

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 Devon Energy Production Company, L.P. 333 West Sheridan, Oklahoma City, OK 73102		² OGRID Number 6137	
		³ Reason for Filing Code/ Effective Date NW / 7/13/21	
⁴ API Number 30-025-47706	⁵ Pool Name ; WC-025 G-08 S243217P; UPR WOLFCAMP		⁶ Pool Code 98248
⁷ Property Code 329884	⁸ Property Name BOUNDARY RAIDER 6 18 FEDERAL COM		⁹ Well Number 712H

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
3	6	23S	32E		250	North	2435	West	LEA

¹¹ Bottom Hole Location

UL or lot no. O	Section 18	Township 23S	Range 32E	Lot Idn	Feet from the 60	North/South line South	Feet from the 2289	East/West line East	County LEA
¹² Lse Code F	¹³ Producing Method Code		¹⁴ Gas Connection Date 7/13/21		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
320009	EnLink Midstream Operating, LP 2501 Cedar Springs Road, Suite 100, Dallas, TX 75201	Oil
036785	DCP Midstream P.O. Box 50020 Midland, TX 79710-0020	Gas

IV. Well Completion Data

²¹ Spud Date 12/5/20	²² Ready Date 7/13/21	²³ TD 27570	²⁴ BBL MD/ 12144.8 TVD	²⁵ Perforations 12100 - 27500	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement
17.5		13.375	840		850
9.625		8 5/8	11510.7		1980
7.875		5.5	27553		3940
		Tubing: n/a			

V. Well Test Data

³¹ Date New Oil 7/18/21	³² Gas Delivery Date 7/18/21	³³ Test Date 7/18/21	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure psi	³⁶ Csg. Pressure psi
³⁷ Choke Size	³⁸ Oil 3643 bbl	³⁹ Water 9046 bbl	⁴⁰ Gas 8330 mcf		⁴¹ Test Method
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: 			OIL CONSERVATION DIVISION		
Printed name: Jenny Harms			Approved by: KURT SIMMONS		
Title: Regulatory Specialist			Title: NM OCD, SANTA FE		
E-mail Address: jenny.harms@div.com			Approval Date: 08/31/2021		
Date: 7/26/2021		Phone: 405-552-6560			

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: (505) 748-1283 Fax: (505) 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
AS-DRILLED

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-47706	² Pool Code 98248	³ Pool Name WC-025 G-08 S243217P; UPR WOLFCAMP
⁴ Property Code 329884	⁵ Property Name BOUNDARY RAIDER 6-18 FED COM	
⁷ OGRID No. 6137	⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	⁶ Well Number 712H
		⁹ Elevation 3527.5

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
3	6	23 S	32 E		250	NORTH	2435	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
O	18	23 S	32 E		60	SOUTH	2289	EAST	LEA

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
479.71			

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.

	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. <i>Jenny Harms</i> 7-27-2021 Signature Date Jenny Harms Printed Name Jenny.Harms@dvn.com E-mail Address ¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. JULY 20, 2021 Date of Survey <i>William F. Jaramila</i> Signature and Seal of Professional Surveyor Certificate Number: FILMOUNT SURV-PLS 12797 SURVEY NO. 8350
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Intent ☐ As Drilled ☒

API #		
Operator Name: DEVON ENERGY PRODUCTION CO., L.P.	Property Name: BOUNDARY RAIDER 6-18 FED COM	Well Number 712H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
	6	23S	32E	2	106	NORTH	2419	EAST	LEA
Latitude 32.3404498					Longitude 103.7131181				NAD 83

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
	6	23S	32E	2	329	NORTH	2398	EAST	LEA
Latitude 32.3398361					Longitude 103.7130476				NAD 83

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
O	18	23S	32E		130	SOUTH	2287	EAST	LEA
Latitude 32.2975935					Longitude 103.7126086				NAD 83

