azm 158.99°
28-Mar-22	18:25	18:40	0.25	5594	5625	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:35)
28-Mar-22	18:40	18:50	0.17	5625	5625	Survey & Conn.	Survey & Conn.@5571' Inc 60.15° Azm 159.08°
28-Mar-22	18:50	19:00	0.17	5625	5640	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:35)
28-Mar-22	19:00	19:20	0.33	5640	5657	Sliding	Sliding - (WOB:40.00;GPM :516;TFO:360))
28-Mar-22	19:20	19:30	0.17	5657	5657	Survey & Conn.	Survey & Conn.@5603' Inc 60.41° Azm 158.99°
28-Mar-22	19:30	19:40	0.17	5657	5657	Circulating	Reboot rig floor computers
28-Mar-22	19:40	19:50	0.17	5657	5664	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:35)
28-Mar-22	19:50	20:15	0.42	5664	5688	Sliding	Sliding - (WOB:41.00;GPM :516;TFO:360))
28-Mar-22	20:15	20:25	0.17	5688	5688	Survey & Conn.	Survey & Conn.@5635' Inc 61.11° Azm 158.9°
28-Mar-22	20:25	20:35	0.17	5688	5697	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:35)
28-Mar-22	20:35	21:00	0.42	5697	5720	Sliding	Sliding - (WOB:41.00;GPM :516.00;TFO:360)
28-Mar-22	21:00	21:10	0.17	5720	5720	Survey & Conn.	Survey & Conn.@5666' Inc 64.02° Azm 158.64°
28-Mar-22	21:10	21:25	0.25	5720	5733	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:35)
28-Mar-22	21:25	21:45	0.33	5733	5752	Sliding	Sliding - (WOB:41.00;GPM :516;TFO:360))
28-Mar-22	21:45	21:55	0.17	5752	5752	Survey & Conn.	Survey & Conn.@5698' Inc 66.83° Azm 158.02°
28-Mar-22	21:55	22:00	0.08	5752	5763	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:35)
28-Mar-22	22:00	22:25	0.42	5763	5783	Sliding	Sliding - (WOB:41.00;GPM :516;TFO:15R))
28-Mar-22	22:25	22:35	0.17	5783	5783	Survey & Conn.	Survey & Conn.@5730' Inc 69.03° Azm 157.06°
28-Mar-22	22:35	22:45	0.17	5783	5788	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:35)
28-Mar-22	22:45	23:15	0.50	5788	5815	Sliding	Sliding - (WOB:44.00;GPM :516;TFO:15R))
28-Mar-22	23:15	23:25	0.17	5815	5815	Survey & Conn.	Survey & Conn.@5761' Inc 71.49° Azm 156.62°
28-Mar-22	23:25	23:30	0.08	5815	5822	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:35)
28-Mar-22	23:30	24:00	0.50	5822	5846	Sliding	Sliding - (WOB:44.00;GPM :516;TFO:20R))

	JOB NO.: DM-2022-068-SED-T-NM		Report Time: 2400		8 of 11	
	Company: STEWARD ENERGY II, LLC		API JOB # 30-025-49708			
	LOCATION: Lea County, NM		WORK ORDER#			
	RIG NAME: Norton Rig 8		FIELD: Bronco S (San Andreas)			
	STATE: New Mexico		Legal Desc.		Township-Section-Range	
	COUNTY: Lea County					
	WELL NAME: Vamonos Fee 5H					

From Tuesday, March 29, 2022 at 0000 to Tuesday, March 29, 2022 at 2400

DRILLING SUMMARY				Drilling Parameters							
Start Depth	5846.00	Rotary Hours	12.75	WOB	41	Pick UP	156	Slack Off	105	SPM	
End Depth	7397.00	Circulating Hours	0.50	RAB	140	SPP	1650	FlowRate	516 - 516	115	
Total Drilled:	1551.00	Avg. Total ROP:	81.63	Mud Data							
Total Rotary Drilled:	1329.00	Avg. Rotary ROP:	104.24	Type	Brine			PV	3	SOLID	2.58
Total Drilled Sliding:	222.00	Avg. Slide ROP:	35.52	Weight	10.20 PPG	GAS	14	YP	1	BHT°	123.0
Slide Hours:	6.25	Percent Rotary:	85.69	Viscosity	30	SAND	0.04	PH	9.5	Flow T°	73.0
Below Rotary Hrs.	24.00	Percent Slide:	14.31	Chlorides	183000	WL	100			Oil %	0

PERSONNEL		CASING			BHA		
Lead Directional :	Ritchie Richard	Size	Ibf/Ft	Set Depth	BHA # 2.8 1/2" Ulterra PDC, SPL513, 3x16's, 6x14's, TFA = 1.49, 7" Motor 7/8 5.7, 1.75 Fxd, Silk Sleeve, Non Mag UBHO (MWD), Non Mag Drill Collar (MWD), Non Mag Flex Collar, 72 Stds 5" Drill Pipe, 24 Jts. 5" HWT Drill Pipe, ,		
Second Directional :	Jason Ferguson	20.00	.00	59.00			
MWD Operator1	Chris Burk	9 5/8	36.00	2290.00			
MWD Operator2	Frankie Alfano						
Directional Company:	DrilTech						
Geologist:		Signature:					
Company Man:	Mike Amos / Wayne Keene						
Incl. In:	74.48	Azm. In:	156.79	Incl. Out:	89.43	Azm. Out:	180.17

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
29-Mar-22	00:00	00:05	0.08	5846.0	5846.0	Survey & Conn.	Survey & Conn.@5792' Inc 74.48° Azm 156.79°
29-Mar-22	00:05	00:10	0.08	5846	5877	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:35)
29-Mar-22	00:10	00:40	0.50	5877	5877	Sliding	Sliding - (WOB:45.00;GPM :516;TFO:30R))
29-Mar-22	00:40	00:50	0.17	5877	5877	Survey & Conn.	Survey & Conn.@5824' Inc 77.56° Azm 156.79°
29-Mar-22	00:50	01:35	0.75	5877	5910	Sliding	Sliding - (WOB:47.00;GPM :516;TFO:30R))
29-Mar-22	01:35	01:45	0.17	5910	5910	Survey & Conn.	Survey & Conn.@5856' Inc 81.07° Azm 157.41°
29-Mar-22	01:45	01:55	0.17	5910	5922	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:35)
29-Mar-22	01:55	02:20	0.42	5922	5937	Sliding	Sliding - (WOB:49.00;GPM :516;TFO:30R))
29-Mar-22	02:20	02:25	0.08	5937	5941	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:35)
29-Mar-22	02:25	02:35	0.17	5941	5941	Survey & Conn.	Survey & Conn.@5887' Inc 84.59° Azm 157.85°
29-Mar-22	02:35	02:55	0.33	5941	5973	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:35)
29-Mar-22	02:55	03:05	0.17	5973	5973	Survey & Conn.	Survey & Conn.@5919' Inc 87.49° Azm 158.29°
29-Mar-22	03:05	03:10	0.08	5973	5983	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:35)
29-Mar-22	03:10	03:30	0.33	5983	5995	Sliding	Sliding - (WOB:49.00;GPM :516;TFO:90R))
29-Mar-22	03:30	03:35	0.08	5995	6004	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:35)
29-Mar-22	03:35	03:45	0.17	6004	6004	Survey & Conn.	Survey & Conn.@5950' Inc 89.34° Azm 158.81°
29-Mar-22	03:45	04:00	0.25	6004	6036	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:35)
29-Mar-22	04:00	04:05	0.08	6036	6036	Survey & Conn.	Survey & Conn.@5982' Inc 90.04° Azm 159.69°

