

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

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 #400 Frisco TX 75034		² OGRID Number 371682
		³ Reason for Filing Code/ Effective Date NW
⁴ API Number 30 – 025-48982	⁵ Pool Name Bronco: San Andres South	⁶ Pool Code 7500
⁷ Property Code 330992	⁸ Property Name Gustavo Fee	⁹ Well Number 5H

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
D	23	13S	38E		219	NORTH	204	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
L	11	13S	38E		2898	SOUTH	1280	WEST	Lea
¹² Lse Code P	¹³ Producing Method Code P	¹⁴ Gas Connection Date N/A	¹⁵ C-129 Permit Number NA	¹⁶ C-129 Effective Date NA	¹⁷ C-129 Expiration Date NA				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
371407	Stakeholder 777 E Sonterra Blvd #100 ~ San Antonio TX 78258	

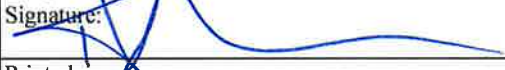
IV. Well Completion Data

²¹ Spud Date 07/12/2021	²² Ready Date 08/12/2021	²³ TD 13674	²⁴ PBDT 13648	²⁵ Perforations 5928 – 13575 (30 stg X 3)	²⁶ DHC, MC NA
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
12.25	9.625	2468	LEAD 730 SKS CLASS C TAIL 250 SKS C NEAT CIRCULATED		
8.5	5.5	13674	LEAD 900 SKS 50/50 POZ C TAIL 2650 SKS 50/50 POZ C		
	2.875	5601	167 joints with ESP		

V. Well Test Data

³¹ Date New Oil 08/21/2021	³² Gas Delivery Date 08/23/2021	³³ Test Date 09/25/2021	³⁴ Test Length 24	³⁵ Tbg. Pressure 311	³⁶ Csg. Pressure 227
³⁷ Choke Size 64/64	³⁸ Oil 1,164	³⁹ Water 3766	⁴⁰ Gas 734	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.

Signature: 

Printed name:
Holly Pankratz

Title:
Technician

E-mail Address:
Holly.pankratz@stewardenergy.net

Date: 11/17/2021

Phone:
214-297-0524

OIL CONSERVATION DIVISION

Approved by: PATRICIA MARTINEZ

Title: PETROLEUM SPECIALIST

Approval Date: 11/17/2021

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-48982	² Pool Code 7500	³ Pool Name BRONCO; SAN ANDRES, SOUTH
⁴ Property Code 330992	⁵ Property Name GUSTAVO FEE	⁶ Well Number 5H
⁷ OGRID No. 371682	⁸ Operator Name STEWARD ENERGY II, LLC	⁹ Elevation 3801'

¹⁰ Surface Location

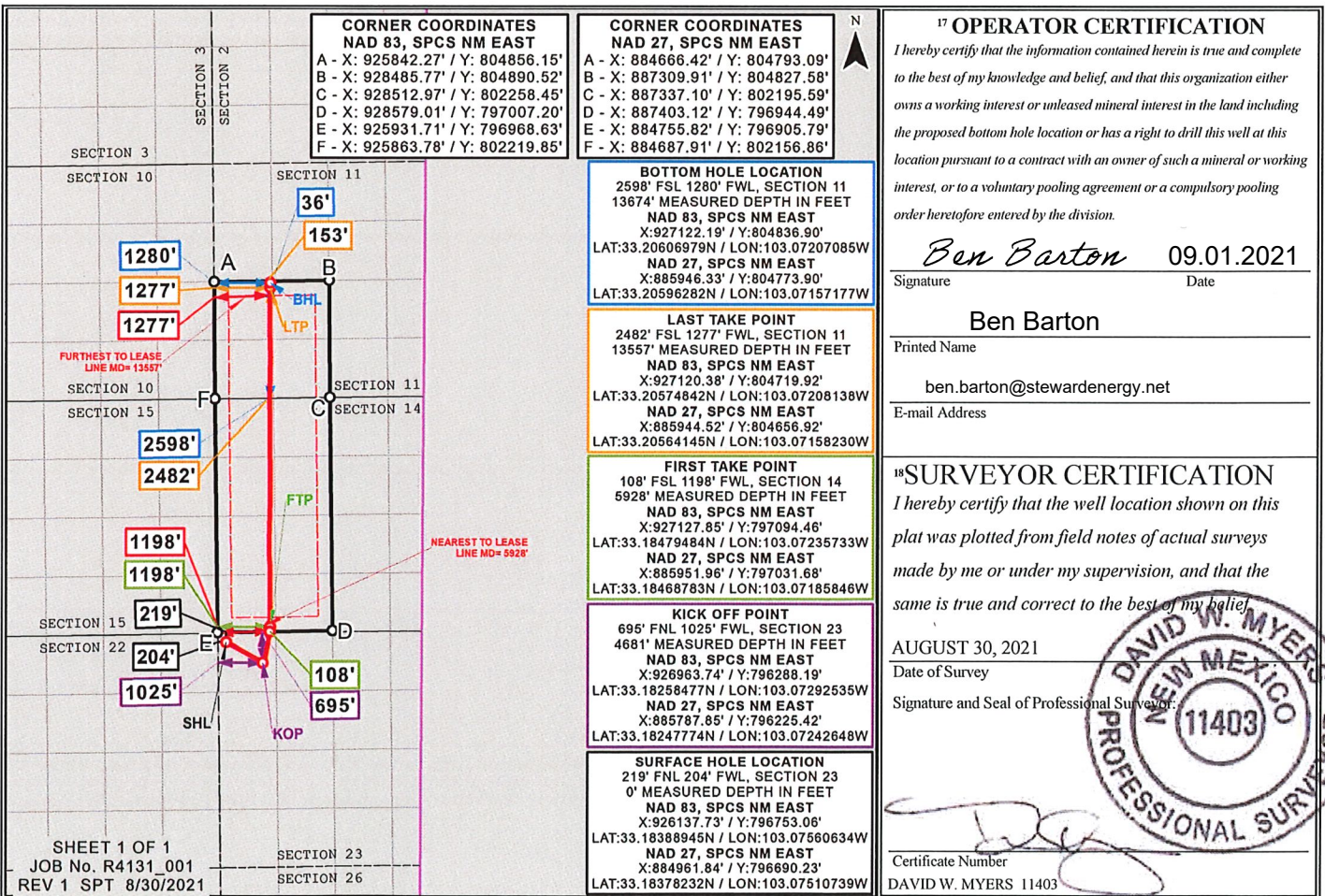
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	23	13S	38E		219	NORTH	204	WEST	LEA

