

3329 W. Pinhook Rd.
Lafayette, LA 70508-3506, USA
Tel. 337-233-3982
Fax 337-234-2988

PATHFINDER
A Schlumberger Company

DIRECTIONAL SURVEY REPORT

HOBBS OCD

NOV 22 2016

RECEIVED

DEVON ENERGY PRODUCTION CO., L.P.

REBEL 20 FED #5H

LEA COUNTY, NEW MEXICO

SCHLUMBERGER

PREPARED BY: DAVID PARISH

3329 W. Pinhook Rd.
Lafayette, LA 70508-3506, USA
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PATHFINDER
A Schlumberger Company

October 26, 2015

DEVON ENERGY CORPORATION
Attn: Carl Bracklein
333 West Sheridan
Oklahoma City, OK 73102

HOBBS OCD
NOV 22 2016
RECEIVED

RE: DEVON ENERGY PRODUCTION CO., L.P.
Rebel 20 Fed #5H
LEA COUNTY, NM
RIG: Precision #601
API NO.: 30-025-42769
FILE NO.: 15LAF0134

Dear Mr. Bracklein:

We hereby certify that the enclosed Original Field Survey Data contained in this report represents to the best of our knowledge, a true and accurate survey of the well at the time the survey was run.

DIRECTIONAL SURVEY DATA
3 – Original Directional Survey Reports

We appreciate the opportunity to work with you and we look forward to your business support. If you have any questions, I can be reached at (337) 233-3982.

Sincerely,



David Parish
M/LWD Service Coordinator
Schlumberger

DP:tb

DIRECTIONAL SURVEY COMPANY REPORT:

1. NAME OF SURVEYING COMPANY: SCHLUMBERGER
2. NAME OF PERSON(S) PERFORMING SURVEY:
A) AARON SIMON
B) ERNESTO GALLEGOS
3. POSITION OF SAID PERSON(S): (A-B) SURVEYORS (FIELD ENGINEERS)
4. DATE(S) ON WHICH SURVEY WAS PERFORMED: 10/02/15 TO 10/13/15
5. STATE IN WHICH SURVEY WAS PERFORMED: NEW MEXICO
6. LOCATION OF WELL: LEA COUNTY
7. TYPE OF SURVEY(S) PERFORMED: MWD
8. COMPLETE IDENTIFICATION OF WELL:

DEVON ENERGY PRODUCTION CO., L.P.
REBEL 20 FED #5H
LEA COUNTY, NM
RIG: PRECISION #601
API NO.: 30-025-42769

9. SURVEY CERTIFIED FROM: 4,525 TO 15,303 FEET MEASURED DEPTH.

THIS IS TO VERIFY THAT ATTACHED DOCUMENTS SHOWING THE WELL TO BE DISPLACED 4,651.01 FEET ON A BEARING OF 177.15 DEGREES FROM THE CENTER OF THE ROTARY TABLE AT A PROJECTED TO BIT DEPTH OF 15,303 FEET, ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

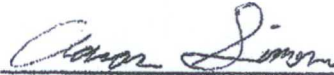

DAVID PARISH
M/LWD SERVICE COORDINATOR

3329 W. Pinhook Rd.
Lafayette, LA 70508-3506, USA
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STATE OF LOUISIANA
PARISH OF LAFAYETTE

I, Aaron Simon, certify that; I am employed by Schlumberger; that I did on the day(s) of **10/02/15** through **10/13/15** conduct or supervise the taking of a **Measurement While Drilling** survey from a depth of **4,525 feet to a depth of 15,303 feet**; that the data is true, correct, complete and within the limitations of the tool as set forth by PathFinder, a Schlumberger company; that I am authorized and qualified to make this report; that this survey was conducted at the request of **DEVON ENERGY PRODUCTION CO., L.P.** for the **Rebel 20 Fed #5H** Well API No. **30-025-42769** in **Lea County, New Mexico**; and that I have reviewed this report and find that it conforms to the principles and procedures as set forth by Schlumberger.