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Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
29-Mar-22	04:05	04:25	0.33	6036	6067	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:35)
29-Mar-22	04:25	04:35	0.17	6067	6067	Survey & Conn.	Survey & Conn.@6013' Inc 90.57° Azm 160.83°
29-Mar-22	04:35	04:40	0.08	6067	6077	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:35)
29-Mar-22	04:40	04:50	0.17	6077	6089	Sliding	Sliding - (WOB:49.00;GPM :516;TFO:120R))
29-Mar-22	04:50	05:25	0.58	6089	6162	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
29-Mar-22	05:25	05:45	0.33	6162	6162	Survey & Conn.	Survey & Conn.@6108' Inc 90.92° Azm 163.21°
29-Mar-22	05:45	05:55	0.17	6162	6172	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
29-Mar-22	05:55	06:15	0.33	6172	6184	Sliding	Sliding - (WOB:40.00;GPM :516;TFO:130R))
29-Mar-22	06:15	06:50	0.58	6184	6257	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
29-Mar-22	06:50	07:00	0.17	6257	6257	Survey & Conn.	Survey & Conn.@6203' Inc 90.48° Azm 165.05°
29-Mar-22	07:00	07:05	0.08	6257	6267	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
29-Mar-22	07:05	07:25	0.33	6267	6279	Sliding	Sliding - (WOB:42.00;GPM :516;TFO:130R))
29-Mar-22	07:25	08:10	0.75	6279	6353	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
29-Mar-22	08:10	08:20	0.17	6353	6353	Survey & Conn.	Survey & Conn.@6299' Inc 89.78° Azm 166.37°
29-Mar-22	08:20	08:30	0.17	6353	6363	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
29-Mar-22	08:30	08:50	0.33	6363	6375	Sliding	Sliding - (WOB:42.00;GPM :516;TFO:120R))
29-Mar-22	08:50	09:30	0.67	6375	6447	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
29-Mar-22	09:30	09:40	0.17	6447	6447	Survey & Conn.	Survey & Conn.@6393' Inc 89.08° Azm 168.31°
29-Mar-22	09:40	09:50	0.17	6447	6457	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
29-Mar-22	09:50	10:10	0.33	6457	6468	Sliding	Sliding - (WOB:42.00;GPM :516;TFO:90R))
29-Mar-22	10:10	10:55	0.75	6468	6543	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
29-Mar-22	10:55	11:05	0.17	6543	6543	Survey & Conn.	Survey & Conn.@6489' Inc 90.22° Azm 169.98°
29-Mar-22	11:05	11:15	0.17	6543	6557	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
29-Mar-22	11:15	11:30	0.25	6557	6570	Sliding	Sliding - (WOB:42.00;GPM :516;TFO:110R))
29-Mar-22	11:30	12:05	0.58	6570	6638	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
29-Mar-22	12:05	12:35	0.50	6638	6638	Rig Service-Inhole	Rig Service-Inhole
29-Mar-22	12:35	12:45	0.17	6638	6638	Survey & Conn.	Survey & Conn.@6584' Inc 90.22° Azm 171.91°
29-Mar-22	12:45	12:50	0.08	6638	6648	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
29-Mar-22	12:50	13:10	0.33	6648	6660	Sliding	Sliding - (WOB:41.00;GPM :516;TFO:110R))
29-Mar-22	13:10	13:50	0.67	6660	6734	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
29-Mar-22	13:50	14:00	0.17	6734	6734	Survey & Conn.	Survey & Conn.@6680' Inc 89.25° Azm 173.23°
29-Mar-22	14:00	14:10	0.17	6734	6744	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
29-Mar-22	14:10	14:25	0.25	6744	6756	Sliding	Sliding - (WOB:41.00;GPM :516;TFO:90R))
29-Mar-22	14:25	15:05	0.67	6756	6829	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
29-Mar-22	15:05	15:40	0.58	6829	6829	Other	Jet Pitts
29-Mar-22	15:40	15:50	0.17	6829	6829	Survey & Conn.	Survey & Conn.@6775' Inc 88.11° Azm 173.05°
29-Mar-22	15:50	15:55	0.08	6829	6839	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
29-Mar-22	15:55	16:15	0.33	6839	6852	Sliding	Sliding - (WOB:41.00;GPM :516;TFO:70R))
29-Mar-22	16:15	16:55	0.67	6852	6925	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
29-Mar-22	16:55	17:20	0.42	6925	6925	Survey & Conn.	Survey & Conn.@6871' Inc 89.6° Azm 175.25°
29-Mar-22	17:20	17:25	0.08	6925	6935	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
29-Mar-22	17:25	17:40	0.25	6935	6947	Sliding	Sliding - (WOB:41.00;GPM :516;TFO:80))
29-Mar-22	17:40	18:25	0.75	6947	7016	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
29-Mar-22	18:25	18:35	0.17	7016	7016	Survey & Conn.	Survey & Conn.@6962' Inc 90.22° Azm 176.3°
29-Mar-22	18:35	18:40	0.08	7016	7026	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
29-Mar-22	18:40	19:00	0.33	7026	7039	Sliding	Sliding - (WOB:41.00;GPM :516;TFO:90))
29-Mar-22	19:00	19:45	0.75	7039	7109	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
29-Mar-22	19:45	20:00	0.25	7109	7109	Survey & Conn.	Survey & Conn.@7055' Inc 91.19° Azm 178.33°
29-Mar-22	20:00	20:10	0.17	7109	7119	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
29-Mar-22	20:10	20:30	0.33	7119	7128	Sliding	Sliding - (WOB:41.00;GPM :516;TFO:150R))
29-Mar-22	20:30	21:10	0.67	7128	7201	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
29-Mar-22	21:10	21:15	0.08	7201	7201	Survey & Conn.	Survey & Conn.@7147' Inc 90.66° Azm 179.99°
29-Mar-22	21:15	21:20	0.08	7201	7211	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
29-Mar-22	21:20	21:30	0.17	7211	7216	Sliding	Sliding - (WOB:41.00;GPM :516;TFO:160L))
29-Mar-22	21:30	22:10	0.67	7216	7291	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
29-Mar-22	22:10	22:20	0.17	7291	7291	Survey & Conn.	Survey & Conn.@7237' Inc 90.48° Azm 179.91°
29-Mar-22	22:20	22:30	0.17	7291	7301	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
29-Mar-22	22:30	22:45	0.25	7301	7309	Sliding	Sliding - (WOB:41.00;GPM :516;TFO:160L))
29-Mar-22	22:45	23:25	0.67	7309	7381	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
29-Mar-22	23:25	23:35	0.17	7381	7381	Survey & Conn.	Survey & Conn.@7327' Inc 89.43° Azm 180.17°
29-Mar-22	23:35	23:45	0.17	7381	7391	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
29-Mar-22	23:45	24:00	0.25	7391	7397	Sliding	Sliding - (WOB:41.00;GPM :516;TFO:90L))