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
L	11	13S	38E		2598	SOUTH	1280	WEST	LEA

¹² Dedicated Acres 480.0	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.



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

☐ Horizontal Spacing Unit

July 24, 2021



**END OF WELL
REPORT
FOR**

**Steward Energy II, LLC
Gustavo Fee 5H
Lea County, NM
DM-2021-140-SED-T-NM**



PLAN vs ACTUAL

SURVEYS

BOTTOM HOLE ASSEMBLIES

SLIDE REPORTS

DAILY REPORTS

DrilTech, LLC



SURFACE LOCATION

US State Plane 1983
New Mexico Eastern Zone
GL 3801' + RKB 17' @ 3818.00ft
Latitude
33 184

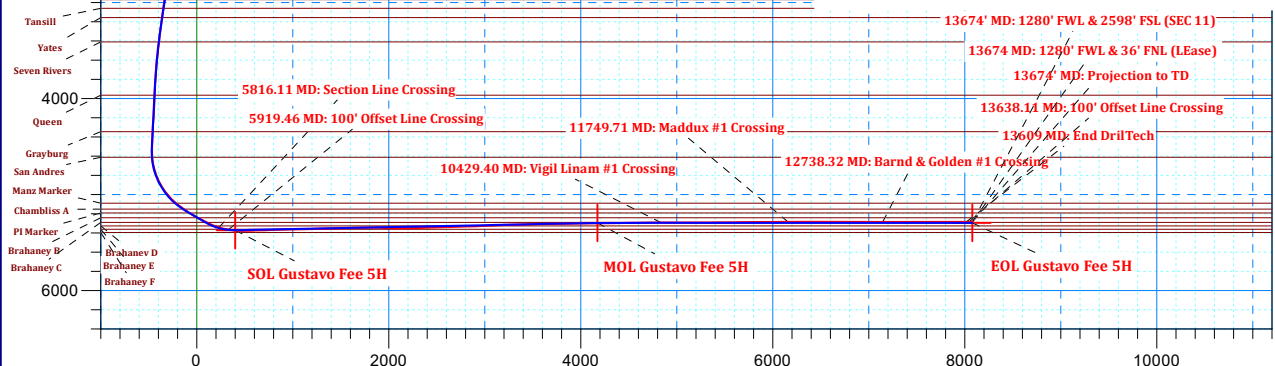
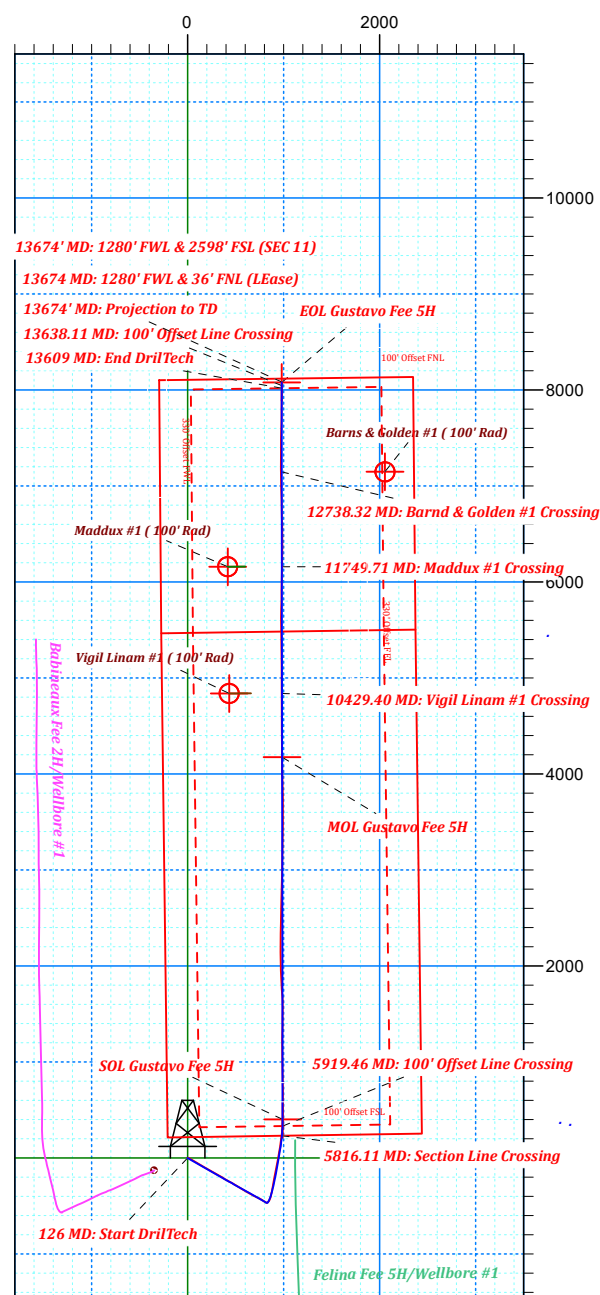
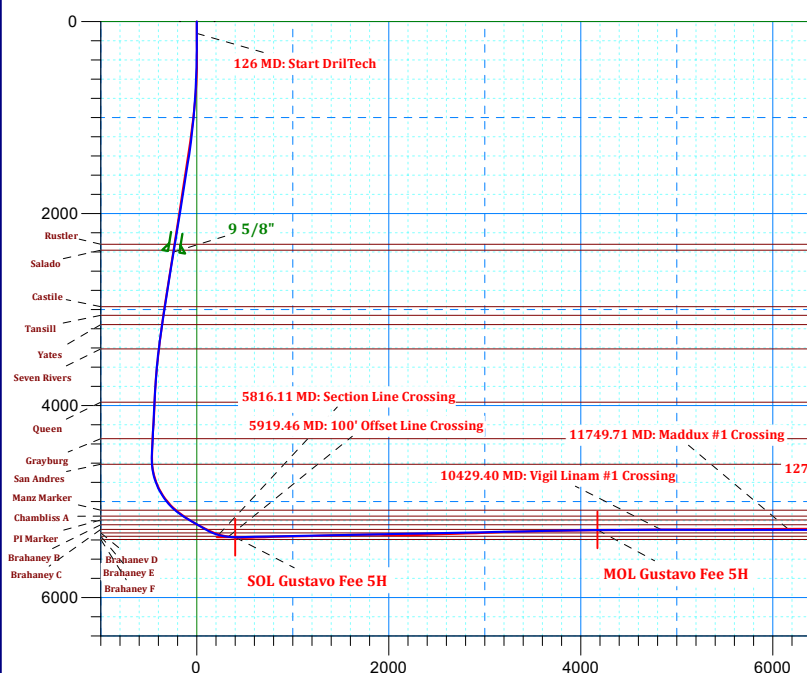
WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting
EOL Gustavo Fee 5H	5297.00	8079.69	980.21	804832.73	927117.93
MOL Gustavo Fee 5H	5297.00	4176.33	985.50	800929.38	927123.23
SOL Gustavo Fee 5H	5372.00	403.35	990.57	797156.41	927128.30



