

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

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

Form C-104
Revised August 1, 2011

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address STEWART ENERGY II, LLC 2600 Dallas Parkway Frisco, TX 75034		² OGRID Number 371682
		³ Reason for Filing Code/ Effective Date RT-5000 bbls
⁴ API Number 30 - 025-48744	⁵ Pool Name BRONCO;SAN ANDRES, SOUTH	⁶ Pool Code 7500
⁷ Property Code 330702	⁸ Property Name BABINEAUX FEE	⁹ Well Number 02H

II. ¹⁰ Surface Location

UI or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
A	22	13S	38E		341	N	146	E	Lea

¹¹ Bottom Hole Location

UI or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	15	13S	38E		47	N	1306	E	Lea

¹² Lse Code P	¹³ Producing Method Code P	¹⁴ Gas Connection Date NA	¹⁵ C-129 Permit Number NA	¹⁶ C-129 Effective Date NA	¹⁷ C-129 Expiration Date NA
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III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
371407	Stakeholder 777 E. Sonterra Blvd Suite 100 San Antonio, TX 78258	O&G

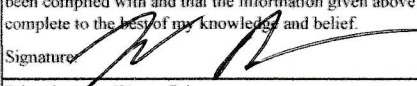
IV. Well Completion Data

²¹ Spud Date 5/15/2021	²² Ready Date 6/13/2021	²³ TD 11071 11123	²⁴ PBTB 11071 11123	²⁵ Perforations 6020-11057 (20 stg x3)	²⁶ DHC, MC NA
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²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement
12.25	9.625	2485	Lead 778 sks, Class C, Tail 250 sks, C Neat, Circulated
8.75	5.5	11123	Lead, 50/50 POZ/C, 525 sks Tail 50/50 POZ/H, 2203 sks
	2-7/8	5428	175 jts- with ESP

V. Well Test Data

³¹ Date New Oil 7-1-21	³² Gas Delivery Date ASAP-C-104 approval	³³ Test Date 7/27/21	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 183	³⁶ Csg. Pressure 124
³⁷ Choke Size 64/64	³⁸ Oil 458	³⁹ Water 3013	⁴⁰ Gas 254		⁴¹ Test Method P

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.		OIL CONSERVATION DIVISION	
Signature: 		Approved by: PATRICIA MARTINEZ	
Printed name: Wayne Price		Title: NMOCD	
Title: Price LLC Consultant		Approval Date: 8/12/2021	
E-mail Address: wayneprice@q.com		RT C-104 Expires 9/13/2021	
Date: July 29, 2021	Phone: 505-715-2809		

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

District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION AS-DRILLED PLAT

¹ API Number 30-025-48744	² Pool Code 7500	³ Pool Name BRONCO; SAN ANDRES, SOUTH
⁴ Property Code 330702	Property Name BABINEAUX FEE	
⁷ OGRID No. 371682	⁵ Operator Name STEWARD ENERGY II, LLC	
	⁶ Well Number 2H	⁹ Elevation 3802'

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
A	22	13S	38E		341	NORTH	146	EAST	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
A	15	13S	38E		47	NORTH	1306	EAST	LEA

¹² Dedicated Acres 320.0	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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: 925931.71' / Y: 796968.63' B - X: 923298.37' / Y: 796935.38' C - X: 923230.68' / Y: 802188.34' D - X: 925863.78' / Y: 802219.85'	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>[Signature]</i> Date: 7.29.21 Printed Name: Ben Barton E-mail Address: ben.barton@stewardenergy.com
	CORNER COORDINATES NAD 27, SPCS NM EAST A - X: 884755.82' / Y: 796905.79' B - X: 882122.48' / Y: 796872.42' C - X: 882054.83' / Y: 802125.23' D - X: 884687.91' / Y: 802156.86'	
	BOTTOM HOLE LOCATION 47' FNL 1306' FEL, SECTION 15 11123' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 924558.01' / Y: 802156.96' LAT: 33 19879047N / LON: 103 08055718W NAD 27, SPCS NM EAST X: 883382.15' / Y: 802093.91' LAT: 33 19868320N / LON: 103 08005795W	
	LAST TAKE POINT 133' FNL 1306' FEL, SECTION 15 11037' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 924560.07' / Y: 802071.05' LAT: 33 19855434N / LON: 103 08055382W NAD 27, SPCS NM EAST X: 883384.21' / Y: 802008.00' LAT: 33 19844707N / LON: 103 08005460W	
FIRST TAKE POINT 105' FSL 1309' FEL, SECTION 15 6020' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 924621.76' / Y: 797057.10' LAT: 33 18477486N / LON: 103 08054839W NAD 27, SPCS NM EAST X: 883445.87' / Y: 796994.19' LAT: 33 18466756N / LON: 103 08004932W	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: JULY 29, 2021 Signature and Seal of Professional Surveyor: <i>[Signature]</i> Certificate Number: DAVID W. MYERS 11403	