	JOB NO.: DM-2022-068-SED-T-NM		Report Time: 2400		9 of 11	
	Company: STEWARD ENERGY II, LLC		API JOB # 30-025-49708			
	LOCATION: Lea County, NM		WORK ORDER#			
	RIG NAME: Norton Rig 8		FIELD: Bronco S (San Andreas)			
	STATE: New Mexico		Legal Desc.		Township-Section-Range	
	COUNTY: Lea County					
	WELL NAME: Vamonos Fee 5H					

From Wednesday, March 30, 2022 at 0000 to Wednesday, March 30, 2022 at 2400

DRILLING SUMMARY				Drilling Parameters							
Start Depth	7397.00	Rotary Hours	16.42	WOB	51	Pick UP	205	Slack Off	80	SPM	
End Depth	9191.00	Circulating Hours	1.58	RAB	140	SPP	2000	FlowRate	516 - 516	115	
Total Drilled:	1794.00	Avg. Total ROP:	94.42	Mud Data							
Total Rotary Drilled:	1723.00	Avg. Rotary ROP:	104.95	Type	Brine			PV	3	SOLID	2.58
Total Drilled Sliding:	71.00	Avg. Slide ROP:	27.48	Weight	10.20 PPG	GAS	14	YP	1	BHT°	126.0
Slide Hours:	2.58	Percent Rotary:	96.04	Viscosity	30	SAND	0.04	PH	9.5	Flow T°	73.0
Below Rotary Hrs.	24.00	Percent Slide:	3.96	Chlorides	183000	WL	100			Oil %	0

PERSONNEL		CASING			BHA		
Lead Directional :	Ritchie Richard	Size	lbf/Ft	Set Depth	BHA # 2.8 1/2" Ulterra PDC, SPL513, 3x16's, 6x14's, TFA = 1.49, 7" Motor 7/8 5.7, 1.75 Fxd, Silk Sleeve, Non Mag UBHO (MWD), Non Mag Drill Collar (MWD), Non Mag Flex Collar, 72 Stds 5" Drill Pipe, 24 Jts. 5" HWT Drill Pipe, ,		
Second Directional :	Jason Ferguson	20.00	.00	59.00			
MWD Operator1	Chris Burk	9 5/8	36.00	2290.00			
MWD Operator2	Frankie Alfano						
Directional Company:	DrilTech						
Geologist:		Signature:					
Company Man:	Mike Amos / Wayne Keene						
Incl. In:	89.43	Azm. In:	180.17	Incl. Out:	91.28	Azm. Out:	179.2

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
30-Mar-22	00:00	00:40	0.67	7397.0	7472.0	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
30-Mar-22	00:40	00:50	0.17	7472	7472	Survey & Conn.	Survey & Conn.@7418' Inc 89.08° Azm 178.76°
30-Mar-22	00:50	01:40	0.83	7472	7562	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
30-Mar-22	01:40	01:50	0.17	7562	7562	Survey & Conn.	Survey & Conn.@7508' Inc 89.6° Azm 178.94°
30-Mar-22	01:50	02:45	0.92	7562	7654	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
30-Mar-22	02:45	02:55	0.17	7654	7654	Survey & Conn.	Survey & Conn.@7600' Inc 90.4° Azm 179.38°
30-Mar-22	02:55	03:05	0.17	7654	7664	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
30-Mar-22	03:05	03:20	0.25	7664	7670	Sliding	Sliding - (WOB:41.00;GPM :516;TFO:180))
30-Mar-22	03:20	04:15	0.92	7670	7749	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
30-Mar-22	04:15	04:25	0.17	7749	7749	Survey & Conn.	Survey & Conn.@7695' Inc 90.13° Azm 179.91°
30-Mar-22	04:25	04:30	0.08	7749	7759	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
30-Mar-22	04:30	04:40	0.17	7759	7765	Sliding	Sliding - (WOB:41.00;GPM :516;TFO:110L))
30-Mar-22	04:40	05:25	0.75	7765	7844	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
30-Mar-22	05:25	05:30	0.08	7844	7844	Survey & Conn.	Survey & Conn.@7790' Inc 90.48° Azm 179.2°
30-Mar-22	05:30	05:35	0.08	7844	7854	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
30-Mar-22	05:35	05:50	0.25	7854	7860	Sliding	Sliding - (WOB:45.00;GPM :516;TFO:165L))
30-Mar-22	05:50	06:30	0.67	7860	7940	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
30-Mar-22	06:30	06:45	0.25	7940	7940	Survey & Conn.	Survey & Conn.@7886' Inc 90.48° Azm 179.64°