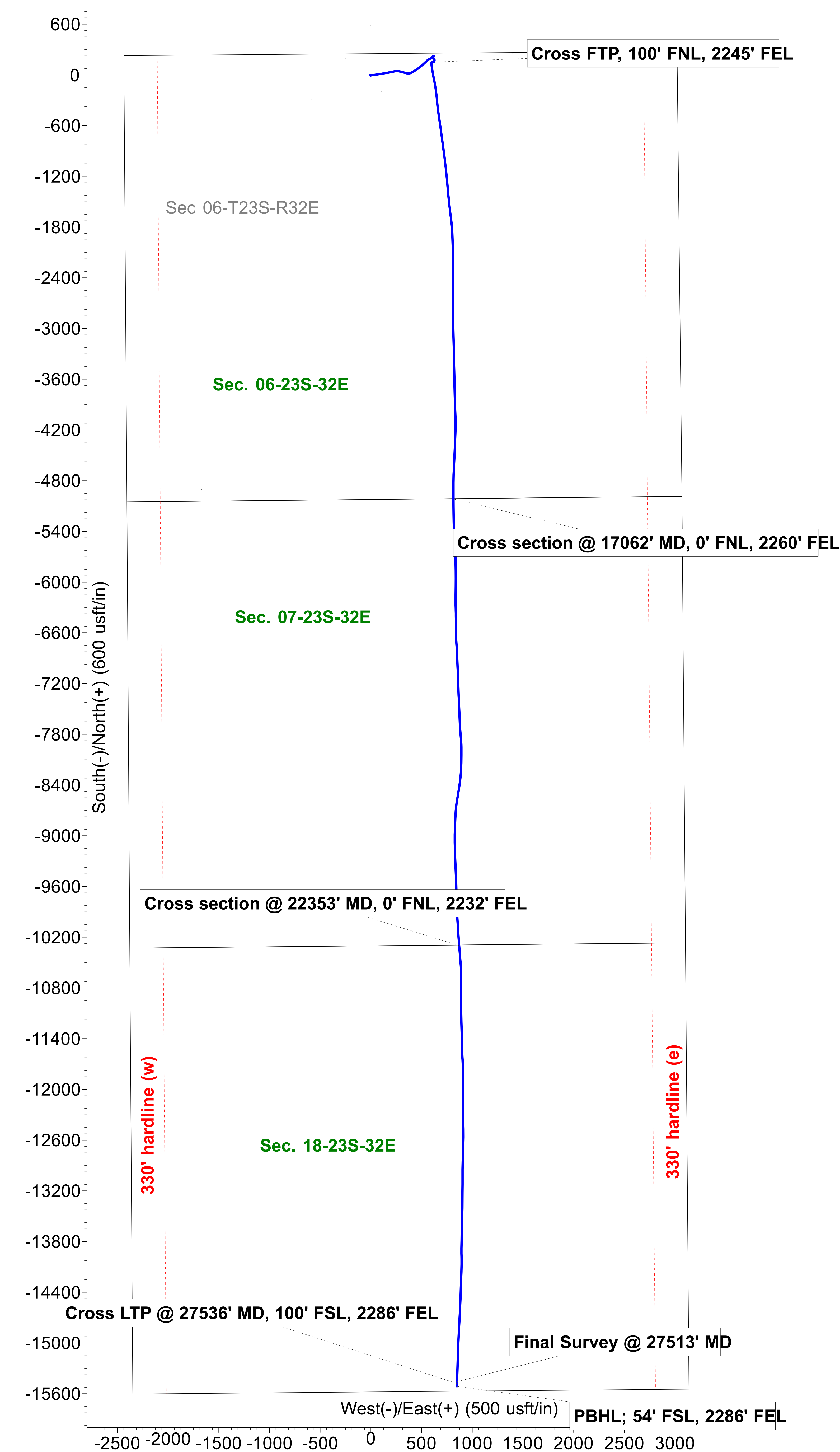
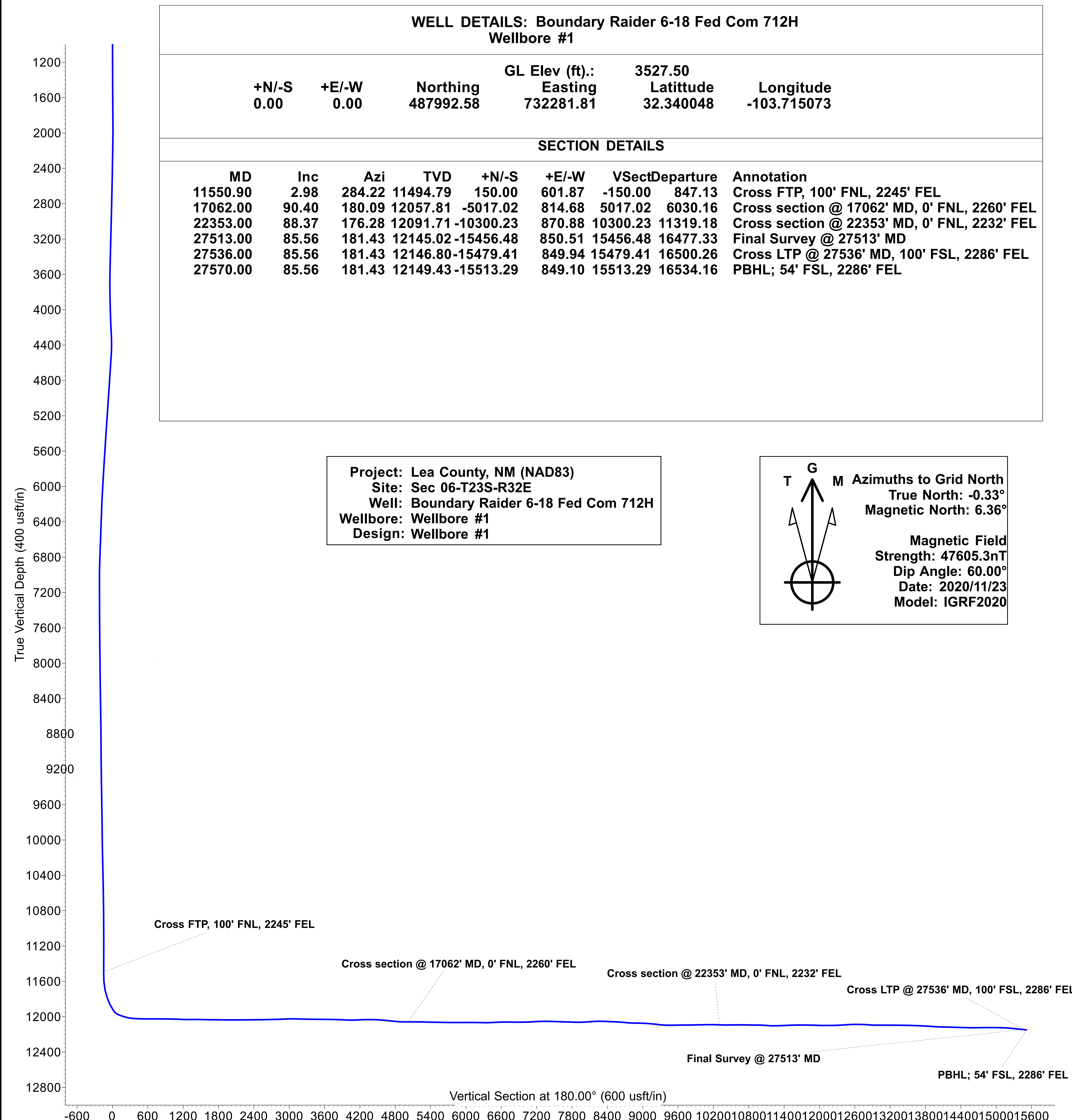
Is this well the defining well for the Horizontal Spacing Unit? ☒Is this well an infill well? ☐

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

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018

Boundary Raider 6-18 Fed Com 712H





DEVON ENERGY

Lea County, NM (NAD83)

Sec 06-T23S-R32E

Boundary Raider 6-18 Fed Com 712H

Wellbore #1

Design: Wellbore #1

Survey Report - Geographic

01 February, 2021





SB Directional

Survey Report - Geographic



Company:	DEVON ENERGY	Local Co-ordinate Reference:	Well Boundary Raider 6-18 Fed Com 712H
Project:	Lea County, NM (NAD83)	TVD Reference:	RKB @ 3550.50usft
Site:	Sec 06-T23S-R32E	MD Reference:	RKB @ 3550.50usft
Well:	Boundary Raider 6-18 Fed Com 712H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.16 Single User Db

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

Site		Sec 06-T23S-R32E			
Site Position:		Northing:	488,219.63 usft	Latitude:	32.340711
From:	Map	Easting:	729,845.81 usft	Longitude:	-103.722956
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.33 °

Well		Boundary Raider 6-18 Fed Com 712H				
Well Position	+N/-S	0.00 usft	Northing:	487,992.58 usft	Latitude:	32.340048
	+E/-W	0.00 usft	Easting:	732,281.81 usft	Longitude:	-103.715073
Position Uncertainty		0.50 usft	Wellhead Elevation:	usft	Ground Level:	3,527.50 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	2020/11/23	6.69	60.00	47,605.30914158

Design	Wellbore #1				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00	180.00	

Survey Program	Date	2021/02/01			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
204.00	27,570.00	MWD (Wellbore #1)	MWD+HDGM	OWSG MWD + HDGM	

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
0.00	0.00	0.00	0.00	0.00	0.00	487,992.58	732,281.81	32.340048	-103.715073
204.00	0.53	260.95	204.00	-0.15	-0.93	487,992.43	732,280.87	32.340048	-103.715076
295.00	0.31	278.18	294.99	-0.18	-1.59	487,992.40	732,280.22	32.340048	-103.715078
385.00	0.35	261.65	384.99	-0.18	-2.10	487,992.40	732,279.70	32.340048	-103.715080
477.00	0.62	272.81	476.99	-0.20	-2.88	487,992.38	732,278.93	32.340048	-103.715082
568.00	0.48	258.75	567.99	-0.25	-3.74	487,992.33	732,278.06	32.340047	-103.715085
660.00	0.53	285.38	659.98	-0.21	-4.53	487,992.37	732,277.27	32.340048	-103.715088
752.00	0.66	272.90	751.98	-0.07	-5.47	487,992.51	732,276.33	32.340048	-103.715091
867.00	0.35	285.40	866.97	0.05	-6.47	487,992.63	732,275.33	32.340048	-103.715094
958.00	0.13	216.14	957.97	0.04	-6.80	487,992.62	732,275.00	32.340048	-103.715095
1,050.00	0.26	151.19	1,049.97	-0.22	-6.76	487,992.36	732,275.04	32.340048	-103.715095
1,141.00	0.40	133.18	1,140.97	-0.62	-6.43	487,991.96	732,275.38	32.340046	-103.715094