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	119.50	1480.36	-92.06	162.71	1.50	-92.29
3202.99	18.00	119.50	3100.00	-351.20	620.74	0.00	-352.06
4002.99	6.00	119.50	3881.09	-432.95	765.24	1.50	-434.02
4646.87	6.00	119.50	4521.44	-466.10	823.82	0.00	-467.25
5423.84	60.00	10.00	5166.59	-120.15	928.01	8.00	-121.45
5673.84	60.00	10.00	5291.59	93.06	965.61	0.00	91.72
5999.72	91.14	359.92	5372.00	403.35	990.57	10.00	401.97
9773.45	91.14	359.92	5297.00	4176.33	985.50	0.00	4174.95
9830.81	89.99	359.92	5296.43	4233.69	985.42	2.00	4232.31
13676.81	89.99	359.92	5297.00	8079.69	980.21	0.00	8078.31



Vertical Section at 359.92° (2000 ft/in)

Steward Energy II, LLC

Lea County, NM (NAD 83) NM East Zone

Gustavo Fee 5H

Gustavo Fee 5H

Wellbore #1

Survey: DrilterchSurvey

Standard Survey Report

21 July, 2021

Survey Report

Company:	Steward Energy II, LLC	Local Co-ordinate Reference:	Well Gustavo Fee 5H
Project:	Lea County, NM (NAD 83) NM East Zone	TVD Reference:	GL 3801' + RKB 17' @ 3818.00ft
Site:	Gustavo Fee 5H	MD Reference:	GL 3801' + RKB 17' @ 3818.00ft
Well:	Gustavo Fee 5H	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	Gustavo Fee 5H		
Site Position:		Northing:	796,753.06 usft
From:	Map	Easting:	926,137.73 usft
Position Uncertainty:	0.00 ft	Slot Radius:	13.200 in
		Latitude:	33.184
		Longitude:	-103.076

Well	Gustavo Fee 5H		
Well Position	+N/-S	0.00 ft	Northing:
	+E/-W	0.00 ft	Easting:
Position Uncertainty	0.00 ft	Wellhead Elevation:	ft
Grid Convergence:	0.69 °	Latitude:	33.184
		Longitude:	-103.076
		Ground Level:	3,801.00 ft

Wellbore	Wellbore #1		
Magnetics	Model Name	Sample Date	Declination
			(°)
	IGRF2020	7/6/2021	6.37
			Dip Angle (°)
			60.84
			Field Strength (nT)
			48,101.09000432

Design	Wellbore #1		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(ft)	(ft)	(ft)
	0.00	0.00	0.00
			Direction (°)
			359.92

Survey Program	Date	7/21/2021		
From	To	Survey (Wellbore)	Tool Name	Description
(ft)	(ft)			
126.00	13,674.00	DriltechSurvey (Wellbore #1)	MWD	MWD - Standard