WinSERVE II Daily Report License: NP5468

Daily Report for JOB#: DM-2022-068-SED-T-NM - Page 1 of 2

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
30-Mar-22	06:45	06:50	0.08	7940	7950	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
30-Mar-22	06:50	07:05	0.25	7950	7958	Sliding	Sliding - (WOB:45.00;GPM :516;TFO:145L))
30-Mar-22	07:05	07:35	0.50	7958	8035	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
30-Mar-22	07:35	07:45	0.17	8035	8035	Survey & Conn.	Survey & Conn.@7981' Inc 89.78° Azm 178.68°
30-Mar-22	07:45	08:35	0.83	8035	8131	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
30-Mar-22	08:35	08:50	0.25	8131	8131	Survey & Conn.	Survey & Conn.@8077' Inc 90.22° Azm 178.24°
30-Mar-22	08:50	08:55	0.08	8131	8141	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
30-Mar-22	08:55	09:05	0.17	8141	8146	Sliding	Sliding - (WOB:45.00;GPM :516;TFO:160R))
30-Mar-22	09:05	09:55	0.83	8146	8224	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
30-Mar-22	09:55	10:15	0.33	8224	8224	Survey & Conn.	Survey & Conn.@8170' Inc 90.22° Azm 178.68°
30-Mar-22	10:15	10:25	0.17	8224	8234	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
30-Mar-22	10:25	10:35	0.17	8234	8239	Sliding	Sliding - (WOB:46.00;GPM :516;TFO:180))
30-Mar-22	10:35	11:20	0.75	8239	8319	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
30-Mar-22	11:20	11:30	0.17	8319	8319	Survey & Conn.	Survey & Conn.@8265' Inc 89.78° Azm 179.29°
30-Mar-22	11:30	12:25	0.92	8319	8413	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
30-Mar-22	12:25	13:00	0.58	8413	8413	Rig Service-Inhole	Rig Service-Inhole
30-Mar-22	13:00	13:10	0.17	8413	8413	Survey & Conn.	Survey & Conn.@8359' Inc 90.92° Azm 179.38°
30-Mar-22	13:10	13:20	0.17	8413	8423	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
30-Mar-22	13:20	13:45	0.42	8423	8432	Sliding	Sliding - (WOB:47.00;GPM :516;TFO:170L))
30-Mar-22	13:45	14:40	0.92	8432	8508	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
30-Mar-22	14:40	14:55	0.25	8508	8508	Survey & Conn.	Survey & Conn.@8454' Inc 89.87° Azm 178.94°
30-Mar-22	14:55	15:05	0.17	8508	8518	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
30-Mar-22	15:05	15:15	0.17	8518	8522	Sliding	Sliding - (WOB:47.00;GPM :516;TFO:180))
30-Mar-22	15:15	16:15	1.00	8522	8603	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
30-Mar-22	16:15	16:25	0.17	8603	8603	Survey & Conn.	Survey & Conn.@8549' Inc 89.52° Azm 178.68°
30-Mar-22	16:25	17:15	0.83	8603	8697	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
30-Mar-22	17:15	17:25	0.17	8697	8697	Survey & Conn.	Survey & Conn.@8643' Inc 89.78° Azm 178.24°
30-Mar-22	17:25	18:20	0.92	8697	8792	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
30-Mar-22	18:20	18:30	0.17	8792	8792	Survey & Conn.	Survey & Conn.@8738' Inc 90.48° Azm 178.41°
30-Mar-22	18:30	18:40	0.17	8792	8802	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
30-Mar-22	18:40	18:55	0.25	8802	8809	Sliding	Sliding - (WOB:47.00;GPM :516.00;TFO:180)
30-Mar-22	18:55	19:30	0.58	8809	8887	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
30-Mar-22	19:30	19:40	0.17	8887	8887	Survey & Conn.	Survey & Conn.@8833' Inc 89.96° Azm 178.94°
30-Mar-22	19:40	19:50	0.17	8887	8897	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
30-Mar-22	19:50	20:05	0.25	8897	8903	Sliding	Sliding - (WOB:47.00;GPM :516;TFO:120L))
30-Mar-22	20:05	20:35	0.50	8903	8981	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
30-Mar-22	20:35	20:45	0.17	8981	8981	Survey & Conn.	Survey & Conn.@8927' Inc 89.25° Azm 178.94°
30-Mar-22	20:45	21:45	1.00	8981	8981	Rig Service-Inhole	Work on top drive
30-Mar-22	21:45	22:40	0.92	8981	9077	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
30-Mar-22	22:40	22:45	0.08	9077	9077	Survey & Conn.	Survey & Conn.@9023' Inc 89.78° Azm 179.03°
30-Mar-22	22:45	23:25	0.67	9077	9172	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
30-Mar-22	23:25	23:35	0.17	9172	9172	Survey & Conn.	Survey & Conn.@9118' Inc 91.28° Azm 179.2°
30-Mar-22	23:35	23:45	0.17	9172	9182	Drilling	Drilling - (WOB:35.00;GPM :516.00;RPM:60)
30-Mar-22	23:45	24:00	0.25	9182	9191	Sliding	Sliding - (WOB:51.00;GPM :516;TFO:160L))

	JOB NO.: DM-2022-068-SED-T-NM		Report Time: 2400		10 of 11	
	Company: STEWARD ENERGY II, LLC		API JOB # 30-025-49708			
	LOCATION: Lea County, NM		WORK ORDER#			
	RIG NAME: Norton Rig 8		FIELD: Bronco S (San Andreas)			
	STATE: New Mexico		Legal Desc.		Township-Section-Range	
	COUNTY: Lea County					
	WELL NAME: Vamonos Fee 5H					

From Thursday, March 31, 2022 at 0000 to Thursday, March 31, 2022 at 2400

DRILLING SUMMARY				Drilling Parameters							
Start Depth	9191.00	Rotary Hours	17.08	WOB	40	Pick UP	215	Slack Off	75	SPM	
End Depth	10900.00	Circulating Hours	0.50	RAB	140	SPP	2210	FlowRate	516 - 516	115	
Total Drilled:	1709.00	Avg. Total ROP:	84.74	Mud Data							
Total Rotary Drilled:	1647.00	Avg. Rotary ROP:	96.41	Type	Brine			PV	3	SOLID	6.6
Total Drilled Sliding:	62.00	Avg. Slide ROP:	20.11	Weight	10.20 PPG	GAS	550	YP	1	BHT°	130.0
Slide Hours:	3.08	Percent Rotary:	96.37	Viscosity	29	SAND	0.07	PH	9.5	Flow T°	92.0
Below Rotary Hrs.	24.00	Percent Slide:	3.63	Chlorides	181000	WL	100			Oil %	0

PERSONNEL		CASING			BHA		
Lead Directional :	Ritchie Richard	Size	lbf/Ft	Set Depth	BHA # 2.8 1/2" Ulterra PDC, SPL513, 3x16's, 6x14's, TFA = 1.49, 7" Motor 7/8 5.7, 1.75 Fxd, Silk Sleeve, Non Mag UBHO (MWD), Non Mag Drill Collar (MWD), Non Mag Flex Collar, 72 Stds 5" Drill Pipe, 24 Jts. 5" HWT Drill Pipe, ,		
Second Directional :	Jason Ferguson	20.00	.00	59.00			
MWD Operator1	Chris Burk	9 5/8	36.00	2290.00			
MWD Operator2	Frankie Alfano						
Directional Company:	DrilTech						
Geologist:		Signature:					
Company Man:	Mike Amos / Wayne Keene						
Incl. In:	91.28	Azm. In:	179.2	Incl. Out:	89.52	Azm. Out:	179.82