SB Directional
Survey Report - Geographic



Company:	DEVON ENERGY	Local Co-ordinate Reference:	Well Boundary Raider 6-18 Fed Com 712H
Project:	Lea County, NM (NAD83)	TVD Reference:	RKB @ 3550.50usft
Site:	Sec 06-T23S-R32E	MD Reference:	RKB @ 3550.50usft
Well:	Boundary Raider 6-18 Fed Com 712H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.16 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
1,232.00	0.44	137.57	1,231.97	-1.10	-5.96	487,991.48	732,275.84	32.340045	-103.715092
1,322.00	0.53	133.97	1,321.96	-1.64	-5.43	487,990.94	732,276.38	32.340044	-103.715091
1,414.00	0.62	137.57	1,413.96	-2.30	-4.79	487,990.28	732,277.02	32.340042	-103.715089
1,509.00	0.48	146.45	1,508.96	-3.02	-4.22	487,989.57	732,277.58	32.340040	-103.715087
1,604.00	0.66	167.28	1,603.95	-3.88	-3.88	487,988.70	732,277.92	32.340037	-103.715086
1,699.00	0.75	178.44	1,698.94	-5.04	-3.74	487,987.54	732,278.06	32.340034	-103.715085
1,794.00	0.84	179.85	1,793.93	-6.35	-3.73	487,986.23	732,278.08	32.340031	-103.715085
1,888.00	0.84	179.41	1,887.92	-7.73	-3.72	487,984.85	732,278.09	32.340027	-103.715085
1,983.00	1.01	88.00	1,982.92	-8.40	-2.87	487,984.18	732,278.93	32.340025	-103.715082
2,077.00	4.57	66.47	2,076.79	-6.87	1.39	487,985.71	732,283.20	32.340029	-103.715069
2,172.00	6.42	75.70	2,171.35	-4.05	10.01	487,988.53	732,291.81	32.340037	-103.715041
2,267.00	8.40	80.97	2,265.56	-1.65	22.01	487,990.93	732,303.81	32.340043	-103.715002
2,362.00	9.58	82.11	2,359.39	0.52	36.69	487,993.10	732,318.50	32.340049	-103.714954
2,456.00	10.07	80.09	2,452.01	3.01	52.54	487,995.59	732,334.34	32.340056	-103.714903
2,550.00	10.20	79.04	2,544.54	6.01	68.80	487,998.59	732,350.61	32.340064	-103.714850
2,645.00	10.15	79.65	2,638.05	9.11	85.29	488,001.69	732,367.10	32.340072	-103.714797
2,739.00	10.46	79.39	2,730.53	12.17	101.83	488,004.75	732,383.64	32.340080	-103.714743
2,834.00	10.15	79.21	2,824.00	15.33	118.53	488,007.91	732,400.33	32.340088	-103.714689
2,929.00	10.07	79.12	2,917.52	18.46	134.91	488,011.04	732,416.71	32.340097	-103.714636
3,023.00	9.89	77.54	3,010.10	21.75	150.86	488,014.33	732,432.67	32.340105	-103.714584
3,118.00	9.93	76.40	3,103.68	25.44	166.79	488,018.02	732,448.59	32.340115	-103.714532
3,213.00	9.49	76.40	3,197.32	29.21	182.36	488,021.79	732,464.17	32.340125	-103.714482
3,306.00	9.23	76.22	3,289.08	32.79	197.06	488,025.37	732,478.86	32.340135	-103.714434
3,400.00	8.66	77.45	3,381.94	36.12	211.29	488,028.70	732,493.09	32.340144	-103.714388
3,495.00	8.31	75.08	3,475.90	39.44	224.90	488,032.02	732,506.71	32.340153	-103.714344
3,590.00	7.60	77.28	3,569.99	42.59	237.66	488,035.17	732,519.47	32.340161	-103.714303
3,684.00	7.43	84.22	3,663.18	44.57	249.77	488,037.15	732,531.58	32.340167	-103.714263
3,778.00	7.91	95.21	3,756.34	44.60	262.26	488,037.18	732,544.07	32.340167	-103.714223
3,873.00	8.62	103.21	3,850.36	42.38	275.70	488,034.96	732,557.51	32.340160	-103.714180
3,967.00	7.56	102.94	3,943.42	39.38	288.59	488,031.96	732,570.40	32.340152	-103.714138
4,062.00	9.58	104.17	4,037.36	36.05	302.35	488,028.63	732,584.15	32.340142	-103.714093
4,156.00	10.37	110.85	4,129.94	31.12	317.84	488,023.70	732,599.64	32.340129	-103.714043
4,251.00	11.82	113.05	4,223.16	24.27	334.78	488,016.85	732,616.59	32.340109	-103.713989
4,346.00	13.05	105.40	4,315.94	17.61	354.08	488,010.19	732,635.88	32.340091	-103.713926
4,440.00	12.26	84.40	4,407.70	15.77	374.25	488,008.35	732,656.06	32.340085	-103.713861
4,535.00	10.68	62.42	4,500.85	20.83	392.10	488,013.41	732,673.91	32.340099	-103.713803
4,629.00	9.71	53.72	4,593.37	29.55	406.21	488,022.13	732,688.02	32.340123	-103.713757
4,723.00	9.41	53.02	4,686.06	38.87	418.74	488,031.45	732,700.55	32.340148	-103.713716
4,818.00	9.41	53.20	4,779.78	48.19	431.17	488,040.77	732,712.97	32.340174	-103.713676
4,912.00	9.14	52.23	4,872.55	57.36	443.22	488,049.95	732,725.03	32.340199	-103.713637
5,007.00	8.79	51.61	4,966.39	66.49	454.87	488,059.07	732,736.68	32.340224	-103.713599
5,102.00	8.62	50.21	5,060.30	75.56	466.03	488,068.14	732,747.84	32.340248	-103.713563
5,196.00	8.35	47.92	5,153.27	84.64	476.51	488,077.22	732,758.32	32.340273	-103.713529
5,290.00	8.48	45.55	5,246.26	94.07	486.53	488,086.65	732,768.33	32.340299	-103.713496
5,385.00	8.48	43.79	5,340.22	104.03	496.37	488,096.61	732,778.18	32.340326	-103.713464
5,480.00	7.96	43.44	5,434.24	113.86	505.74	488,106.44	732,787.55	32.340353	-103.713433
5,574.00	7.47	43.09	5,527.39	123.05	514.39	488,115.63	732,796.20	32.340378	-103.713405
5,669.00	7.25	41.77	5,621.61	132.03	522.61	488,124.61	732,804.41	32.340403	-103.713378
5,763.00	6.73	42.82	5,714.91	140.49	530.30	488,133.08	732,812.11	32.340426	-103.713353
5,857.00	6.86	41.24	5,808.25	148.76	537.75	488,141.34	732,819.55	32.340448	-103.713329
5,952.00	6.95	41.42	5,902.56	157.33	545.29	488,149.91	732,827.09	32.340472	-103.713305
6,046.00	6.64	41.95	5,995.90	165.64	552.68	488,158.22	732,834.49	32.340495	-103.713280
6,141.00	5.98	38.78	6,090.33	173.58	559.45	488,166.16	732,841.26	32.340516	-103.713258
6,236.00	6.59	59.26	6,184.77	180.23	567.24	488,172.81	732,849.05	32.340534	-103.713233
6,330.00	6.02	57.41	6,278.20	185.64	576.03	488,178.22	732,857.84	32.340549	-103.713204