Survey										
Measured	Inclination	Azimuth	Vertical	+N/-S	+E/-W	Vertical	Dogleg	Build	Turn	
Depth	(°)	(°)	Depth	(ft)	(ft)	Section	Rate	Rate	Rate	
(ft)			(ft)			(ft)	(°/100ft)	(°/100ft)	(°/100ft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
126.00	0.70	40.06	126.00	0.59	0.50	0.59	0.56	0.56	0.00	
126 MD: Start DrilTech										
216.00	0.97	33.11	215.99	1.65	1.27	1.65	0.32	0.30	-7.72	
307.00	0.97	70.11	306.98	2.56	2.41	2.55	0.68	0.00	40.66	
399.00	1.93	94.28	398.95	2.70	4.69	2.70	1.22	1.04	26.27	
491.00	3.69	108.61	490.83	1.64	9.04	1.63	2.05	1.91	15.58	
582.00	5.01	115.38	581.57	-0.99	15.40	-1.02	1.55	1.45	7.44	
677.00	6.60	120.74	676.08	-5.56	23.84	-5.60	1.77	1.67	5.64	
770.00	8.09	123.82	768.31	-11.94	33.88	-11.98	1.66	1.60	3.31	

Survey Report

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Site:	Gustavo Fee 5H	MD Reference:	GL 3801' + RKB 17' @ 3818.00ft
Well:	Gustavo Fee 5H	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)
863.00	9.67	123.20	860.20	-19.86	45.85	-19.92	1.70	1.70	-0.67
957.00	11.78	121.18	952.55	-29.15	60.67	-29.23	2.28	2.24	-2.15
1,052.00	13.19	120.39	1,045.30	-39.65	78.31	-39.76	1.50	1.48	-0.83
1,148.00	14.86	119.42	1,138.44	-51.24	98.48	-51.38	1.76	1.74	-1.01
1,243.00	16.53	120.30	1,229.89	-64.04	120.77	-64.21	1.78	1.76	0.93
1,338.00	16.80	120.21	1,320.90	-77.77	144.30	-77.97	0.29	0.28	-0.09
1,434.00	16.88	119.77	1,412.78	-91.67	168.39	-91.91	0.16	0.08	-0.46
1,529.00	16.88	118.81	1,503.69	-105.17	192.44	-105.44	0.29	0.00	-1.01
1,624.00	16.97	120.04	1,594.58	-118.75	216.53	-119.06	0.39	0.09	1.29
1,717.00	16.97	120.04	1,683.53	-132.34	240.03	-132.68	0.00	0.00	0.00
1,812.00	16.88	119.60	1,774.41	-146.10	264.02	-146.46	0.16	-0.09	-0.46
1,907.00	16.88	119.68	1,865.32	-159.74	288.00	-160.14	0.02	0.00	0.08
2,001.00	17.06	119.95	1,955.23	-173.38	311.80	-173.81	0.21	0.19	0.29
2,097.00	17.23	120.21	2,046.96	-187.56	336.29	-188.03	0.19	0.18	0.27
2,191.00	17.85	120.39	2,136.59	-201.86	360.75	-202.36	0.66	0.66	0.19
2,285.00	17.67	120.56	2,226.11	-216.40	385.46	-216.94	0.20	-0.19	0.18
2,379.00	17.76	120.39	2,315.65	-230.90	410.11	-231.48	0.11	0.10	-0.18
2,406.00	17.67	120.56	2,341.37	-235.07	417.19	-235.65	0.38	-0.33	0.63
2,524.00	17.15	117.66	2,453.97	-252.25	448.02	-252.88	0.86	-0.44	-2.46
2,587.00	17.06	118.81	2,514.18	-261.02	464.35	-261.67	0.56	-0.14	1.83
2,682.00	16.53	118.72	2,605.13	-274.23	488.41	-274.91	0.56	-0.56	-0.09
2,777.00	17.15	122.76	2,696.06	-288.30	512.04	-289.02	1.39	0.65	4.25
2,873.00	16.62	122.67	2,787.92	-303.37	535.50	-304.12	0.55	-0.55	-0.09
2,966.00	16.71	123.38	2,877.01	-317.91	557.86	-318.69	0.24	0.10	0.76
3,061.00	17.15	121.44	2,967.90	-332.73	581.22	-333.54	0.75	0.46	-2.04
3,155.00	17.15	119.60	3,057.72	-346.80	605.09	-347.65	0.58	0.00	-1.96
3,250.00	17.23	117.93	3,148.47	-360.31	629.70	-361.19	0.53	0.08	-1.76
3,346.00	15.74	115.03	3,240.53	-372.48	654.06	-373.39	1.77	-1.55	-3.02
3,441.00	14.07	115.20	3,332.33	-382.85	676.19	-383.79	1.76	-1.76	0.18
3,536.00	13.45	118.10	3,424.60	-392.97	696.39	-393.94	0.98	-0.65	3.05
3,631.00	12.84	118.98	3,517.11	-403.29	715.37	-404.29	0.68	-0.64	0.93
3,726.00	11.70	120.30	3,609.94	-413.26	732.92	-414.29	1.24	-1.20	1.39
3,821.00	9.50	118.19	3,703.31	-421.83	748.15	-422.87	2.35	-2.32	-2.22
3,916.00	7.65	116.52	3,797.25	-428.36	760.71	-429.42	1.96	-1.95	-1.76
4,011.00	5.89	119.77	3,891.58	-433.60	770.60	-434.68	1.90	-1.85	3.42
4,107.00	5.80	120.65	3,987.08	-438.52	779.05	-439.61	0.13	-0.09	0.92
4,203.00	5.72	120.12	4,082.60	-443.39	787.36	-444.49	0.10	-0.08	-0.55
4,298.00	5.45	123.90	4,177.15	-448.28	795.20	-449.39	0.48	-0.28	3.98
4,394.00	5.36	124.78	4,272.72	-453.38	802.67	-454.50	0.13	-0.09	0.92
4,489.00	5.54	124.17	4,367.29	-458.49	810.11	-459.62	0.20	0.19	-0.64
4,585.00	5.19	122.06	4,462.87	-463.40	817.62	-464.54	0.42	-0.36	-2.20
4,681.00	5.72	79.96	4,558.47	-464.87	826.02	-466.02	4.11	0.55	-43.85
4,713.00	7.30	61.68	4,590.27	-463.63	829.38	-464.78	8.08	4.94	-57.13