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
31-Mar-22	00:00	00:35	0.58	9191.0	9267.0	Drilling	Drilling - (WOB:51.00;GPM :516.00;RPM:60)
31-Mar-22	00:35	00:45	0.17	9267	9267	Survey & Conn.	Survey & Conn.@9213' Inc 89.78° Azm 178.59°
31-Mar-22	00:45	01:25	0.67	9267	9362	Drilling	Drilling - (WOB:51.00;GPM :516.00;RPM:60)
31-Mar-22	01:25	01:35	0.17	9362	9362	Survey & Conn.	Survey & Conn.@9308' Inc 89.6° Azm 178.5°
31-Mar-22	01:35	02:25	0.83	9362	9458	Drilling	Drilling - (WOB:51.00;GPM :516.00;RPM:60)
31-Mar-22	02:25	02:30	0.08	9458	9458	Survey & Conn.	Survey & Conn.@9404' Inc 89.96° Azm 177.89°
31-Mar-22	02:30	02:40	0.17	9458	9468	Drilling	Drilling - (WOB:51.00;GPM :516.00;RPM:60)
31-Mar-22	02:40	03:00	0.33	9468	9475	Sliding	Sliding - (WOB:51.00;GPM :516;TFO:100R))
31-Mar-22	03:00	03:40	0.67	9475	9551	Drilling	Drilling - (WOB:51.00;GPM :516.00;RPM:60)
31-Mar-22	03:40	03:50	0.17	9551	9551	Survey & Conn.	Survey & Conn.@9497' Inc 89.16° Azm 178.41°
31-Mar-22	03:50	03:55	0.08	9551	9561	Drilling	Drilling - (WOB:40.00;GPM :516.00;RPM:60)
31-Mar-22	03:55	04:15	0.33	9561	9568	Sliding	Sliding - (WOB:51.00;GPM :516;TFO:90R))
31-Mar-22	04:15	04:55	0.67	9568	9646	Drilling	Drilling - (WOB:51.00;GPM :516.00;RPM:60)
31-Mar-22	04:55	05:05	0.17	9646	9646	Survey & Conn.	Survey & Conn.@9592' Inc 89.6° Azm 180.08°
31-Mar-22	05:05	05:50	0.75	9646	9739	Drilling	Drilling - (WOB:40.00;GPM :516.00;RPM:60)
31-Mar-22	05:50	06:00	0.17	9739	9739	Survey & Conn.	Survey & Conn.@9685' Inc 90.04° Azm 179.91°
31-Mar-22	06:00	06:55	0.92	9739	9834	Drilling	Drilling - (WOB:40.00;GPM :516.00;RPM:60)
31-Mar-22	06:55	07:05	0.17	9834	9834	Survey & Conn.	Survey & Conn.@9780' Inc 90.66° Azm 179.82°

WinSERVE II Daily Report License: NP5468

Daily Report for JOB#: DM-2022-068-SED-T-NM - Page 1 of 2

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
31-Mar-22	07:05	07:15	0.17	9834	9844	Drilling	Drilling - (WOB:40.00;GPM :516.00;RPM:60)
31-Mar-22	07:15	07:30	0.25	9844	9850	Sliding	Sliding - (WOB:47.00;GPM :516;TFO:180))
31-Mar-22	07:30	07:35	0.08	9850	9855	Drilling	Drilling - (WOB:40.00;GPM :516.00;RPM:60)
31-Mar-22	07:35	07:40	0.08	9855	9855	Other	Swap Pumps
31-Mar-22	07:40	08:20	0.67	9855	9928	Drilling	Drilling - (WOB:40.00;GPM :516.00;RPM:60)
31-Mar-22	08:20	08:30	0.17	9928	9928	Survey & Conn.	Survey & Conn.@9874' Inc 90.22° Azm 180.7°
31-Mar-22	08:30	08:40	0.17	9928	9938	Drilling	Drilling - (WOB:40.00;GPM :516.00;RPM:60)
31-Mar-22	08:40	09:00	0.33	9938	9944	Sliding	Sliding - (WOB:50.00;GPM :516;TFO:110L))
31-Mar-22	09:00	09:55	0.92	9944	10023	Drilling	Drilling - (WOB:40.00;GPM :516.00;RPM:60)
31-Mar-22	09:55	10:05	0.17	10023	10023	Survey & Conn.	Survey & Conn.@9969' Inc 88.9° Azm 179.47°
31-Mar-22	10:05	10:15	0.17	10023	10033	Drilling	Drilling - (WOB:40.00;GPM :516.00;RPM:60)
31-Mar-22	10:15	10:30	0.25	10033	10038	Sliding	Sliding - (WOB:45.00;GPM :516;TFO:30L))
31-Mar-22	10:30	11:15	0.75	10038	10119	Drilling	Drilling - (WOB:40.00;GPM :516.00;RPM:60)
31-Mar-22	11:15	11:25	0.17	10119	10119	Survey & Conn.	Survey & Conn.@10065' Inc 89.78° Azm 179.2°
31-Mar-22	11:25	12:20	0.92	10119	10213	Drilling	Drilling - (WOB:40.00;GPM :516.00;RPM:60)
31-Mar-22	12:20	12:50	0.50	10213	10213	Rig Service-Inhole	Rig Service-Inhole
31-Mar-22	12:50	13:00	0.17	10213	10213	Survey & Conn.	Survey & Conn.@10159' Inc 91.1° Azm 179.47°
31-Mar-22	13:00	13:10	0.17	10213	10223	Drilling	Drilling - (WOB:40.00;GPM :516.00;RPM:60)
31-Mar-22	13:10	13:25	0.25	10223	10230	Sliding	Sliding - (WOB:47.00;GPM :516;TFO:150L))
31-Mar-22	13:25	14:20	0.92	10230	10309	Drilling	Drilling - (WOB:40.00;GPM :516.00;RPM:60)
31-Mar-22	14:20	14:35	0.25	10309	10309	Survey & Conn.	Survey & Conn.@10255' Inc 90.4° Azm 178.76°
31-Mar-22	14:35	14:45	0.17	10309	10319	Drilling	Drilling - (WOB:40.00;GPM :516.00;RPM:60)
31-Mar-22	14:45	15:00	0.25	10319	10323	Sliding	Sliding - (WOB:47.00;GPM :516;TFO:180))
31-Mar-22	15:00	15:50	0.83	10323	10403	Drilling	Drilling - (WOB:40.00;GPM :516.00;RPM:60)
31-Mar-22	15:50	16:00	0.17	10403	10403	Survey & Conn.	Survey & Conn.@10349' Inc 90.4° Azm 178.94°
31-Mar-22	16:00	16:10	0.17	10403	10414	Drilling	Drilling - (WOB:40.00;GPM :516.00;RPM:60)
31-Mar-22	16:10	16:25	0.25	10414	10420	Sliding	Sliding - (WOB:50.00;GPM :516;TFO:180))
31-Mar-22	16:25	17:20	0.92	10420	10499	Drilling	Drilling - (WOB:40.00;GPM :516.00;RPM:60)
31-Mar-22	17:20	17:45	0.42	10499	10499	Survey & Conn.	Survey & Conn.@10445' Inc 89.34° Azm 178.5°
31-Mar-22	17:45	19:05	1.33	10499	10595	Drilling	Drilling - (WOB:40.00;GPM :516.00;RPM:60)
31-Mar-22	19:05	19:15	0.17	10595	10595	Survey & Conn.	Survey & Conn.@10541' Inc 90.66° Azm 177.89°
31-Mar-22	19:15	19:30	0.25	10595	10605	Drilling	Drilling - (WOB:40.00;GPM :516.00;RPM:60)
31-Mar-22	19:30	19:55	0.42	10605	10612	Sliding	Sliding - (WOB:50.00;GPM :516;TFO:120R))
31-Mar-22	19:55	20:45	0.83	10612	10690	Drilling	Drilling - (WOB:40.00;GPM :516.00;RPM:60)
31-Mar-22	20:45	20:55	0.17	10690	10690	Survey & Conn.	Survey & Conn.@10636' Inc 90.84° Azm 178.68°
31-Mar-22	20:55	21:00	0.08	10690	10700	Drilling	Drilling - (WOB:40.00;GPM :516.00;RPM:60)
31-Mar-22	21:00	21:25	0.42	10700	10707	Sliding	Sliding - (WOB:52.00;GPM :516;TFO:160R))
31-Mar-22	21:25	22:20	0.92	10707	10784	Drilling	Drilling - (WOB:40.00;GPM :516.00;RPM:60)
31-Mar-22	22:20	22:30	0.17	10784	10784	Survey & Conn.	Survey & Conn.@10730' Inc 89.78° Azm 179.64°
31-Mar-22	22:30	23:35	1.08	10784	10878	Drilling	Drilling - (WOB:40.00;GPM :516.00;RPM:60)
31-Mar-22	23:35	23:45	0.17	10878	10878	Survey & Conn.	Survey & Conn.@10825' Inc 89.52° Azm 179.82°
31-Mar-22	23:45	24:00	0.25	10878	10900	Drilling	Drilling - (WOB:40.00;GPM :516.00;RPM:60)