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

☐ Horizontal Spacing Unit

May 25, 2021



**END OF WELL
REPORT
FOR**

**Steward Energy
Babineaux Fee 2H
Lea County, NM
DM-2021-087-SED-T-NM**



PLAN vs ACTUAL

SURVEYS

BOTTOM HOLE ASSEMBLIES

SLIDE REPORTS

DAILY REPORTS

Steward Energy II, LLC

DrilTech, LLC

Lea County, NM (NAD 83) NM East Zone
Babineaux Fee 2H
Babineaux Fee 2H
Wellbore #1
Plan #3



SURFACE LOCATION

US State Plane 1983
New Mexico Eastern Zone
Elevation: GL 3802' + RKB 13' @ 3815.00ft
Northing 796626.00 Easting 925789.29 Latitude 33.184 Longitude -103.077

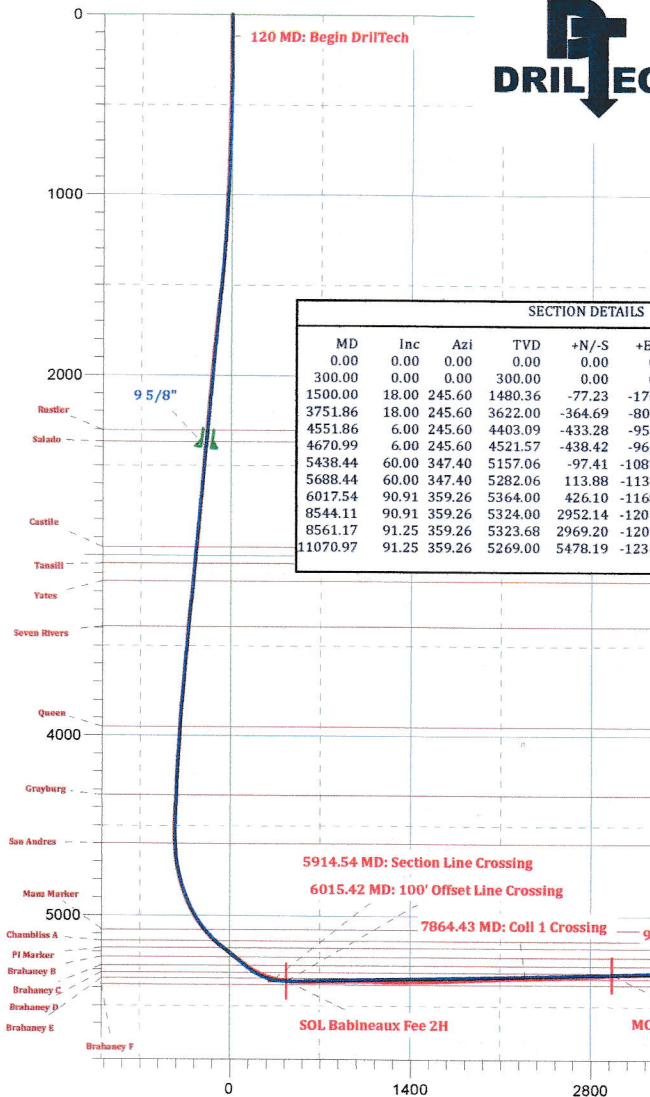
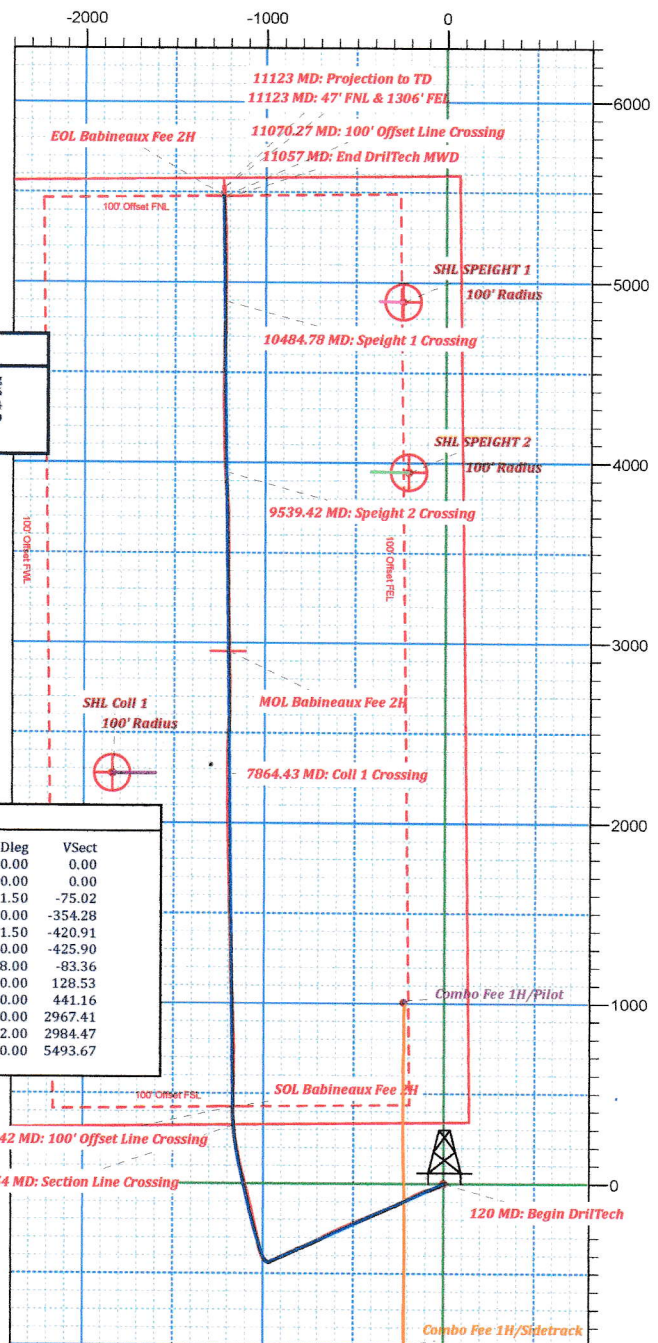
WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting
EOL Babineaux Fee 2H	5269.00	5478.19	-1234.13	802104.18	924555.16
MOL Babineaux Fee 2H	5324.00	2952.14	-1201.45	799578.13	924587.84
SOL Babineaux Fee 2H	5364.00	426.10	-1168.70	797052.10	924620.59