Survey Report

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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)	
4,745.00	9.41	54.12	4,621.93	-461.13	833.29	-462.29	7.42	6.59	-23.63	
4,778.00	11.87	48.49	4,654.36	-457.30	838.01	-458.47	8.08	7.45	-17.06	
4,809.00	14.33	42.78	4,684.55	-452.37	843.01	-453.54	8.96	7.94	-18.42	
4,841.00	16.44	37.24	4,715.40	-445.86	848.44	-447.04	8.03	6.59	-17.31	
4,873.00	17.76	30.12	4,745.99	-438.03	853.63	-439.22	7.73	4.13	-22.25	
4,905.00	19.26	21.33	4,776.34	-428.89	858.00	-430.09	9.89	4.69	-27.47	
4,937.00	21.72	15.71	4,806.32	-418.27	861.52	-419.47	9.84	7.69	-17.56	
4,968.00	24.36	14.39	4,834.84	-406.55	864.67	-407.76	8.68	8.52	-4.26	
5,000.00	27.35	13.60	4,863.64	-393.01	868.04	-394.22	9.41	9.34	-2.47	
5,032.00	29.72	13.95	4,891.75	-378.17	871.68	-379.38	7.42	7.41	1.09	
5,063.00	32.27	13.42	4,918.32	-362.66	875.45	-363.88	8.27	8.23	-1.71	
5,095.00	34.56	11.40	4,945.03	-345.45	879.23	-346.68	7.96	7.16	-6.31	
5,126.00	37.02	10.08	4,970.17	-327.64	882.60	-328.87	8.32	7.94	-4.26	
5,158.00	38.87	9.47	4,995.41	-308.25	885.94	-309.48	5.90	5.78	-1.91	
5,190.00	41.06	9.38	5,019.93	-287.97	889.30	-289.21	6.85	6.84	-0.28	
5,221.00	43.88	9.82	5,042.80	-267.34	892.80	-268.58	9.15	9.10	1.42	
5,253.00	46.87	10.08	5,065.27	-244.91	896.73	-246.16	9.36	9.34	0.81	
5,285.00	49.15	10.70	5,086.68	-221.51	901.02	-222.77	7.27	7.13	1.94	
5,317.00	50.83	12.19	5,107.25	-197.49	905.89	-198.76	6.35	5.25	4.66	
5,349.00	53.02	12.55	5,126.99	-172.89	911.29	-174.16	6.90	6.84	1.13	
5,381.00	55.84	11.93	5,145.60	-147.45	916.80	-148.73	8.95	8.81	-1.94	
5,413.00	58.56	11.14	5,162.93	-121.10	922.18	-122.39	8.75	8.50	-2.47	
5,444.00	59.27	10.70	5,178.94	-95.03	927.21	-96.33	2.59	2.29	-1.42	
5,476.00	59.53	10.26	5,195.23	-67.95	932.22	-69.25	1.44	0.81	-1.38	
5,508.00	59.71	10.17	5,211.41	-40.78	937.11	-42.09	0.61	0.56	-0.28	
5,540.00	60.06	9.91	5,227.47	-13.53	941.94	-14.84	1.30	1.09	-0.81	
5,572.00	60.59	9.65	5,243.31	13.87	946.66	12.55	1.80	1.66	-0.81	
5,603.00	61.03	9.47	5,258.43	40.56	951.16	39.23	1.51	1.42	-0.58	
5,635.00	61.38	9.21	5,273.84	68.23	955.71	66.90	1.31	1.09	-0.81	
5,667.00	62.34	9.12	5,288.93	96.09	960.20	94.75	3.01	3.00	-0.28	
5,699.00	64.89	8.59	5,303.15	124.41	964.61	123.06	8.11	7.97	-1.66	
5,731.00	67.45	8.15	5,316.08	153.37	968.87	152.02	8.10	8.00	-1.38	
5,763.00	69.82	7.80	5,327.74	182.88	973.00	181.52	7.48	7.41	-1.09	
5,795.00	72.11	7.80	5,338.17	212.85	977.11	211.48	7.16	7.16	0.00	
5,816.11	73.73	7.34	5,344.37	232.85	979.77	231.48	7.97	7.69	-2.20	
5816.11 MD: Section Line Crossing										
5,827.00	74.57	7.10	5,347.35	243.24	981.08	241.87	7.97	7.69	-2.17	
5,858.00	76.68	6.22	5,355.04	273.07	984.56	271.69	7.34	6.81	-2.84	
5,890.00	78.26	4.81	5,361.98	304.16	987.57	302.78	6.55	4.94	-4.41	
5,919.46	79.64	3.59	5,367.63	333.00	989.68	331.61	6.19	4.69	-4.13	
5919.46 MD: 100' Offset Line Crossing										
5,922.00	79.76	3.49	5,368.09	335.49	989.84	334.11	6.19	4.70	-4.11	
5,954.00	82.04	2.09	5,373.15	367.05	991.37	365.66	8.33	7.13	-4.38	
5,985.00	84.94	1.65	5,376.66	397.83	992.38	396.44	9.46	9.35	-1.42	