	JOB NO.: DM-2022-068-SED-T-NM		Report Time: 2400		11 of 11	
	Company: STEWARD ENERGY II, LLC		API JOB # 30-025-49708			
	LOCATION: Lea County, NM		WORK ORDER#			
	RIG NAME: Norton Rig 8		FIELD: Bronco S (San Andreas)			
	STATE: New Mexico		Legal Desc.		Township-Section-Range	
	COUNTY: Lea County					
	WELL NAME: Vamonos Fee 5H					

From Friday, April 01, 2022 at 0000 to Friday, April 01, 2022 at 2400

DRILLING SUMMARY				Drilling Parameters							
Start Depth	10900.00	Rotary Hours	2.42	WOB	40	Pick UP	215	Slack Off	75	SPM	
End Depth	11097.00	Circulating Hours	2.75	RAB	140	SPP	2210	FlowRate	516 - 516	115	
Total Drilled:	197.00	Avg. Total ROP:	81.52	Mud Data							
Total Rotary Drilled:	197.00	Avg. Rotary ROP:	81.52	Type	Brine			PV	3	SOLID	6.6
Total Drilled Sliding:	0.00	Avg. Slide ROP:	NA	Weight	10.20 PPG	GAS	550	YP	1	BHT°	130.0
Slide Hours:	0.00	Percent Rotary:	100.00	Viscosity	29	SAND	0.07	PH	9.5	Flow T°	92.0
Below Rotary Hrs.	24.00	Percent Slide:	.00	Chlorides	181000	WL	100			Oil %	0

PERSONNEL		CASING			BHA		
Lead Directional :	Ritchie Richard	Size	lbf/Ft	Set Depth	BHA # 2:8 1/2" Ulterra PDC, SPL513, 3x16's, 6x14's, TFA = 1.49, 7" Motor 7/8 5.7, 1.75 Fxd, Silk Sleeve, Non Mag UBHO (MWD), Non Mag Drill Collar (MWD), Non Mag Flex Collar, 72 Stds 5" Drill Pipe, 24 Jts. 5" HWT Drill Pipe, ,		
Second Directional :	Jason Ferguson	20.00	.00	59.00			
MWD Operator1	Chris Burk	9 5/8	36.00	2290.00			
MWD Operator2	Frankie Alfano						
Directional Company:	DrilTech						
Geologist:		Signature:					
Company Man:	Mike Amos / Wayne Keene						
Incl. In:	89.52	Azm. In:	179.82	Incl. Out:	91.98	Azm. Out:	180.26

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
1-Apr-22	00:00	00:50	0.83	10900.0	10974.0	Drilling	Drilling - (WOB:40.00;GPM :516.00;RPM:60)
1-Apr-22	00:50	01:30	0.67	10974	10974	Rig Service-Inhole	Rig Service-Inhole
1-Apr-22	01:30	01:40	0.17	10974	10974	Survey & Conn.	Survey & Conn.@10920' Inc 90.04° Azm 179.99°
1-Apr-22	01:40	02:50	1.17	10974	11069	Drilling	Drilling - (WOB:40.00;GPM :516.00;RPM:60)
1-Apr-22	02:50	03:00	0.17	11069	11069	Survey & Conn.	Survey & Conn.@11015' Inc 91.54° Azm 180.17°
1-Apr-22	03:00	03:25	0.42	11069	11097	Drilling	Drilling - (WOB:40.00;GPM :516.00;RPM:60)
1-Apr-22	03:25	05:10	1.75	11097	11097	Circulating	Circulating
1-Apr-22	05:10	07:35	2.42	11097	11097	POOH	L/D DP to 8505'
1-Apr-22	07:35	07:55	0.33	11097	11097	Circulating	Spot Pill @ 8505'
1-Apr-22	07:55	14:40	6.75	11097	11097	POOH	L/D DP to the Top of BHA #2
1-Apr-22	14:40	15:15	0.58	11097	11097	Change BHA	L/D BHA #2
1-Apr-22	15:15	15:30	0.25	11097	11097	Other	Move Tools to Racks and Basket
1-Apr-22	15:30	18:00	2.50	11097	11097	Other	Wait on and Load Tools on Truck
1-Apr-22	18:00	20:00	2.00	11097	11097	Other	Finish out Paperwork, close out job.
1-Apr-22	20:00	24:00	4.00	11097	11097	Other	Job Finished.