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
1500.00	18.00	245.60	1480.36	-77.23	-170.25	1.50	-75.02
3751.86	18.00	245.60	3622.00	-364.69	-803.96	0.00	-354.28
4551.86	6.00	245.60	4403.09	-433.28	-955.16	1.50	-420.91
4670.99	6.00	245.60	4521.57	-438.42	-966.50	0.00	-425.90
5438.44	60.00	347.40	5157.06	-97.41	-1087.31	8.00	-83.36
5688.44	60.00	347.40	5282.06	113.88	-1134.54	0.00	128.53
6017.54	90.91	359.26	5364.00	426.10	-1168.70	10.00	441.16
8544.11	90.91	359.26	5324.00	2952.14	-1201.45	0.00	2967.41
8561.17	91.25	359.26	5323.68	2969.20	-1201.67	2.00	2984.47
11070.97	91.25	359.26	5269.00	5478.19	-1234.13	0.00	5493.67



Vertical Section at 359.26° (1400 ft/in)

Steward Energy II, LLC

Lea County, NM (NAD 83) NM East Zone

Babineaux Fee 2H

Babineaux Fee 2H

Wellbore #1

Design: Wellbore #1

Standard Survey Report

24 May, 2021

Survey Report

Company:	Steward Energy II, LLC	Local Co-ordinate Reference:	Well Babineaux Fee 2H
Project:	Lea County, NM (NAD 83) NM East Zone	TVD Reference:	GL 3802' + RKB 13' @ 3815.00ft
Site:	Babineaux Fee 2H	MD Reference:	GL 3802' + RKB 13' @ 3815.00ft
Well:	Babineaux Fee 2H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM

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	Babineaux Fee 2H			
Site Position:		Northing:	796,626.00 usft	Latitude: 33.184
From:	Map	Easting:	925,789.29 usft	Longitude: -103.077
Position Uncertainty:	0.00 ft	Slot Radius:	13.200 in	

Well	Babineaux Fee 2H			
Well Position	+N/-S	0.00 ft	Northing:	796,626.00 usft
	+E/-W	0.00 ft	Easting:	925,789.29 usft
Position Uncertainty	0.00 ft	Wellhead Elevation:	ft	Ground Level: 3,802.00 ft
Grid Convergence:	0.69 °			

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	5/14/2021	6.39	60.84	48,116.12871163