SB Directional

Survey Report - Geographic



Company:	DEVON ENERGY	Local Co-ordinate Reference:	Well Boundary Raider 6-18 Fed Com 712H
Project:	Lea County, NM (NAD83)	TVD Reference:	RKB @ 3550.50usft
Site:	Sec 06-T23S-R32E	MD Reference:	RKB @ 3550.50usft
Well:	Boundary Raider 6-18 Fed Com 712H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.16 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
6,424.00	5.76	57.85	6,371.70	190.80	584.18	488,183.38	732,865.98	32.340563	-103.713178
6,519.00	5.76	57.94	6,466.22	195.87	592.25	488,188.45	732,874.06	32.340577	-103.713152
6,614.00	5.54	55.74	6,560.76	200.98	600.08	488,193.56	732,881.89	32.340591	-103.713126
6,709.00	5.45	55.31	6,655.32	206.13	607.58	488,198.71	732,889.39	32.340605	-103.713102
6,804.00	5.14	52.76	6,749.92	211.28	614.68	488,203.86	732,896.49	32.340619	-103.713079
6,898.00	3.69	38.34	6,843.64	216.20	619.91	488,208.78	732,901.72	32.340632	-103.713062
6,993.00	2.11	34.91	6,938.51	220.03	622.81	488,212.61	732,904.61	32.340643	-103.713052
7,088.00	0.31	30.43	7,033.49	221.68	623.94	488,214.27	732,905.74	32.340648	-103.713049
7,182.00	0.75	234.16	7,127.49	221.54	623.57	488,214.12	732,905.37	32.340647	-103.713050
7,277.00	1.45	250.51	7,222.47	220.78	621.93	488,213.36	732,903.74	32.340645	-103.713055
7,372.00	1.67	255.87	7,317.43	220.04	619.45	488,212.62	732,901.26	32.340643	-103.713063
7,466.00	1.71	262.64	7,411.39	219.53	616.74	488,212.11	732,898.54	32.340642	-103.713072
7,560.00	1.58	251.65	7,505.36	218.94	614.11	488,211.52	732,895.92	32.340640	-103.713081
7,654.00	1.36	244.97	7,599.32	218.06	611.87	488,210.64	732,893.68	32.340638	-103.713088
7,749.00	1.14	229.24	7,694.30	216.96	610.14	488,209.54	732,891.94	32.340635	-103.713093
7,844.00	1.01	211.93	7,789.29	215.64	608.98	488,208.22	732,890.78	32.340631	-103.713097
7,938.00	0.97	208.06	7,883.27	214.23	608.17	488,206.81	732,889.97	32.340627	-103.713100
8,032.00	1.10	206.92	7,977.26	212.72	607.38	488,205.31	732,889.19	32.340623	-103.713102
8,126.00	1.10	201.99	8,071.24	211.08	606.64	488,203.66	732,888.44	32.340619	-103.713105
8,219.00	1.14	200.24	8,164.22	209.39	605.98	488,201.97	732,887.79	32.340614	-103.713107
8,314.00	1.27	193.21	8,259.20	207.48	605.41	488,200.06	732,887.22	32.340609	-103.713109
8,408.00	1.23	185.03	8,353.18	205.46	605.09	488,198.04	732,886.89	32.340603	-103.713110
8,502.00	1.36	182.31	8,447.15	203.34	604.95	488,195.92	732,886.76	32.340597	-103.713110
8,597.00	1.41	168.24	8,542.13	201.07	605.15	488,193.65	732,886.95	32.340591	-103.713110
8,692.00	1.58	149.00	8,637.09	198.80	606.06	488,191.38	732,887.87	32.340585	-103.713107
8,786.00	1.41	137.83	8,731.06	196.83	607.50	488,189.41	732,889.31	32.340579	-103.713102
8,880.00	1.32	111.29	8,825.04	195.58	609.29	488,188.16	732,891.10	32.340576	-103.713097
8,975.00	1.41	107.51	8,920.01	194.83	611.42	488,187.41	732,893.23	32.340574	-103.713090
9,069.00	1.27	121.66	9,013.98	193.94	613.41	488,186.52	732,895.22	32.340571	-103.713083
9,164.00	1.32	116.83	9,108.96	192.89	615.29	488,185.47	732,897.09	32.340569	-103.713077
9,258.00	1.76	132.56	9,202.93	191.43	617.31	488,184.01	732,899.12	32.340564	-103.713071
9,353.00	1.98	141.61	9,297.88	189.15	619.41	488,181.73	732,901.21	32.340558	-103.713064
9,447.00	1.98	135.90	9,391.82	186.71	621.55	488,179.29	732,903.35	32.340551	-103.713057
9,542.00	1.80	137.75	9,486.77	184.43	623.69	488,177.01	732,905.50	32.340545	-103.713050
9,636.00	1.58	151.11	9,580.73	182.20	625.31	488,174.78	732,907.12	32.340539	-103.713045
9,731.00	1.41	157.43	9,675.70	179.98	626.39	488,172.56	732,908.20	32.340533	-103.713041
9,826.00	1.36	164.47	9,770.67	177.81	627.14	488,170.39	732,908.95	32.340527	-103.713039
9,920.00	0.88	138.71	9,864.65	176.19	627.92	488,168.78	732,909.72	32.340522	-103.713037
10,013.00	1.14	198.83	9,957.64	174.78	628.09	488,167.36	732,909.90	32.340519	-103.713036
10,107.00	1.49	211.31	10,051.61	172.85	627.15	488,165.43	732,908.96	32.340513	-103.713039
10,202.00	2.33	208.23	10,146.56	170.10	625.60	488,162.68	732,907.40	32.340506	-103.713044
10,296.00	2.07	199.89	10,240.49	166.82	624.12	488,159.40	732,905.92	32.340497	-103.713049
10,391.00	2.24	193.56	10,335.42	163.40	623.10	488,155.98	732,904.90	32.340487	-103.713052
10,486.00	2.24	197.25	10,430.35	159.82	622.11	488,152.40	732,903.92	32.340477	-103.713056
10,580.00	1.49	200.32	10,524.30	156.92	621.14	488,149.50	732,902.95	32.340470	-103.713059
10,674.00	1.01	214.04	10,618.28	155.09	620.25	488,147.67	732,902.06	32.340465	-103.713062
10,769.00	1.05	202.61	10,713.26	153.59	619.45	488,146.17	732,901.26	32.340460	-103.713064
10,863.00	1.23	187.23	10,807.24	151.79	618.99	488,144.38	732,900.80	32.340455	-103.713066
10,956.00	1.05	187.14	10,900.23	149.96	618.76	488,142.54	732,900.57	32.340450	-103.713067
11,051.00	0.53	203.58	10,995.22	148.69	618.48	488,141.27	732,900.28	32.340447	-103.713068
11,145.00	1.23	278.55	11,089.21	148.44	617.31	488,141.02	732,899.11	32.340446	-103.713071
11,239.00	1.76	270.90	11,183.18	148.62	614.87	488,141.20	732,896.67	32.340447	-103.713079
11,334.00	2.20	269.93	11,278.12	148.64	611.58	488,141.22	732,893.39	32.340447	-103.713090
11,429.00	2.42	278.02	11,373.04	148.91	607.77	488,141.50	732,889.58	32.340448	-103.713102
11,458.00	2.81	277.84	11,402.01	149.10	606.46	488,141.68	732,888.27	32.340448	-103.713107