WinSERVE II Daily Report License: NP5468

Daily Report for JOB#: DM-2022-068-SED-T-NM - Page 1 of 1

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

Submit to OGD: 8/18/2022 4:39:13 PM
Office
District I – (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-025-49708
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		5. Indicate Type of Lease STATE ☐ FEE ☒
2. Name of Operator STEWARD ENERGY II, LLC		6. State Oil & Gas Lease No.
3. Address of Operator 2600 DALLAS PARKWAY, FRISCO TEXAS 75034		7. Lease Name or Unit Agreement Name VAMONOS FEE
4. Well Location Unit Letter <u>M</u> : <u>263</u> feet from the <u>SOUTH</u> line and <u>173</u> feet from the <u>WEST</u> line Section <u>22</u> Township <u>13S</u> Range <u>38E</u> NMPM County <u>LEA</u>		8. Well Number 005H
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3811' GR		9. OGRID Number 371682
		10. Pool name or Wildcat San Andres

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

NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐ TEMPORARILY ABANDON ☐ CHANGE PLANS ☐ PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐ DOWNHOLE COMMINGLE ☐ CLOSED-LOOP SYSTEM ☐ OTHER: ☐	SUBSEQUENT REPORT OF: REMEDIAL WORK ☐ ALTERING CASING ☐ COMMENCE DRILLING OPNS. ☐ P AND A ☐ CASING/CEMENT JOB ☐ OTHER: Perf/Tubing ☒
--	--

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

STEWARD HAS COMPLETED THE FOLLOWING:

4/12/22: PRESSURE UP CASING 4800 PSI 25 MIN TEST

4/12/2022 –Perf AND FRAC 20 STAGES from 5938-11016' with 6 SPF, .42 inch holes with 750 shots
 20 Stage frac with 6,207,160# of total proppant

Plug Back MD = 11084, TVD: 5440'

4/16/22: Drill out plugs

4/17/2022 – Ready to produce

4/24/2022: Set 2 7/8" tubing at 5578'

Spud Date: 3/24/2022

Rig Release Date: 4/2/2022

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Kristina Lee TITLE Regulatory Consultant – Steward Energy II, LLC DATE: 8/18/22

Type or print name Kristina Lee E-mail address: krislee@skybeam.com PHONE: 303.884.4229

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____
 Conditions of Approval (if any): _____

Two Copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505		Form C-105 Revised April 3, 2017	
		1. WELL API NO. 30-025-49708		2. Type of Lease ☐ STATE ☒ FEE ☐ FED/INDIAN	
		3. State Oil & Gas Lease No.		5. Lease Name or Unit Agreement Name: VAMONOS FEE	
		6. Well Number: 005H			
WELL COMPLETION OR RECOMPLETION REPORT AND LOG					
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)					
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER					
8. Name of Operator STEWART ENERGY II, LLC				9. OGRID 371682	
10. Address of Operator 2600 Dallas Parkway, Frisco TX 75034				11. Pool name or Wildcat Bronco San Andres, South	
12. Location	Unit Ltr	Section	Township	Range	Lot
Surface:	M	22	13S	38E	M
BH:	M	27	13S	38E	M
13. Date Spudded 03/24/2022		14. Date T.D. Reached 4/1/2022		15. Date Rig Released 4/2/2022	
16. Date Completed (Ready to Produce) 4/17/2022		17. Elevations (DF and RKB, RT, GR, etc.) 3811'		21. Type Electric and Other Logs Run Gamma Ray	
18. Total Measured Depth of Well 11097'		19. Plug Back Measured Depth 11084'		20. Was Directional Survey Made? YES	
22. Producing Interval(s), of this completion - Top, Bottom, Name 5938-11016 SAN ANDRES					
23. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8	36	2290	12.25	664	0
7	29	5612	8.5		0
5.5	20	1109	8.5	2344	0
24. LINER RECORD					
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	
25. TUBING RECORD					
SIZE	DEPTH SET	PACKER SET			
2 7/8	5578				
26. Perforation record (interval, size, and number) 5938-11016, 6 SPF; 42 inch holes with 720 shots			27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 5938-11016 20 stage frac with 6,207,160# total proppant		
28. PRODUCTION					
Date First Production 5/12/22		Production Method (Flowing, gas lift, pumping - Size and type pump) FLOWING		Well Status (Prod. or Shut-in) PRODUCING	
Date of Test 6/17/22	Hours Tested 24	Choke Size N/A	Prod'n For Test Period 24 hrs	Oil - Bbl 458	Gas - MCF 239
Flow Tubing Press. 304	Casing Pressure 146	Calculated 24-Hour Rate 458	Oil - Bbl 458	Gas - MCF 239	Water - Bbl. 3358
29. Disposition of Gas (Sold, used for fuel, vented, etc.) SOLD		30. Test Witnessed By		Gas - Oil Ratio ..52	
31. List Attachments Directional Survey, C-102 as drilled, C-103 Perf/Tubing					
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.				33. Rig Release Date:	
34. If an on-site burial was used at the well, report the exact location of the on-site burial:					
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief Signature: Kristina Lee Printed Name: Kristina Lee Title: Regulatory Consultant Date: 8/18/22					
E-mail Address: Krislee@skybeam.com					

INSTRUCTIONS

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

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T. Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....

No. 3, from.....to.....

No. 2, from.....to.....

No. 4, from.....to.....

IMPORTANT WATER SANDS

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

No. 1, from.....to.....feet.....

No. 2, from.....to.....feet.....

No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness	Lithology					
0	2279		Rustler					
2297	2375		Salado					
2375	2962		Castile					
2962	3052		Tansill					
3052	3147		Yates					
3147	3396		Seven Rivers					
3396	3944		Queen					
3944	4320		Grayburg					
4320	4589		San Andres					
4589	5080		Manz Marker					
5080	5148		Chambliss A					
5148	5185		Pit Marker (+187)					
5185	5235		Brahaney B					
5235	5279		Brahaney C					
5279	5319		Brahaney D					

Submit 1 Copy To Appropriate District Office
 District I – (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II – (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III – (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV – (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

Form C-103
 Revised July 18, 2013

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-025-49708
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		5. Indicate Type of Lease STATE ☐ FEE ☒
2. Name of Operator STEWARD ENERGY II, LLC		6. State Oil & Gas Lease No.
3. Address of Operator 2600 DALLAS PARKWAY, FRISCO TEXAS 75034		7. Lease Name or Unit Agreement Name VAMONOS FEE
4. Well Location Unit Letter <u>M</u> : <u>263</u> feet from the <u>SOUTH</u> line and <u>173</u> feet from the <u>WEST</u> line Section <u>22</u> Township <u>13S</u> Range <u>38E</u> NMPM County <u>LEA</u>		8. Well Number 005H
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3811' GR		9. OGRID Number 371682
		10. Pool name or Wildcat San Andres

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
 PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
 DOWNHOLE COMMINGLE ☐
 CLOSED-LOOP SYSTEM ☐
 OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
 COMMENCE DRILLING OPNS. ☐ P AND A ☐
 CASING/CEMENT JOB ☐
 OTHER Casing pressure ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Please see attached casing pressure charts. Casing pressure 5000 psi on production casing, no drop.