PathFinder Field Engineer

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BHL Report

Page 01/01
Tie-in Date: 10/02/2015
Date Completed: 10/13/2015

DEVON ENERGY PRODUCTION COMPANY, LP
REBEL 20 FEDERAL #005H
LEA COUNTY, NM
API#: 30-025-42769 Rig: PRECISION #601
PathFinder Office Supervisor: DAVID PARISH
PathFinder Field Engineers: AARON SIMON
ERNESTO GALLEGOS

Survey Horiz. Reference:WELLHEAD
Ref Coordinates: LAT:32.12.33.5445 N LON:103.42.13.5344 W
GRID Reference:NAD83 new mexico east Transverse Mercator
Ref GRID Coord: X: 736054.8900 Y: 440454.1900
North Aligned To:GRID NORTH
Total Magnetic Correction: 6.73° EAST TO GRID
Vertical Section Plane: 177.17
Survey Vert. Reference: 25.00' Rotary Table To Ground
Altitude:3571.40' Ground To MSL

Measured Depth	15303.00	(feet)
Inclination	90.66	(deg)
Azimuth	179.69	(deg)
True Vertical Depth	10740.35	(feet)
Vertical Section	4651.01	(feet)
Survey X cord	736286.43	(feet)
Survey Y cord	435808.95	(feet)
Survey Lat	32.19654558 N	(deg)
Survey Lon	103.70309902 W	(deg)
Rectangular Corr. N/S	4645.24 S	(feet)
Rectangular Corr. E/W	231.54 E	(feet)
Closure Distance	4651.01	(feet)
Direction of Closure	177.15	(deg)
Dogleg Severity	0.00	(deg/100ft)