Survey Report

Company:	Steward Energy II, LLC	Local Co-ordinate Reference:	Well Gustavo Fee 5H
Project:	Lea County, NM (NAD 83) NM East Zone	TVD Reference:	GL 3801' + RKB 17' @ 3818.00ft
Site:	Gustavo Fee 5H	MD Reference:	GL 3801' + RKB 17' @ 3818.00ft
Well:	Gustavo Fee 5H	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)	
6,016.00	88.02	0.86	5,378.56	428.76	993.06	427.37	10.26	9.94	-2.55	
6,048.00	90.31	0.42	5,379.03	460.75	993.41	459.36	7.29	7.16	-1.38	
6,079.00	90.92	359.98	5,378.70	491.75	993.52	490.36	2.43	1.97	-1.42	
6,111.00	91.36	359.71	5,378.06	523.74	993.44	522.35	1.61	1.38	-0.84	
6,206.00	91.71	359.45	5,375.52	618.70	992.74	617.32	0.46	0.37	-0.27	
6,299.00	91.89	358.83	5,372.59	711.65	991.34	710.26	0.69	0.19	-0.67	
6,393.00	91.28	359.10	5,369.99	805.60	989.65	804.21	0.71	-0.65	0.29	
6,487.00	91.19	359.98	5,367.97	899.57	988.89	898.19	0.94	-0.10	0.94	
6,581.00	91.36	359.80	5,365.88	993.55	988.71	992.16	0.26	0.18	-0.19	
6,675.00	91.01	359.63	5,363.93	1,087.52	988.24	1,086.14	0.41	-0.37	-0.18	
6,769.00	92.33	359.54	5,361.19	1,181.48	987.56	1,180.10	1.41	1.40	-0.10	
6,863.00	92.24	359.89	5,357.45	1,275.40	987.10	1,274.02	0.38	-0.10	0.37	
6,959.00	90.84	1.38	5,354.87	1,371.36	988.16	1,369.98	2.13	-1.46	1.55	
7,054.00	91.36	0.59	5,353.04	1,466.33	989.79	1,464.94	1.00	0.55	-0.83	
7,149.00	91.80	0.77	5,350.42	1,561.28	990.92	1,559.90	0.50	0.46	0.19	
7,244.00	90.57	357.96	5,348.46	1,656.25	989.87	1,654.86	3.23	-1.29	-2.96	
7,340.00	90.75	355.32	5,347.35	1,752.07	984.24	1,750.69	2.76	0.19	-2.75	
7,434.00	89.78	356.37	5,346.92	1,845.81	977.43	1,844.45	1.52	-1.03	1.12	
7,529.00	88.11	357.52	5,348.67	1,940.66	972.37	1,939.30	2.13	-1.76	1.21	
7,645.00	88.90	359.01	5,351.69	2,056.56	968.86	2,055.21	1.45	0.68	1.28	
7,740.00	90.22	0.33	5,352.42	2,151.55	968.31	2,150.20	1.96	1.39	1.39	
7,836.00	90.75	0.59	5,351.61	2,247.55	969.08	2,246.19	0.61	0.55	0.27	
7,931.00	91.80	1.03	5,349.50	2,342.51	970.42	2,341.15	1.20	1.11	0.46	
8,027.00	92.42	1.21	5,345.96	2,438.43	972.30	2,437.07	0.67	0.65	0.19	
8,123.00	91.80	1.21	5,342.43	2,534.34	974.33	2,532.98	0.65	-0.65	0.00	
8,215.00	92.07	1.47	5,339.32	2,626.26	976.48	2,624.90	0.41	0.29	0.28	
8,309.00	91.36	0.94	5,336.51	2,720.20	978.45	2,718.83	0.94	-0.76	-0.56	
8,405.00	91.80	1.65	5,333.86	2,816.14	980.62	2,814.77	0.87	0.46	0.74	
8,499.00	92.42	1.82	5,330.40	2,910.03	983.46	2,908.65	0.68	0.66	0.18	
8,594.00	92.42	1.56	5,326.39	3,004.90	986.26	3,003.52	0.27	0.00	-0.27	
8,689.00	92.51	0.07	5,322.30	3,099.80	987.61	3,098.42	1.57	0.09	-1.57	
8,783.00	90.92	0.50	5,319.49	3,193.76	988.08	3,192.37	1.75	-1.69	0.46	
8,878.00	91.19	0.68	5,317.74	3,288.74	989.06	3,287.35	0.34	0.28	0.19	
8,973.00	91.71	1.12	5,315.34	3,383.69	990.55	3,382.31	0.72	0.55	0.46	
9,063.00	91.89	0.77	5,312.51	3,473.64	992.03	3,472.25	0.44	0.20	-0.39	
9,155.00	91.19	359.98	5,310.04	3,565.60	992.64	3,564.21	1.15	-0.76	-0.86	
9,246.00	91.36	0.15	5,308.01	3,656.58	992.74	3,655.19	0.26	0.19	0.19	
9,338.00	91.71	359.80	5,305.55	3,748.54	992.70	3,747.15	0.54	0.38	-0.38	
9,429.00	90.66	358.75	5,303.66	3,839.51	991.55	3,838.13	1.63	-1.15	-1.15	
9,520.00	90.75	358.57	5,302.54	3,930.48	989.42	3,929.10	0.22	0.10	-0.20	
9,610.00	91.01	358.83	5,301.16	4,020.45	987.38	4,019.07	0.41	0.29	0.29	
9,702.00	91.10	359.01	5,299.47	4,112.42	985.65	4,111.04	0.22	0.10	0.20	
9,797.00	89.69	358.92	5,298.81	4,207.40	983.93	4,206.02	1.49	-1.48	-0.09	