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	359.26	

Survey Program	Date 5/24/2021			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
120.00	11,123.00	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
120.00	0.35	93.15	120.00	-0.02	0.37	-0.02	0.29	0.29	0.00
120 MD: Begin DrilTech									
215.00	0.62	114.86	215.00	-0.25	1.12	-0.27	0.34	0.28	22.85
306.00	1.23	193.52	305.99	-1.41	1.34	-1.43	1.39	0.67	86.44
398.00	1.76	228.59	397.96	-3.30	0.05	-3.30	1.12	0.58	38.12
490.00	2.73	239.40	489.89	-5.35	-2.90	-5.32	1.15	1.05	11.75
581.00	4.04	245.20	580.72	-7.80	-7.67	-7.70	1.49	1.44	6.37
676.00	5.98	244.06	675.36	-11.37	-15.16	-11.17	2.04	2.04	-1.20
771.00	7.03	246.43	769.74	-15.86	-24.94	-15.54	1.14	1.11	2.49

Survey Report

Company:	Steward Energy II, LLC	Local Co-ordinate Reference:	Well Babineaux Fee 2H
Project:	Lea County, NM (NAD 83) NM East Zone	TVD Reference:	GL 3802' + RKB 13' @ 3815.00ft
Site:	Babineaux Fee 2H	MD Reference:	GL 3802' + RKB 13' @ 3815.00ft
Well:	Babineaux Fee 2H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM

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)
866.00	8.44	248.54	863.88	-20.73	-36.76	-20.26	1.51	1.48	2.22
961.00	10.02	249.33	957.65	-26.20	-50.98	-25.54	1.67	1.66	0.83
1,056.00	11.08	251.44	1,051.04	-32.03	-67.36	-31.15	1.19	1.12	2.22
1,151.00	12.66	252.67	1,144.00	-38.03	-85.96	-36.92	1.68	1.66	1.29
1,246.00	14.25	248.89	1,236.40	-45.35	-106.80	-43.96	1.91	1.67	-3.98
1,341.00	15.83	245.82	1,328.14	-54.86	-129.53	-53.19	1.86	1.66	-3.23
1,435.00	17.59	243.97	1,418.17	-66.35	-154.00	-64.36	1.96	1.87	-1.97
1,530.00	18.11	243.53	1,508.59	-79.23	-180.11	-76.90	0.57	0.55	-0.46
1,625.00	18.20	242.57	1,598.86	-92.65	-206.50	-89.97	0.33	0.09	-1.01
1,720.00	17.94	243.71	1,689.18	-105.96	-232.78	-102.95	0.46	-0.27	1.20
1,816.00	18.47	244.50	1,780.37	-119.06	-259.76	-115.69	0.61	0.55	0.82
1,908.00	18.03	247.14	1,867.75	-130.86	-286.04	-127.16	1.02	-0.48	2.87
2,004.00	18.11	245.11	1,959.01	-142.91	-313.26	-138.86	0.66	0.08	-2.11
2,099.00	18.47	245.20	2,049.21	-155.44	-340.32	-151.03	0.38	0.38	0.09