SB Directional

Survey Report - Geographic



Company:	DEVON ENERGY	Local Co-ordinate Reference:	Well Boundary Raider 6-18 Fed Com 712H
Project:	Lea County, NM (NAD83)	TVD Reference:	RKB @ 3550.50usft
Site:	Sec 06-T23S-R32E	MD Reference:	RKB @ 3550.50usft
Well:	Boundary Raider 6-18 Fed Com 712H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.16 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
11,550.90	2.98	284.22	11,494.79	150.00	601.87	488,142.58	732,883.68	32.340451	-103.713121
Cross FTP, 100' FNL, 2245' FEL									
11,563.00	3.00	285.00	11,506.88	150.16	601.26	488,142.74	732,883.07	32.340451	-103.713123
11,657.00	6.40	191.40	11,600.64	145.65	597.84	488,138.24	732,879.65	32.340439	-103.713135
11,752.00	15.70	176.50	11,693.80	127.59	597.58	488,120.17	732,879.39	32.340389	-103.713136
11,846.00	28.20	172.40	11,780.81	92.74	601.31	488,085.32	732,883.12	32.340293	-103.713124
11,938.00	34.80	172.60	11,859.21	45.11	607.57	488,037.69	732,889.38	32.340162	-103.713105
12,034.00	47.80	170.90	11,931.18	-17.44	616.76	487,975.14	732,898.57	32.339990	-103.713076
12,079.00	60.80	169.60	11,957.39	-53.37	622.97	487,939.21	732,904.78	32.339891	-103.713057
12,125.00	73.90	172.10	11,975.06	-95.19	629.66	487,897.39	732,911.47	32.339776	-103.713036
12,220.00	78.30	173.10	11,997.88	-186.62	641.53	487,805.96	732,923.34	32.339525	-103.712999
12,267.00	80.40	174.40	12,006.57	-232.53	646.56	487,760.05	732,928.36	32.339399	-103.712984
12,314.00	83.40	175.50	12,013.19	-278.88	650.65	487,713.70	732,932.46	32.339271	-103.712972
12,409.00	88.20	175.20	12,020.14	-373.28	658.33	487,619.30	732,940.14	32.339012	-103.712948
12,503.00	87.90	172.70	12,023.34	-466.70	668.23	487,525.88	732,950.04	32.338755	-103.712918
12,598.00	90.30	173.50	12,024.84	-560.99	679.64	487,431.59	732,961.45	32.338495	-103.712883
12,692.00	90.00	173.20	12,024.59	-654.36	690.53	487,338.22	732,972.33	32.338238	-103.712849
12,787.00	89.80	173.30	12,024.76	-748.70	701.69	487,243.88	732,983.50	32.337979	-103.712815
12,882.00	90.10	173.70	12,024.84	-843.09	712.45	487,149.49	732,994.25	32.337719	-103.712782
12,976.00	89.10	174.00	12,025.49	-936.54	722.52	487,056.04	733,004.32	32.337462	-103.712751
13,071.00	89.20	174.60	12,026.90	-1,031.06	731.95	486,961.52	733,013.76	32.337202	-103.712722
13,165.00	89.00	174.50	12,028.38	-1,124.63	740.88	486,867.95	733,022.69	32.336945	-103.712695
13,260.00	88.00	175.50	12,030.87	-1,219.23	749.16	486,773.35	733,030.96	32.336685	-103.712670
13,354.00	90.90	176.10	12,031.77	-1,312.96	756.04	486,679.62	733,037.85	32.336427	-103.712650
13,448.00	90.10	175.60	12,030.95	-1,406.71	762.84	486,585.87	733,044.65	32.336169	-103.712629
13,542.00	88.70	174.50	12,031.93	-1,500.35	770.95	486,492.23	733,052.76	32.335912	-103.712605
13,637.00	89.50	175.00	12,033.43	-1,594.94	779.64	486,397.64	733,061.45	32.335652	-103.712579
13,732.00	89.80	173.30	12,034.01	-1,689.44	789.32	486,303.14	733,071.13	32.335392	-103.712549
13,826.00	89.30	175.40	12,034.74	-1,782.98	798.58	486,209.60	733,080.38	32.335135	-103.712521
13,920.00	89.70	178.50	12,035.56	-1,876.83	803.58	486,115.75	733,085.39	32.334876	-103.712506
14,015.00	89.60	178.40	12,036.15	-1,971.79	806.15	486,020.79	733,087.96	32.334615	-103.712500
14,110.00	90.40	178.50	12,036.15	-2,066.76	808.72	485,925.83	733,090.52	32.334354	-103.712493
14,204.00	90.00	179.10	12,035.82	-2,160.73	810.69	485,831.85	733,092.49	32.334096	-103.712489
14,299.00	90.40	179.30	12,035.49	-2,255.72	812.01	485,736.86	733,093.82	32.333835	-103.712486
14,393.00	90.60	180.00	12,034.67	-2,349.72	812.59	485,642.86	733,094.39	32.333577	-103.712486
14,487.00	90.40	179.90	12,033.84	-2,443.71	812.67	485,548.87	733,094.48	32.333318	-103.712488
14,582.00	90.10	179.90	12,033.43	-2,538.71	812.84	485,453.87	733,094.64	32.333057	-103.712489
14,676.00	91.20	180.00	12,032.36	-2,632.71	812.92	485,359.88	733,094.72	32.332799	-103.712490
14,769.00	90.40	179.80	12,031.07	-2,725.70	813.08	485,266.89	733,094.89	32.332543	-103.712492
14,864.00	91.50	179.90	12,029.49	-2,820.68	813.33	485,171.90	733,095.13	32.332282	-103.712493
14,958.00	92.40	180.30	12,026.29	-2,914.63	813.16	485,077.96	733,094.97	32.332024	-103.712495
15,053.00	89.90	179.10	12,024.39	-3,009.60	813.66	484,982.99	733,095.47	32.331763	-103.712495
15,147.00	89.80	179.10	12,024.63	-3,103.58	815.14	484,889.00	733,096.95	32.331504	-103.712492
15,242.00	88.40	178.60	12,026.12	-3,198.55	817.05	484,794.03	733,098.85	32.331243	-103.712488
15,336.00	89.20	179.00	12,028.09	-3,292.51	819.01	484,700.07	733,100.82	32.330985	-103.712483
15,455.00	89.98	179.32	12,028.94	-3,411.49	820.76	484,581.09	733,102.56	32.330658	-103.712480
15,550.00	89.41	178.53	12,029.45	-3,506.47	822.54	484,486.11	733,104.35	32.330397	-103.712476
15,644.00	89.54	179.32	12,030.31	-3,600.45	824.30	484,392.13	733,106.11	32.330138	-103.712472
15,738.00	89.41	178.88	12,031.17	-3,694.43	825.78	484,298.15	733,107.59	32.329880	-103.712469
15,833.00	89.49	179.23	12,032.08	-3,789.42	827.35	484,203.16	733,109.15	32.329619	-103.712465
15,927.00	88.44	178.62	12,033.78	-3,883.38	829.11	484,109.20	733,110.92	32.329361	-103.712461
16,021.00	87.38	177.74	12,037.21	-3,977.27	832.09	484,015.31	733,113.90	32.329103	-103.712453
16,115.00	91.38	178.35	12,038.23	-4,071.19	835.30	483,921.39	733,117.10	32.328844	-103.712445
16,209.00	91.60	181.08	12,035.78	-4,165.15	835.77	483,827.43	733,117.57	32.328586	-103.712445
16,304.00	91.56	181.87	12,033.16	-4,260.08	833.32	483,732.50	733,115.13	32.328325	-103.712455