Survey Report

Company:	Steward Energy II, LLC	Local Co-ordinate Reference:	Well Gustavo Fee 5H
Project:	Lea County, NM (NAD 83) NM East Zone	TVD Reference:	GL 3801' + RKB 17' @ 3818.00ft
Site:	Gustavo Fee 5H	MD Reference:	GL 3801' + RKB 17' @ 3818.00ft
Well:	Gustavo Fee 5H	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)
9,891.00	90.04	359.54	5,299.04	4,301.39	982.67	4,300.01	0.76	0.37	0.66
9,986.00	91.10	0.15	5,298.09	4,396.38	982.41	4,395.00	1.29	1.12	0.64
10,080.00	90.75	0.07	5,296.57	4,490.37	982.59	4,488.99	0.38	-0.37	-0.09
10,174.00	89.78	359.54	5,296.14	4,584.37	982.27	4,582.99	1.18	-1.03	-0.56
10,269.00	90.75	359.71	5,295.70	4,679.36	981.65	4,677.99	1.04	1.02	0.18
10,364.00	89.43	0.07	5,295.55	4,774.36	981.47	4,772.98	1.44	-1.39	0.38
10,429.40	89.98	0.01	5,295.89	4,839.76	981.51	4,838.38	0.85	0.84	-0.10
10429.40 MD: Vigil Linam #1 Crossing									
10,458.00	90.22	359.98	5,295.84	4,868.36	981.51	4,866.98	0.85	0.84	-0.10
10,550.00	91.19	0.24	5,294.70	4,960.35	981.68	4,958.97	1.09	1.05	0.28
10,644.00	90.75	359.27	5,293.11	5,054.33	981.28	5,052.96	1.13	-0.47	-1.03
10,739.00	90.57	359.19	5,292.02	5,149.32	980.00	5,147.94	0.21	-0.19	-0.08
10,834.00	89.60	358.83	5,291.88	5,244.30	978.36	5,242.93	1.09	-1.02	-0.38
10,928.00	90.22	359.27	5,292.03	5,338.29	976.80	5,336.92	0.81	0.66	0.47
11,023.00	91.01	359.27	5,291.01	5,433.28	975.59	5,431.91	0.83	0.83	0.00
11,119.00	90.13	0.07	5,290.05	5,529.27	975.04	5,527.90	1.24	-0.92	0.83
11,214.00	90.31	0.86	5,289.69	5,624.26	975.81	5,622.89	0.85	0.19	0.83
11,309.00	90.84	0.86	5,288.73	5,719.25	977.24	5,717.88	0.56	0.56	0.00
11,404.00	90.48	0.59	5,287.64	5,814.23	978.44	5,812.86	0.47	-0.38	-0.28
11,499.00	89.60	1.03	5,287.57	5,909.22	979.78	5,907.85	1.04	-0.93	0.46
11,595.00	90.04	1.12	5,287.87	6,005.20	981.58	6,003.83	0.47	0.46	0.09
11,689.00	90.57	1.47	5,287.37	6,099.18	983.71	6,097.80	0.68	0.56	0.37
11,749.71	90.22	1.30	5,286.95	6,159.87	985.18	6,158.49	0.63	-0.57	-0.28
11749.71 MD: Maddux #1 Crossing									
11,782.00	90.04	1.21	5,286.88	6,192.15	985.88	6,190.77	0.63	-0.57	-0.28
11,878.00	89.78	1.03	5,287.03	6,288.13	987.76	6,286.75	0.33	-0.27	-0.19
11,973.00	90.57	0.15	5,286.74	6,383.13	988.74	6,381.74	1.24	0.83	-0.93
12,069.00	90.13	358.40	5,286.15	6,479.11	987.52	6,477.73	1.88	-0.46	-1.82
12,164.00	89.69	358.40	5,286.30	6,574.07	984.87	6,572.69	0.46	-0.46	0.00
12,259.00	89.96	358.75	5,286.59	6,669.04	982.51	6,667.67	0.47	0.28	0.37
12,354.00	90.66	359.19	5,286.08	6,764.03	980.80	6,762.65	0.87	0.74	0.46
12,449.00	89.43	359.01	5,286.00	6,859.01	979.31	6,857.64	1.31	-1.29	-0.19
12,543.00	90.04	358.66	5,286.44	6,952.99	977.40	6,951.62	0.75	0.65	-0.37
12,636.00	90.40	358.83	5,286.08	7,045.97	975.36	7,044.60	0.43	0.39	0.18
12,732.00	89.60	359.27	5,286.08	7,141.95	973.77	7,140.59	0.95	-0.83	0.46
12,738.32	89.64	359.34	5,286.12	7,148.27	973.69	7,146.91	1.24	0.67	1.04
12738.32 MD: Barnd & Golden #1 Crossing									
12,825.00	90.22	0.24	5,286.23	7,234.95	973.37	7,233.59	1.24	0.67	1.04
12,920.00	89.43	0.07	5,286.52	7,329.95	973.63	7,328.58	0.85	-0.83	-0.18
13,014.00	90.13	0.42	5,286.88	7,423.95	974.03	7,422.58	0.83	0.74	0.37
13,109.00	89.60	1.03	5,287.10	7,518.94	975.23	7,517.57	0.85	-0.56	0.64
13,203.00	90.48	1.38	5,287.04	7,612.92	977.21	7,611.55	1.01	0.94	0.37
13,299.00	89.34	0.50	5,287.19	7,708.90	978.78	7,707.53	1.50	-1.19	-0.92
13,394.00	89.87	0.94	5,287.84	7,803.89	979.98	7,802.52	0.73	0.56	0.46