2,192.00	18.20	245.64	2,137.49	-167.61	-366.92	-162.86	0.33	-0.29	0.47
2,287.00	17.50	247.05	2,227.92	-179.30	-393.59	-174.20	0.87	-0.74	1.48
2,382.00	17.41	247.66	2,318.55	-190.27	-419.89	-184.83	0.21	-0.09	0.64
2,424.00	17.41	246.70	2,358.62	-195.14	-431.47	-189.56	0.68	0.00	-2.29
2,528.00	17.15	246.61	2,457.93	-207.39	-459.83	-201.43	0.25	-0.25	-0.09
2,591.00	17.50	246.78	2,518.07	-214.81	-477.06	-208.63	0.56	0.56	0.27
2,686.00	17.41	245.91	2,608.69	-226.24	-503.16	-219.72	0.29	-0.09	-0.92
2,780.00	18.38	250.30	2,698.15	-236.98	-529.96	-230.11	1.77	1.03	4.67
2,875.00	18.38	245.55	2,788.31	-248.23	-557.69	-241.00	1.58	0.00	-5.00
2,969.00	18.64	247.40	2,877.45	-260.13	-585.05	-252.55	0.68	0.28	1.97
3,064.00	18.64	243.62	2,967.47	-272.71	-612.67	-264.78	1.27	0.00	-3.98
3,158.00	17.85	241.16	3,056.74	-286.34	-638.75	-278.06	1.17	-0.84	-2.62
3,253.00	17.23	242.21	3,147.32	-299.92	-663.95	-291.32	0.73	-0.65	1.11
3,349.00	16.62	243.80	3,239.17	-312.61	-688.85	-303.69	0.80	-0.64	1.66
3,443.00	17.32	244.59	3,329.07	-324.55	-713.55	-315.31	0.78	0.74	0.84
3,539.00	17.67	247.14	3,420.63	-336.34	-739.88	-326.76	0.88	0.36	2.66
3,633.00	17.50	246.70	3,510.24	-347.47	-766.01	-337.55	0.23	-0.18	-0.47
3,727.00	17.32	248.28	3,599.94	-358.24	-791.99	-347.98	0.54	-0.19	1.68
3,822.00	17.15	244.32	3,690.67	-369.55	-817.75	-358.95	1.25	-0.18	-4.17
3,917.00	15.56	243.80	3,781.83	-381.24	-841.81	-370.34	1.68	-1.67	-0.55
4,012.00	13.81	244.85	3,873.72	-391.69	-863.51	-380.50	1.86	-1.84	1.11
4,106.00	12.05	244.59	3,965.33	-400.67	-882.53	-389.24	1.87	-1.87	-0.28
4,201.00	11.34	246.70	4,058.36	-408.62	-900.06	-396.96	0.87	-0.75	2.22
4,296.00	10.29	243.09	4,151.67	-416.15	-916.21	-404.28	1.31	-1.11	-3.80
4,390.00	9.67	246.43	4,244.25	-423.11	-930.93	-411.05	0.90	-0.66	3.55
4,485.00	8.00	242.57	4,338.12	-429.34	-944.11	-417.11	1.86	-1.76	-4.06
4,580.00	6.51	237.29	4,432.36	-435.30	-954.51	-422.94	1.72	-1.57	-5.56
4,612.00	6.33	238.61	4,464.16	-437.20	-957.54	-424.80	0.73	-0.56	4.13
4,643.00	5.63	244.85	4,494.99	-438.74	-960.38	-426.30	3.08	-2.26	20.13