SB Directional

Survey Report - Geographic



Company:	DEVON ENERGY	Local Co-ordinate Reference:	Well Boundary Raider 6-18 Fed Com 712H
Project:	Lea County, NM (NAD83)	TVD Reference:	RKB @ 3550.50usft
Site:	Sec 06-T23S-R32E	MD Reference:	RKB @ 3550.50usft
Well:	Boundary Raider 6-18 Fed Com 712H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.16 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
16,398.00	89.80	182.13	12,032.05	-4,354.01	830.04	483,638.57	733,111.85	32.328067	-103.712467
16,492.00	88.97	181.87	12,033.06	-4,447.95	826.76	483,544.63	733,108.57	32.327809	-103.712480
16,587.00	87.12	182.04	12,036.30	-4,542.84	823.52	483,449.75	733,105.33	32.327548	-103.712492
16,682.00	86.20	182.39	12,041.83	-4,637.60	819.86	483,354.98	733,101.66	32.327288	-103.712505
16,776.00	85.89	182.04	12,048.32	-4,731.31	816.23	483,261.27	733,098.04	32.327030	-103.712519
16,870.00	86.59	180.02	12,054.48	-4,825.08	814.55	483,167.50	733,096.35	32.326772	-103.712526
16,964.00	89.45	179.85	12,057.73	-4,919.02	814.65	483,073.56	733,096.46	32.326514	-103.712528
17,059.00	90.42	180.11	12,057.84	-5,014.02	814.69	482,978.56	733,096.49	32.326253	-103.712529
17,062.00	90.40	180.09	12,057.81	-5,017.02	814.68	482,975.56	733,096.49	32.326245	-103.712529
Cross section @ 17062' MD, 0' FNL, 2260' FEL									
17,154.00	89.85	179.41	12,057.61	-5,109.02	815.08	482,883.57	733,096.89	32.325992	-103.712530
17,248.00	89.76	179.41	12,057.93	-5,203.01	816.05	482,789.57	733,097.86	32.325734	-103.712528
17,343.00	88.00	179.23	12,059.79	-5,297.98	817.18	482,694.60	733,098.99	32.325473	-103.712527
17,437.00	89.45	177.91	12,061.88	-5,391.92	819.53	482,600.66	733,101.33	32.325214	-103.712521
17,532.00	89.49	176.51	12,062.76	-5,486.81	824.15	482,505.78	733,105.96	32.324953	-103.712508
17,626.00	89.80	177.47	12,063.34	-5,580.67	829.09	482,411.91	733,110.89	32.324695	-103.712493
17,721.00	88.88	177.65	12,064.44	-5,675.58	833.13	482,317.00	733,114.94	32.324434	-103.712482
17,815.00	90.11	179.41	12,065.26	-5,769.54	835.54	482,223.04	733,117.35	32.324176	-103.712476
17,910.00	89.67	179.41	12,065.45	-5,864.53	836.52	482,128.05	733,118.32	32.323915	-103.712475
18,005.00	90.15	179.85	12,065.60	-5,959.53	837.13	482,033.05	733,118.94	32.323654	-103.712474
18,099.00	90.42	180.46	12,065.13	-6,053.53	836.88	481,939.05	733,118.68	32.323395	-103.712477
18,194.00	89.89	180.20	12,064.87	-6,148.53	836.33	481,844.05	733,118.14	32.323134	-103.712481
18,289.00	88.35	179.93	12,066.33	-6,243.51	836.22	481,749.07	733,118.03	32.322873	-103.712483
18,383.00	90.02	178.62	12,067.67	-6,337.49	837.41	481,655.09	733,119.22	32.322615	-103.712481
18,478.00	92.13	180.02	12,065.88	-6,432.46	838.54	481,560.12	733,120.35	32.322354	-103.712479
18,572.00	91.91	179.76	12,062.57	-6,526.40	838.72	481,466.18	733,120.53	32.322096	-103.712480
18,666.00	90.90	178.88	12,060.27	-6,620.36	839.84	481,372.22	733,121.64	32.321837	-103.712478
18,761.00	89.19	176.51	12,060.19	-6,715.28	843.66	481,277.31	733,125.46	32.321576	-103.712467
18,856.00	89.23	177.47	12,061.50	-6,810.13	848.64	481,182.45	733,130.45	32.321316	-103.712453
18,951.00	90.29	178.00	12,061.90	-6,905.06	852.40	481,087.52	733,134.20	32.321055	-103.712443
19,045.00	90.73	178.35	12,061.06	-6,999.01	855.39	480,993.57	733,137.20	32.320796	-103.712435
19,140.00	91.87	177.47	12,058.91	-7,093.92	858.86	480,898.66	733,140.66	32.320535	-103.712425
19,234.00	92.97	178.79	12,054.94	-7,187.78	861.92	480,804.80	733,143.73	32.320277	-103.712417
19,337.00	90.07	178.53	12,052.21	-7,290.70	864.33	480,701.88	733,146.13	32.319994	-103.712411
19,431.00	89.54	177.39	12,052.53	-7,384.64	867.67	480,607.94	733,149.48	32.319736	-103.712402
19,526.00	88.97	178.18	12,053.76	-7,479.56	871.35	480,513.02	733,153.15	32.319475	-103.712392
19,620.00	88.13	178.26	12,056.14	-7,573.48	874.26	480,419.10	733,156.07	32.319217	-103.712384
19,715.00	89.32	177.91	12,058.25	-7,668.41	877.44	480,324.17	733,159.24	32.318956	-103.712376
19,809.00	88.79	176.51	12,059.80	-7,762.28	882.01	480,230.30	733,163.82	32.318698	-103.712363
19,904.00	88.09	175.54	12,062.39	-7,857.01	888.60	480,135.57	733,170.40	32.318437	-103.712343
19,999.00	91.47	178.88	12,062.76	-7,951.87	893.22	480,040.71	733,175.02	32.318177	-103.712330
20,093.00	92.66	180.90	12,059.37	-8,045.81	893.40	479,946.78	733,175.21	32.317918	-103.712331
20,188.00	92.57	180.55	12,055.03	-8,140.70	892.20	479,851.88	733,174.00	32.317658	-103.712337
20,282.00	91.69	183.27	12,051.54	-8,234.57	889.07	479,758.01	733,170.87	32.317400	-103.712349
20,376.00	87.78	185.30	12,051.97	-8,328.29	882.05	479,664.30	733,163.85	32.317142	-103.712373
20,470.00	88.44	187.14	12,055.07	-8,421.68	871.87	479,570.90	733,153.67	32.316886	-103.712408
20,565.00	88.88	188.28	12,057.30	-8,515.79	859.13	479,476.79	733,140.93	32.316627	-103.712451
20,659.00	87.43	187.40	12,060.32	-8,608.86	846.31	479,383.72	733,128.12	32.316371	-103.712494
20,753.00	85.71	183.71	12,065.95	-8,702.23	837.23	479,290.35	733,119.03	32.316115	-103.712525
20,848.00	88.31	181.25	12,070.90	-8,797.00	833.12	479,195.58	733,114.93	32.315855	-103.712541
20,943.00	89.80	182.39	12,072.47	-8,891.93	830.11	479,100.65	733,111.91	32.315594	-103.712552
21,037.00	89.05	181.25	12,073.41	-8,985.88	827.12	479,006.70	733,108.93	32.315335	-103.712564
21,132.00	87.08	178.88	12,076.62	-9,080.81	827.01	478,911.77	733,108.82	32.315075	-103.712566
21,226.00	86.68	178.62	12,081.74	-9,174.65	829.06	478,817.93	733,110.87	32.314817	-103.712561
21,320.00	84.62	178.00	12,088.87	-9,268.33	831.82	478,724.25	733,113.63	32.314559	-103.712554