Survey Report

Company:	Steward Energy II, LLC	Local Co-ordinate Reference:	Well Gustavo Fee 5H
Project:	Lea County, NM (NAD 83) NM East Zone	TVD Reference:	GL 3801' + RKB 17' @ 3818.00ft
Site:	Gustavo Fee 5H	MD Reference:	GL 3801' + RKB 17' @ 3818.00ft
Well:	Gustavo Fee 5H	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)
13,489.00	90.57	0.94	5,287.48	7,898.88	981.54	7,897.50	0.74	0.74	0.00
13,584.00	90.57	0.94	5,286.53	7,993.86	983.09	7,992.48	0.00	0.00	0.00
13,609.00	90.75	0.86	5,286.24	8,018.86	983.49	8,017.47	0.79	0.72	-0.32
13609 MD: End DrilTech									
13,638.11	90.75	0.86	5,285.86	8,047.96	983.92	8,046.58	0.00	0.00	0.00
13638.11 MD: 100' Offset Line Crossing									
13,674.00	90.75	0.86	5,285.39	8,083.84	984.46	8,082.46	0.00	0.00	0.00
13674' MD: Projection to TD - 13674 MD: 1280' FWL & 36' FNL (LEase) - 13674' MD: 1280' FWL & 2598' FSL (SEC 11)									

Survey Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
126.00	126.00	0.59	0.50	126 MD: Start DrilTech
5,816.11	5,344.37	232.85	979.77	5816.11 MD: Section Line Crossing
5,919.46	5,367.63	333.00	989.68	5919.46 MD: 100' Offset Line Crossing
10,429.40	5,295.89	4,839.76	981.51	10429.40 MD: Vigil Linam #1 Crossing
11,749.71	5,286.95	6,159.87	985.18	11749.71 MD: Maddux #1 Crossing
12,738.32	5,286.12	7,148.27	973.69	12738.32 MD: Barnd & Golden #1 Crossing
13,609.00	5,286.24	8,018.86	983.49	13609 MD: End DrilTech
13,638.11	5,285.86	8,047.96	983.92	13638.11 MD: 100' Offset Line Crossing
13,674.00	5,285.39	8,083.84	984.46	13674' MD: Projection to TD
13,674.00	5,285.39	8,083.84	984.46	13674 MD: 1280' FWL & 36' FNL (LEase)
13,674.00	5,285.39	8,083.84	984.46	13674' MD: 1280' FWL & 2598' FSL (SEC 11)

Checked By: _____ Approved By: _____ Date: _____

Energy, Minerals and Natural Resources

Revised April 3, 2017

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

1. WELL API NO.

30-025-48982

2. Type of Lease

☐ STATE ☒ FEE ☐ FED/INDIAN

3. State Oil & Gas Lease No.

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

Steward Energy

9. OGRID

371682

10. Address of Operator

2600 Dallas Parkway, Suite 400 Frisco, TX 75034

11. Pool name or Wildcat

7500

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	D	23	13S	38E		219	NORTH	204	WEST	LEA
BH:	L	11	13S	38E		2598	SOUTH	1280	WEST	LEA

13. Date Spudded
07/12/202114. Date T.D. Reached
07/21/202115. Date Rig Released
07/25/202116. Date Completed (Ready to Produce)
08/12/202117. Elevations (DF and RKB,
RT, GR, etc.) 3801 GR18. Total Measured Depth of Well
1367419. Plug Back Measured Depth
1364820. Was Directional Survey Made?
YES - submitted w/C10421. Type Electric and Other Logs Run
NA22. Producing Interval(s), of this completion - Top, Bottom, Name
5287 - 5368 Brahaney E

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
Surf 9.625"	36 J-55	2468	12.25	LEAD 730 SKS CLASS C TAIL 250 SKS C NEAT CIRCULATED	
Prod Tapered String 7"	29 L-80	4625	8.5	Shown below	
Prod Tapered String 5.5"	20 L-80	13674	8.5	LEAD 900 SKS 50/50 POZ C TAIL 2650 SKS 50/50 POZ C CIRCULATED	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8	5601	NA

26. Perforation record (interval, size, and number)

- 5928-13575
- 30 stgs x3
- .42"

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL

AMOUNT AND KIND MATERIAL USED

5928-13575

HCL, PROP, Chemicals, Slickwater

28. PRODUCTION

Date First Production
08/14/2021Production Method (Flowing, gas lift, pumping - Size and type pump)
Pumping ESP - Summit ESPWell Status (Prod. or Shut-in)
PROD

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
09/25/2021	24	64/64		1164	734	3766	
Flow Tubing Press.	Casing Pressure	Calculated 24- Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
311	227		1164	734	3766	31.7	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

30. Test Witnessed By
Rick Fields - SEII31. List Attachments
Perfs32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.
NA33. Rig Release Date:
08/12/202134. If an on-site burial was used at the well, report the exact location of the on-site burial:
NA

Latitude

Longitude

NAD83

Signature 	Printed Name Holly Pankratz	Title TECH	Date 11/4/2021
E-mail Address holly.pankratz@stewardenergy.net			

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 <u>2321</u>	T. Canyon	T. Ojo Alamo	T. Penn. A"
T. Salt <u>2383</u>	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt <u>3061</u>	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates <u>3158</u>	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers <u>3410</u>	T. Devonian	T. Cliff House	T. Leadville
T. Queen <u>3967</u>	T. Silurian	T. Menefee	T. Madison
T. Grayburg <u>4347</u>	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres <u>4613</u>	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 In Feet	Lithology	From	To	Thickness In Feet	Lithology
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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 60323

ACKNOWLEDGMENTS

Operator: STEWARD ENERGY II, LLC 2600 Dallas Parkway Frisco, TX 75034	OGRID: 371682
	Action Number: 60323
	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 60323

CONDITIONS

Operator: STEWARD ENERGY II, LLC 2600 Dallas Parkway Frisco, TX 75034	OGRID: 371682
	Action Number: 60323
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CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	11/17/2021