Survey Report

Company:	Steward Energy II, LLC	Local Co-ordinate Reference:	Well Babineaux Fee 2H
Project:	Lea County, NM (NAD 83) NM East Zone	TVD Reference:	GL 3802' + RKB 13' @ 3815.00ft
Site:	Babineaux Fee 2H	MD Reference:	GL 3802' + RKB 13' @ 3815.00ft
Well:	Babineaux Fee 2H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM

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)
4,675.00	5.63	268.14	4,526.84	-439.45	-963.37	-426.97	7.09	0.00	72.78
4,706.00	6.42	285.28	4,557.67	-439.05	-966.56	-426.53	6.31	2.55	55.29
4,738.00	8.18	290.47	4,589.41	-437.78	-970.42	-425.21	5.87	5.50	16.22
4,770.00	9.76	298.99	4,621.02	-435.67	-974.92	-423.04	6.44	4.94	26.63
4,802.00	12.05	306.64	4,652.44	-432.36	-979.98	-419.67	8.45	7.16	23.91
4,833.00	13.81	316.83	4,682.66	-427.73	-985.11	-414.97	9.27	5.68	32.87
4,865.00	15.56	323.78	4,713.61	-421.48	-990.26	-408.66	7.75	5.47	21.72
4,896.00	17.67	327.38	4,743.32	-414.16	-995.25	-401.27	7.57	6.81	11.61
4,928.00	19.87	332.30	4,773.62	-405.25	-1,000.40	-392.30	8.46	6.88	15.38
4,960.00	21.98	335.64	4,803.50	-394.98	-1,005.40	-381.96	7.57	6.59	10.44
4,991.00	24.45	338.54	4,831.99	-383.72	-1,010.14	-370.65	8.78	7.97	9.35
5,023.00	26.56	343.29	4,860.88	-370.71	-1,014.62	-357.57	9.18	6.59	14.84
5,054.00	28.58	346.63	4,888.36	-356.85	-1,018.33	-343.67	8.20	6.52	10.77
5,086.00	31.22	347.77	4,916.10	-341.30	-1,021.85	-328.07	8.44	8.25	3.56
5,117.00	33.77	347.24	4,942.24	-325.04	-1,025.46	-311.77	8.28	8.23	-1.71
5,149.00	36.32	346.72	4,968.44	-307.14	-1,029.60	-293.82	8.02	7.97	-1.63
5,181.00	39.31	347.33	4,993.71	-288.02	-1,034.00	-274.64	9.42	9.34	1.91
5,211.00	41.50	346.89	5,016.56	-269.07	-1,038.34	-255.64	7.36	7.30	-1.47
5,243.00	44.05	347.33	5,040.04	-247.89	-1,043.19	-234.39	8.02	7.97	1.38
5,274.00	46.69	347.33	5,061.82	-226.36	-1,048.02	-212.81	8.52	8.52	0.00
5,306.00	49.24	347.42	5,083.24	-203.17	-1,053.22	-189.55	7.97	7.97	0.28
5,337.00	51.62	346.72	5,102.99	-179.88	-1,058.57	-166.20	7.87	7.68	-2.26
5,369.00	54.61	346.45	5,122.20	-154.99	-1,064.51	-141.23	9.37	9.34	-0.84
5,402.00	57.86	346.19	5,140.53	-128.34	-1,070.99	-114.50	9.87	9.85	-0.79
5,433.00	60.67	346.28	5,156.38	-102.46	-1,077.33	-88.54	9.07	9.06	0.29
5,464.00	61.29	346.19	5,171.41	-76.13	-1,083.78	-62.13	2.02	2.00	-0.29
5,496.00	61.55	346.36	5,186.72	-48.83	-1,090.45	-34.75	0.94	0.81	0.53
5,527.00	61.55	346.36	5,201.49	-22.35	-1,096.88	-8.18	0.00	0.00	0.00
5,559.00	61.64	346.54	5,216.71	5.02	-1,103.47	19.27	0.57	0.28	0.56
5,591.00	61.47	346.28	5,231.95	32.37	-1,110.08	46.70	0.89	-0.53	-0.81
5,622.00	61.38	346.36	5,246.78	58.82	-1,116.52	73.23	0.37	-0.29	0.26
5,654.00	61.55	346.28	5,262.07	86.13	-1,123.17	100.63	0.57	0.53	-0.25
5,685.00	61.99	346.45	5,276.73	112.68	-1,129.61	127.26	1.50	1.42	0.55
5,717.00	64.46	347.59	5,291.15	140.51	-1,136.02	155.17	8.35	7.72	3.56
5,747.00	67.62	348.56	5,303.33	167.33	-1,141.68	182.06	10.94	10.53	3.23
5,779.00	70.08	349.97	5,314.87	196.65	-1,147.24	211.45	8.72	7.69	4.41
5,811.00	71.75	350.85	5,325.34	226.47	-1,152.28	241.33	5.83	5.22	2.75
5,842.00	74.22	352.69	5,334.41	255.80	-1,156.52	270.72	9.78	7.97	5.94
5,873.00	76.85	354.36	5,342.15	285.63	-1,159.90	300.58	9.96	8.48	5.39
5,905.00	78.96	355.42	5,348.86	316.79	-1,162.68	331.78	7.35	6.59	3.31
5,914.54	79.64	355.66	5,350.63	326.14	-1,163.41	341.13	7.53	7.09	2.56
5914.54 MD: Section Line Crossing									
5,936.00	81.16	356.21	5,354.21	347.24	-1,164.91	362.26	7.53	7.10	2.54
5,968.00	83.27	357.53	5,358.54	378.90	-1,166.64	393.93	7.76	6.59	4.13