SB Directional

Survey Report - Geographic



Company:	DEVON ENERGY	Local Co-ordinate Reference:	Well Boundary Raider 6-18 Fed Com 712H
Project:	Lea County, NM (NAD83)	TVD Reference:	RKB @ 3550.50usft
Site:	Sec 06-T23S-R32E	MD Reference:	RKB @ 3550.50usft
Well:	Boundary Raider 6-18 Fed Com 712H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.16 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
21,415.00	87.91	178.00	12,095.06	-9,363.06	835.13	478,629.52	733,116.94	32.314299	-103.712545
21,509.00	90.81	177.91	12,096.11	-9,456.98	838.49	478,535.60	733,120.29	32.314040	-103.712536
21,603.00	90.11	178.18	12,095.35	-9,550.93	841.69	478,441.65	733,123.50	32.313782	-103.712527
21,697.00	90.73	179.06	12,094.66	-9,644.90	843.96	478,347.69	733,125.76	32.313524	-103.712521
21,792.00	89.93	179.23	12,094.11	-9,739.88	845.37	478,252.70	733,127.18	32.313263	-103.712519
21,886.00	91.08	178.09	12,093.29	-9,833.85	847.57	478,158.73	733,129.38	32.313004	-103.712513
21,980.00	90.55	177.30	12,091.95	-9,927.76	851.35	478,064.82	733,133.16	32.312746	-103.712503
22,074.00	90.59	176.95	12,091.01	-10,021.64	856.07	477,970.94	733,137.87	32.312488	-103.712489
22,169.00	90.29	177.12	12,090.28	-10,116.51	860.98	477,876.07	733,142.79	32.312227	-103.712475
22,263.00	89.76	177.12	12,090.24	-10,210.39	865.70	477,782.19	733,147.51	32.311969	-103.712462
22,353.00	88.37	176.28	12,091.71	-10,300.23	870.88	477,692.35	733,152.69	32.311722	-103.712447
Cross section @ 22353' MD, 0' FNL, 2232' FEL									
22,357.00	88.31	176.24	12,091.83	-10,304.22	871.15	477,688.36	733,152.95	32.311711	-103.712446
22,452.00	89.76	176.24	12,093.43	-10,399.00	877.37	477,593.58	733,159.18	32.311450	-103.712427
22,546.00	90.90	175.36	12,092.89	-10,492.74	884.26	477,499.84	733,166.07	32.311193	-103.712407
22,640.00	90.15	179.14	12,092.02	-10,586.61	888.77	477,405.97	733,170.57	32.310935	-103.712394
22,735.00	89.93	179.58	12,091.96	-10,681.60	889.83	477,310.98	733,171.63	32.310673	-103.712392
22,828.00	89.41	179.67	12,092.49	-10,774.60	890.44	477,217.98	733,172.24	32.310418	-103.712392
22,923.00	88.92	180.20	12,093.88	-10,869.59	890.54	477,122.99	733,172.35	32.310157	-103.712394
23,017.00	90.07	180.29	12,094.71	-10,963.58	890.14	477,029.00	733,171.95	32.309898	-103.712397
23,111.00	87.25	179.32	12,096.90	-11,057.55	890.46	476,935.04	733,172.27	32.309640	-103.712397
23,204.00	87.16	178.97	12,101.44	-11,150.42	891.85	476,842.16	733,173.65	32.309385	-103.712395
23,298.00	90.77	178.26	12,103.14	-11,244.37	894.12	476,748.22	733,175.93	32.309126	-103.712389
23,393.00	92.00	179.49	12,100.84	-11,339.32	895.98	476,653.26	733,177.79	32.308865	-103.712385
23,487.00	91.34	177.91	12,098.10	-11,433.25	898.12	476,559.33	733,179.92	32.308607	-103.712380
23,582.00	91.91	179.58	12,095.41	-11,528.18	900.20	476,464.40	733,182.00	32.308346	-103.712375
23,676.00	89.71	176.77	12,094.08	-11,622.11	903.19	476,370.47	733,185.00	32.308088	-103.712367
23,770.00	89.93	179.14	12,094.37	-11,716.04	906.54	476,276.54	733,188.35	32.307830	-103.712358
23,864.00	89.58	179.06	12,094.77	-11,810.03	908.02	476,182.55	733,189.83	32.307571	-103.712355
23,959.00	89.05	179.67	12,095.91	-11,905.02	909.07	476,087.56	733,190.88	32.307310	-103.712353
24,053.00	88.26	179.06	12,098.12	-11,998.99	910.11	475,993.60	733,191.92	32.307052	-103.712351
24,147.00	90.59	180.46	12,099.06	-12,092.97	910.51	475,899.61	733,192.31	32.306794	-103.712352
24,242.00	90.11	180.37	12,098.48	-12,187.97	909.82	475,804.61	733,191.63	32.306533	-103.712356
24,336.00	91.30	179.06	12,097.32	-12,281.95	910.29	475,710.63	733,192.09	32.306274	-103.712356
24,431.00	91.96	179.14	12,094.62	-12,376.90	911.78	475,615.68	733,193.59	32.306013	-103.712353
24,525.00	93.41	178.97	12,090.22	-12,470.79	913.33	475,521.80	733,195.13	32.305755	-103.712350
24,620.00	90.55	180.81	12,086.94	-12,565.71	913.51	475,426.87	733,195.32	32.305494	-103.712351
24,715.00	89.54	181.16	12,086.86	-12,660.70	911.88	475,331.88	733,193.68	32.305233	-103.712358
24,810.00	88.75	181.87	12,088.28	-12,755.65	909.36	475,236.93	733,191.17	32.304972	-103.712368
24,904.00	86.24	181.78	12,092.39	-12,849.51	906.37	475,143.07	733,188.18	32.304714	-103.712379
24,999.00	89.89	180.55	12,095.59	-12,944.42	904.44	475,048.16	733,186.25	32.304453	-103.712387
25,083.00	90.22	179.93	12,095.51	-13,028.42	904.09	474,964.16	733,185.90	32.304222	-103.712390
25,177.00	89.87	180.11	12,095.44	-13,122.42	904.06	474,870.17	733,185.87	32.303964	-103.712392
25,271.00	89.78	180.20	12,095.73	-13,216.42	903.81	474,776.17	733,185.61	32.303706	-103.712395
25,366.00	89.60	180.37	12,096.24	-13,311.41	903.33	474,681.17	733,185.14	32.303445	-103.712398
25,461.00	89.34	180.46	12,097.12	-13,406.41	902.65	474,586.18	733,184.45	32.303184	-103.712402
25,555.00	89.60	181.52	12,097.99	-13,500.39	901.02	474,492.19	733,182.83	32.302925	-103.712409
25,650.00	88.64	181.60	12,099.45	-13,595.34	898.44	474,397.24	733,180.24	32.302664	-103.712419
25,745.00	88.29	180.81	12,101.99	-13,690.28	896.44	474,302.30	733,178.24	32.302403	-103.712427
25,839.00	88.02	180.73	12,105.02	-13,784.23	895.18	474,208.36	733,176.98	32.302145	-103.712433
25,934.00	87.41	180.90	12,108.81	-13,879.14	893.83	474,113.44	733,175.63	32.301884	-103.712439
26,029.00	87.41	178.70	12,113.10	-13,974.04	894.16	474,018.54	733,175.96	32.301623	-103.712440
26,124.00	89.34	180.55	12,115.79	-14,068.99	894.78	473,923.59	733,176.58	32.301362	-103.712440
26,217.00	89.16	181.08	12,117.01	-14,161.97	893.45	473,830.61	733,175.26	32.301107	-103.712446
26,307.00	88.55	182.83	12,118.81	-14,251.90	890.39	473,740.69	733,172.19	32.300860	-103.712457