Spud Date: 3/24/2022

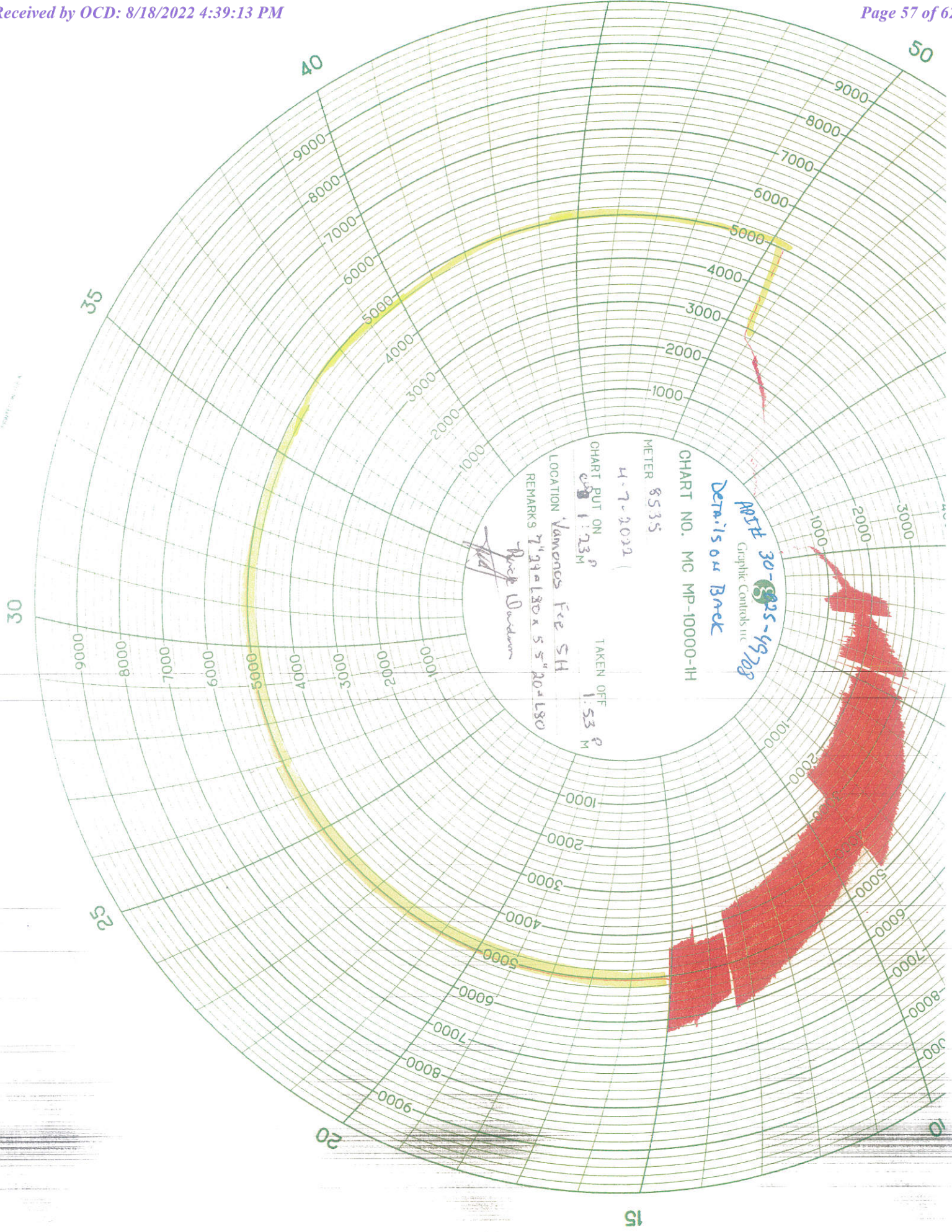
Rig Release Date: 4/2/2022

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Kristina Lee TITLE Regulatory Consultant – Steward Energy II, LLC DATE: 8/18/22

Type or print name Kristina Lee E-mail address: krislee@skybeam.com PHONE: 303.884.4229
For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____
 Conditions of Approval (if any): _____



Well: NAWAUS CEE SH
API # 30-025-49708
Date: 4-7-2022 OIL PRODUCTION CS9.
PSI: 51000 PSI 1:23 PM
Length: 30 minutes 1:53 PM
Platform: H1-10000000000
Witness: Short Column
Witness Number: 8535
Serial # 1012512021
Certified Date: 10/25/2022
Due Date: 10/25/2022



CHARTS Ltd.

CALIBRATION
CERTIFICATE

Customer: Formaster

Model: Bulfrog 12"

Serial: 8535

Cert Date: 10/25/2021
Due Date: 10/25/2022

This is to certify that this instrument has been inspected and tested against ADDITEL Digital Gauge ADT680-GP30K, SN: 218183B0028 Calibrated (04/28/2021) Due Date (04/28/2022) Reference Standard used in this calibration are traceable to the SI Units through NIST. This calibration is compliant to ISO/IEC 17025:2017 and ANSI/NCSL 2540-1:R2002.

This instrument is certified to be accurate within $\pm 1\%$ of Full Scale

Input Type/Range: 10,000#		Color: Red	
Pen Number: 1			
Ascending		Descending	
Applied	Reading	Applied	Reading
0	0	10002	10000
2001	2000	8005	8000
5023	5000	5017	5000
8016	8000	2000	2000
10002	10000	0	0

2031 TRADE DR.
MIDLAND, TX 79706
(432) 697-7801 (432) 520-3564 Fax

Technician: Tanner J. Bridge

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

ACKNOWLEDGMENTS

Action 135691

ACKNOWLEDGMENTS

Operator: STEWARD ENERGY II, LLC 2600 Dallas Parkway Frisco, TX 75034	OGRID: 371682
	Action Number: 135691
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

☒	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
☒	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

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CONDITIONS

Action 135691

CONDITIONS

Operator: STEWARD ENERGY II, LLC 2600 Dallas Parkway Frisco, TX 75034	OGRID: 371682
	Action Number: 135691
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	11/15/2022