Survey Report

Company:	Steward Energy II, LLC	Local Co-ordinate Reference:	Well Babineaux Fee 2H
Project:	Lea County, NM (NAD 83) NM East Zone	TVD Reference:	GL 3802' + RKB 13' @ 3815.00ft
Site:	Babineaux Fee 2H	MD Reference:	GL 3802' + RKB 13' @ 3815.00ft
Well:	Babineaux Fee 2H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM

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)
6,000.00	85.30	359.46	5,361.73	410.72	-1,167.48	425.77	8.73	6.34	6.03
6,015.42	86.34	359.87	5,362.85	426.10	-1,167.57	441.15	7.23	6.73	2.64
6015.42 MD: 100' Offset Line Crossing									
6,030.00	87.32	0.25	5,363.66	440.66	-1,167.55	455.70	7.23	6.73	2.63
6,062.00	88.02	1.31	5,364.96	472.63	-1,167.12	487.66	3.97	2.19	3.31
6,093.00	89.34	0.87	5,365.67	503.61	-1,166.53	518.64	4.49	4.26	-1.42
6,125.00	90.31	0.78	5,365.77	535.61	-1,166.07	550.63	3.04	3.03	-0.28
6,188.00	90.22	0.95	5,365.48	598.60	-1,165.12	613.60	0.31	-0.14	0.27
6,283.00	90.04	359.37	5,365.27	693.60	-1,164.85	708.59	1.67	-0.19	-1.66
6,378.00	90.13	357.79	5,365.12	788.57	-1,167.20	803.58	1.67	0.09	-1.66
6,472.00	91.01	358.23	5,364.19	882.50	-1,170.47	897.55	1.05	0.94	0.47
6,567.00	90.48	358.67	5,362.95	977.46	-1,173.04	992.53	0.73	-0.56	0.46
6,662.00	88.90	358.49	5,363.47	1,072.43	-1,175.39	1,087.52	1.67	-1.66	-0.19
6,754.00	88.81	359.20	5,365.31	1,164.39	-1,177.25	1,179.50	0.78	-0.10	0.77
6,845.00	89.52	358.05	5,366.63	1,255.35	-1,179.43	1,270.48	1.49	0.78	-1.26
6,937.00	90.40	358.84	5,366.70	1,347.32	-1,181.93	1,362.47	1.29	0.96	0.86
7,029.00	91.28	358.93	5,365.35	1,439.29	-1,183.72	1,454.46	0.96	0.96	0.10
7,120.00	90.75	357.97	5,363.74	1,530.24	-1,186.18	1,545.43	1.20	-0.58	-1.05
7,212.00	91.19	358.93	5,362.18	1,622.19	-1,188.67	1,637.41	1.15	0.48	1.04
7,303.00	91.89	358.84	5,359.73	1,713.14	-1,190.44	1,728.37	0.78	0.77	-0.10
7,395.00	90.92	359.11	5,357.48	1,805.10	-1,192.08	1,820.34	1.09	-1.05	0.29
7,486.00	91.19	358.67	5,355.80	1,896.06	-1,193.84	1,911.32	0.57	0.30	-0.48
7,600.00	92.86	358.58	5,351.77	2,009.96	-1,196.58	2,025.24	1.47	1.46	-0.08
7,695.00	92.15	358.84	5,347.62	2,104.84	-1,198.71	2,120.15	0.80	-0.75	0.27
7,789.00	90.84	359.20	5,345.17	2,198.79	-1,200.32	2,214.11	1.45	-1.39	0.38
7,864.43	90.20	0.60	5,344.49	2,274.22	-1,200.45	2,289.53	2.05	-0.85	1.86
7864.43 MD: Coll 1 Crossing									
7,883.00	90.04	0.95	5,344.45	2,292.78	-1,200.20	2,308.09	2.05	-0.85	1.86
7,978.00	90.75	1.13	5,343.79	2,387.77	-1,198.47	2,403.05	0.77	0.75	0.19
8,073.00	91.45	1.66	5,341.97	2,482.72	-1,196.16	2,497.96	0.92	0.74	0.56
8,168.00	91.54	0.69	5,339.49	2,577.67	-1,194.21	2,592.87	1.03	0.09	-1.02
8,262.00	91.89	359.55	5,336.68	2,671.62	-1,194.02	2,686.82	1.27	0.37	-1.21
8,357.00	91.89	359.37	5,333.54	2,766.57	-1,194.91	2,781.77	0.19	0.00	-0.19
8,451.00	92.33	359.64	5,330.08	2,860.50	-1,195.72	2,875.70	0.55	0.47	0.29
8,546.00	91.80	359.46	5,326.66	2,955.43	-1,196.47	2,970.64	0.59	-0.56	-0.19
8,642.00	90.40	358.49	5,324.82	3,051.40	-1,198.19	3,066.62	1.77	-1.46	-1.01
8,737.00	90.84	358.49	5,323.79	3,146.36	-1,200.69	3,161.60	0.46	0.46	0.00
8,832.00	91.63	359.99	5,321.74	3,241.32	-1,201.95	3,256.58	1.78	0.83	1.58
8,925.00	91.54	359.46	5,319.17	3,334.29	-1,202.40	3,349.54	0.58	-0.10	-0.57
9,021.00	92.24	359.81	5,316.00	3,430.23	-1,203.01	3,445.48	0.82	0.73	0.36
9,115.00	91.01	359.20	5,313.34	3,524.19	-1,203.82	3,539.44	1.46	-1.31	-0.65
9,210.00	91.63	359.90	5,311.15	3,619.16	-1,204.56	3,634.42	0.98	0.65	0.74
9,304.00	91.36	359.02	5,308.70	3,713.12	-1,205.45	3,728.38	0.98	-0.29	-0.94

Survey Report

Company:	Steward Energy II, LLC	Local Co-ordinate Reference:	Well Babineaux Fee 2H
Project:	Lea County, NM (NAD 83) NM East Zone	TVD Reference:	GL 3802' + RKB 13' @ 3815.00ft
Site:	Babineaux Fee 2H	MD Reference:	GL 3802' + RKB 13' @ 3815.00ft
Well:	Babineaux Fee 2H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM

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)
9,399.00	89.87	356.38	5,307.68	3,808.03	-1,209.26	3,823.33	3.19	-1.57	-2.78
9,494.00	90.84	357.53	5,307.09	3,902.89	-1,214.31	3,918.25	1.58	1.02	1.21
9,539.42	91.09	357.70	5,306.32	3,948.27	-1,216.20	3,963.64	0.67	0.55	0.37
9539.42 MD: Speight 2 Crossing									
9,588.00	91.36	357.88	5,305.28	3,996.80	-1,218.07	4,012.20	0.67	0.55	0.37
9,683.00	91.71	357.79	5,302.74	4,091.70	-1,221.66	4,107.13	0.38	0.37	-0.09
9,776.00	92.33	359.46	5,299.46	4,184.61	-1,223.89	4,200.07	1.91	0.67	1.80
9,871.00	92.86	359.72	5,295.16	4,279.51	-1,224.57	4,294.97	0.62	0.56	0.27
9,966.00	92.15	359.72	5,291.01	4,374.41	-1,225.03	4,389.87	0.75	-0.75	0.00
10,060.00	91.36	0.25	5,288.13	4,468.37	-1,225.06	4,483.82	1.01	-0.84	0.56
10,155.00	90.13	0.60	5,286.89	4,563.36	-1,224.35	4,578.79	1.35	-1.29	0.37
10,250.00	90.84	0.87	5,286.09	4,658.35	-1,223.13	4,673.75	0.80	0.75	0.28
10,345.00	90.75	359.99	5,284.77	4,753.33	-1,222.42	4,768.72	0.93	-0.09	-0.93
10,440.00	91.80	0.43	5,282.66	4,848.31	-1,222.07	4,863.69	1.20	1.11	0.46
10,484.78	91.30	0.39	5,281.44	4,893.07	-1,221.75	4,908.44	1.12	-1.12	-0.10
10484.78 MD: Speight 1 Crossing									
10,534.00	90.75	0.34	5,280.56	4,942.28	-1,221.44	4,957.64	1.12	-1.12	-0.10
10,629.00	91.01	0.16	5,279.11	5,037.27	-1,221.03	5,052.62	0.33	0.27	-0.19
10,723.00	90.66	359.11	5,277.74	5,131.25	-1,221.63	5,146.60	1.18	-0.37	-1.12
10,817.00	91.98	358.76	5,275.57	5,225.21	-1,223.37	5,240.58	1.45	1.40	-0.37
10,912.00	91.19	358.41	5,272.94	5,320.14	-1,225.72	5,335.53	0.91	-0.83	-0.37
11,007.00	91.63	358.32	5,270.60	5,415.08	-1,228.43	5,430.49	0.47	0.46	-0.09
11,057.00	92.24	358.67	5,268.92	5,465.03	-1,229.74	5,480.46	1.41	1.22	0.70
11057 MD: End DrilTech MWD									
11,070.27	92.24	358.67	5,268.40	5,478.29	-1,230.05	5,493.72	0.00	0.00	0.00
11070.27 MD: 100' Offset Line Crossing									
11,123.00	92.24	358.67	5,266.34	5,530.96	-1,231.27	5,546.40	0.00	0.00	0.00
11123 MD: Projection to TD - 11123 MD: 47' FNL & 1306' FEL									

Design Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
120.00	120.00	-0.02	0.37	120 MD: Begin DrilTech
5,914.54	5,350.63	326.14	-1,163.41	5914.54 MD: Section Line Crossing
6,015.42	5,362.85	426.10	-1,167.57	6015.42 MD: 100' Offset Line Crossing
7,864.43	5,344.49	2,274.22	-1,200.45	7864.43 MD: Coll 1 Crossing
9,539.42	5,306.32	3,948.27	-1,216.20	9539.42 MD: Speight 2 Crossing
10,484.78	5,281.44	4,893.07	-1,221.75	10484.78 MD: Speight 1 Crossing
11,057.00	5,268.92	5,465.03	-1,229.74	11057 MD: End DrilTech MWD
11,070.27	5,268.40	5,478.29	-1,230.05	11070.27 MD: 100' Offset Line Crossing
11,123.00	5,266.34	5,530.96	-1,231.27	11123 MD: Projection to TD
11,123.00	5,266.34	5,530.96	-1,231.27	11123 MD: 47' FNL & 1306' FEL

Survey Report

Company:	Steward Energy II, LLC	Local Co-ordinate Reference:	Well Babineaux Fee 2H
Project:	Lea County, NM (NAD 83) NM East Zone	TVD Reference:	GL 3802' + RKB 13' @ 3815.00ft
Site:	Babineaux Fee 2H	MD Reference:	GL 3802' + RKB 13' @ 3815.00ft
Well:	Babineaux Fee 2H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM

Checked By: _____	Approved By: _____	Date: _____
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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 40516

ACKNOWLEDGMENTS

Operator: STEWARD ENERGY II, LLC 2600 Dallas Parkway Frisco, TX 75034	OGRID: 371682
	Action Number: 40516
	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.

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
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Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 40516

CONDITIONS

Operator: STEWARD ENERGY II, LLC 2600 Dallas Parkway Frisco, TX 75034	OGRID: 371682
	Action Number: 40516
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	RT C-104 EXPIRES 9/13/2021.	8/12/2021