SB Directional
Survey Report - Geographic



Company:	DEVON ENERGY	Local Co-ordinate Reference:	Well Boundary Raider 6-18 Fed Com 712H
Project:	Lea County, NM (NAD83)	TVD Reference:	RKB @ 3550.50usft
Site:	Sec 06-T23S-R32E	MD Reference:	RKB @ 3550.50usft
Well:	Boundary Raider 6-18 Fed Com 712H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.16 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
26,401.00	88.99	180.81	12,120.83	-14,345.82	887.40	473,646.76	733,169.21	32.300602	-103.712469
26,495.00	89.25	181.96	12,122.27	-14,439.78	885.13	473,552.80	733,166.94	32.300343	-103.712478
26,590.00	88.64	182.04	12,124.02	-14,534.71	881.81	473,457.87	733,163.62	32.300082	-103.712491
26,685.00	90.40	182.04	12,124.82	-14,629.64	878.43	473,362.94	733,160.24	32.299822	-103.712503
26,779.00	90.84	182.83	12,123.80	-14,723.55	874.44	473,269.03	733,156.25	32.299564	-103.712518
26,874.00	89.96	182.48	12,123.14	-14,818.44	870.04	473,174.14	733,151.85	32.299303	-103.712534
26,968.00	90.40	182.13	12,122.84	-14,912.37	866.26	473,080.22	733,148.06	32.299045	-103.712548
27,063.00	89.34	182.13	12,123.06	-15,007.30	862.73	472,985.28	733,144.53	32.298784	-103.712561
27,157.00	88.90	181.87	12,124.50	-15,101.23	859.45	472,891.35	733,141.25	32.298526	-103.712574
27,251.00	86.97	181.16	12,127.89	-15,195.13	856.96	472,797.45	733,138.77	32.298268	-103.712583
27,346.00	86.53	181.52	12,133.27	-15,289.95	854.75	472,702.63	733,136.55	32.298007	-103.712592
27,441.00	85.82	181.43	12,139.61	-15,384.71	852.31	472,607.87	733,134.11	32.297747	-103.712602
27,513.00	85.56	181.43	12,145.02	-15,456.48	850.51	472,536.10	733,132.32	32.297549	-103.712609
Final Survey @ 27513' MD									
27,536.00	85.56	181.43	12,146.80	-15,479.41	849.94	472,513.17	733,131.75	32.297486	-103.712611
Cross LTP @ 27536' MD, 100' FSL, 2286' FEL									
27,570.00	85.56	181.43	12,149.43	-15,513.29	849.10	472,479.29	733,130.90	32.297393	-103.712615
PBHL; 54' FSL, 2286' FEL									

Casing Points				
Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")
27,570.00	12,149.43	20" Casing	20	24

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
11,550.90	11,494.79	150.00	601.87	Cross FTP, 100' FNL, 2245' FEL
17,062.00	12,057.81	-5,017.02	814.68	Cross section @ 17062' MD, 0' FNL, 2260' FEL
22,353.00	12,091.71	-10,300.23	870.88	Cross section @ 22353' MD, 0' FNL, 2232' FEL
27,513.00	12,145.02	-15,456.48	850.51	Final Survey @ 27513' MD
27,536.00	12,146.80	-15,479.41	849.94	Cross LTP @ 27536' MD, 100' FSL, 2286' FEL
27,570.00	12,149.43	-15,513.29	849.10	PBHL; 54' FSL, 2286' FEL

Checked By: _____ Approved By: _____ Date: _____

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

Form C-103
 Revised August 1, 2011

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

WELL API NO.	30-025-47706
5. Indicate Type of Lease STATE ☐ FEE ☐	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name BOUNDARY RAIDER 6 18 FEDERAL COM	
8. Well Number	712H
9. OGRID Number	6137
10. Pool name or Wildcat ; WC-025 G-08 S243217P; UPR WOLFCAMP	

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.) 1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐	
2. Name of Operator	Devon Energy Production Company, L.P.
3. Address of Operator	333 West Sheridan, Oklahoma City, OK 73102
4. Well Location Unit Letter <u>3</u> (lot) <u>250</u> feet from the <u>North</u> line and <u>2435</u> feet from the <u>West</u> line Section <u>6</u> Township <u>23S</u> Range <u>32E</u> NMPM County <u>LEA</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) GL: 3527.5	

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 ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
 COMMENCE DRILLING OPNS. ☐ P AND A ☐
 CASING/CEMENT JOB ☐

OTHER: **COMPLETION** ☒

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.

6/1/2021-6/17/2021: MIRU WL & PT. PT csg to 12000 PSI for 30min, OK. Ran CBL, ETOC SURFACE' TIH w/pump through frac plug and guns.

Perf WOLFCAMP, 12180-22091. Frac totals 37713930# prop, 703334 bbl fluid, 166 bbls acid. DO plugs & CO to PBTD with float collar

27510.7 MD/12144.8 TVD. CHC, FWB, ND BOP. Tubing set:N/A TOP: 7/13/2021

RUSTLER-800

SALT-1225

BASE OF SALT-4325

LAMAR-4325

BELL CANYON-4550

CHERRY CANYON-5505

Brushy Canyon-6785

1st Bone Spring Lime-8425

Bone Spring 1st-9520

Bone Spring 2nd-10150

3rd Bone Spring Lime-10650

Bone Spring 3rd-11360

Wolfcamp-11760

Strawn-13340

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

SIGNATURE Jenny Harms TITLE Regulatory Specialist DATE 7/26/2021

Type or print name Jenny Harms E-mail address: jenny.harms@dv.com PHONE: 405-552-6560

For State Use Only Jenny Harms

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any): _____

Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 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 August 1, 2011		
		1. WELL API NO. 30-025-47706					
		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)				5. Lease Name or Unit Agreement Name BOUNDARY RAIDER 6 18 FEDERAL COM			
				6. Well Number: 712H			
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER							
8. Name of Operator Devon Energy Production Company, L.P.				9. OGRID 6137			
10. Address of Operator 333 West Sheridan Avenue, Oklahoma City, OK 73102				11. Pool name or Wildcat ; WC-025 G-08 S243217P; UPR WOLFCAMP			
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	
Surface:		6	23S	32E	3	250	
BH:	O	18	23S	32E		60	
13. Date Spudded 12/5/20	14. Date T.D. Reached 1/24/21	15. Date Rig Released 1/29/21		16. Date Completed (Ready to Produce) 7/13/21		17. Elevations (DF and RKB, RT, GR, etc.) 3527.5 GL	
18. Total Measured Depth of Well 27570 MD, 12149 TVD		19. Plug Back Measured Depth 27510.7 MD/ 12144.8 TVD		20. Was Directional Survey Made? Yes		21. Type Electric and Other Logs Run	
22. Producing Interval(s), of this completion - Top, Bottom, Name 12100-27500, WC-025 G-08 S243217P; UPR WOLFCAMP							
23. CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED		
13.375	54.5	840	17.5	850			
8 5/8	32	11510.7	9.625	1980			
5.5	20	27553	7.875	3940			
24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	
						n/a	
26. Perforation record (interval, size, and number) 12100 - 27500, total 2254 holes				27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 12100-27500 Acidize and frac in 76 stages.			
28. PRODUCTION							
Date First Production 7/13/21		Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>)			Well Status (<i>Prod. or Shut-in</i>) Producing		
Date of Test 7/18/21	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 3643	Gas - MCF 8330	Water - Bbl. 9046	
						Gas - Oil Ratio 2286	
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (<i>Corr.</i>)	
29. Disposition of Gas (<i>Sold, used for fuel, vented, etc.</i>) Sold					30. Test Witnessed By		
31. List Attachments Directional Survey							
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.							
33. If an on-site burial was used at the well, report the exact location of the on-site burial:							
Latitude		Longitude		NAD 1927 1983			
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 		Printed Name Jenny Harms		Title Regulatory Specialist		Date 7/26/2021	
E-mail Address jenny.harms@dv.com							

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.

Southeastern New Mexico		Northwestern New Mexico	
RUSTLER - 800			
SALT - 1225			
BASE OF SALT - 4325			
LAMAR - 4325			
BELL CANYON - 4550			
CHERRY CANYON - 5505			
Brushy Canyon - 6785			
1st Bone Spring Lime - 8425			
Bone Spring 1st - 9520			
Bone Spring 2nd - 10150			
3rd Bone Spring Lime - 10650			
Bone Spring 3rd - 11360			
Wolfcamp - 11760			
Strawn - 13340			

No. 1, from..... to..... No. 3, from..... to.....
No. 2, from..... N/A to..... N/A No. 4, from..... N/A to..... N/A
N/A N/A N/A N/A

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.....

From	To	Thickness In Feet	Lithology

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 38320

ACKNOWLEDGMENTS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 38320
	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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State of New Mexico
Energy, Minerals and Natural Resources
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Santa Fe, NM 87505

CONDITIONS

Action 38320

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 38320
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
ksimmons	None	8/31/2021