PathFinder – a Schlumberger company

Survey Report

DEVON ENERGY PRODUCTION COMPANY, LP

REBEL 20 FEDERAL #005H

LEA COUNTY, NM

API#: 30-025-42769 Rig: PRECISION #601

PathFinder Office Supervisor: DAVID PARISH

PathFinder Field Engineers: AARON SIMON

ERNESTO GALLEGOS

Survey Horiz. Reference: WELLHEAD

Ref Coordinates: LAT: 32.12.33.5445 N LON: 103.42.13.5344 W

GRID Reference: NAD83 new mexico east Transverse Mercator

Ref GRID Coord: X: 736054.8900 Y: 440454.1900

North Aligned To: GRID NORTH

Total Magnetic Correction: 6.73° EAST TO GRID

Vertical Section Plane: 177.17

Survey Vert. Reference: 25.00' Rotary Table To Ground

Altitude: 3571.40' Ground To MSL

Survey Calculations by PathCalc v2.05.00.00 using Minimum Curvature

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft) (ft)		Closure Dist Dir (ft) (deg)		DLS (dg/100ft)
THE FOLLOWING ARE EXTREME ENGINEERING MWD SURVEYS.										
185.00	0.60	146.30	184.99	185.00	0.83	0.80 S	0.54 E	0.96@	146.30	0.00
330.00	0.62	122.80	329.99	145.00	1.94	1.86 S	1.62 E	2.46@	139.01	0.17
425.00	0.70	167.40	424.98	95.00	2.81	2.70 S	2.17 E	3.47@	141.19	0.53
518.00	0.40	135.01	517.98	93.00	3.61	3.49 S	2.53 E	4.31@	144.07	0.45
613.00	0.40	139.19	612.97	95.00	4.12	3.97 S	2.98 E	4.97@	143.14	0.03
708.00	0.40	160.81	707.97	95.00	4.70	4.54 S	3.30 E	5.61@	143.93	0.16
802.00	0.62	176.72	801.97	94.00	5.52	5.36 S	3.44 E	6.37@	147.27	0.28
934.00	0.79	181.68	933.96	132.00	7.14	6.98 S	3.46 E	7.79@	153.65	0.14
1028.00	0.70	189.11	1027.95	94.00	8.35	8.19 S	3.35 E	8.85@	157.78	0.14
1123.00	0.70	183.88	1122.94	95.00	9.49	9.34 S	3.22 E	9.88@	161.01	0.07
1270.00	0.70	190.69	1269.93	147.00	11.26	11.12 S	2.99 E	11.52@	164.96	0.06
1307.00	0.62	191.00	1306.93	37.00	11.67	11.54 S	2.91 E	11.90@	165.86	0.22
1397.00	0.48	196.40	1396.93	90.00	12.50	12.38 S	2.71 E	12.67@	167.66	0.17
1486.00	0.40	200.80	1485.92	89.00	13.14	13.03 S	2.49 E	13.27@	169.17	0.10
1575.00	0.48	192.89	1574.92	89.00	13.78	13.68 S	2.30 E	13.87@	170.46	0.11
1665.00	0.40	187.88	1664.92	90.00	14.45	14.36 S	2.17 E	14.52@	171.40	0.10
1754.00	0.31	180.58	1753.92	89.00	15.00	14.91 S	2.13 E	15.06@	171.88	0.11
1844.00	0.22	163.49	1843.92	90.00	15.41	15.32 S	2.17 E	15.47@	171.92	0.13
1933.00	0.22	153.60	1932.91	89.00	15.73	15.64 S	2.30 E	15.80@	171.64	0.04
2023.00	0.09	128.11	2022.91	90.00	15.94	15.83 S	2.43 E	16.02@	171.27	0.16
2112.00	0.09	30.82	2111.91	89.00	15.92	15.82 S	2.52 E	16.02@	170.94	0.15
2201.00	0.22	49.10	2200.91	89.00	15.76	15.65 S	2.69 E	15.87@	170.26	0.15
2291.00	0.22	34.29	2290.91	90.00	15.51	15.39 S	2.91 E	15.66@	169.28	0.06
2380.00	0.22	22.90	2379.91	89.00	15.22	15.09 S	3.08 E	15.40@	168.48	0.05
2469.00	0.31	20.80	2468.91	89.00	14.85	14.71 S	3.23 E	15.06@	167.62	0.10

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Survey Report

DEVON ENERGY PRODUCTION COMPANY, LP
 REBEL 20 FEDERAL #005H
 LEA COUNTY, NM
 API#: 30-025-42769 Rig: PRECISION #601

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Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft) (ft)		Closure Dist Dir (ft) (deg)		DLS (dg/100ft)
2559.00	0.62	35.92	2558.91	90.00	14.25	14.09 S	3.60 E	14.54@	165.66	0.37
2648.00	0.62	43.61	2647.90	89.00	13.54	13.35 S	4.22 E	14.00@	162.47	0.09
2737.00	0.79	59.29	2736.90	89.00	12.92	12.69 S	5.08 E	13.66@	158.19	0.29
2827.00	0.79	40.31	2826.89	90.00	12.18	11.90 S	6.01 E	13.33@	153.20	0.29
2916.00	0.79	32.71	2915.88	89.00	11.23	10.91 S	6.74 E	12.83@	148.30	0.12
3006.00	0.62	34.60	3005.87	90.00	10.34	9.99 S	7.35 E	12.40@	143.65	0.19
3095.00	0.70	24.58	3094.87	89.00	9.48	9.10 S	7.85 E	12.02@	139.21	0.16
3184.00	0.62	334.48	3183.86	89.00	8.55	8.17 S	7.87 E	11.34@	136.07	0.63
3274.00	0.62	349.91	3273.86	90.00	7.62	7.25 S	7.57 E	10.49@	133.75	0.18
3363.00	0.48	357.20	3362.85	89.00	6.77	6.40 S	7.47 E	9.84@	130.60	0.18
3452.00	0.62	345.60	3451.85	89.00	5.92	5.57 S	7.33 E	9.21@	127.20	0.20
3542.00	0.48	358.30	3541.84	90.00	5.07	4.72 S	7.20 E	8.61@	123.23	0.21
3631.00	0.48	338.70	3630.84	89.00	4.34	4.00 S	7.05 E	8.11@	119.54	0.18
3721.00	0.48	340.02	3720.84	90.00	3.62	3.29 S	6.79 E	7.54@	115.87	0.01
3810.00	0.70	339.01	3809.83	89.00	2.75	2.43 S	6.47 E	6.91@	110.62	0.25
3899.00	0.40	17.02	3898.83	89.00	1.94	1.63 S	6.36 E	6.57@	104.36	0.51
3989.00	0.31	61.58	3988.83	90.00	1.54	1.21 S	6.67 E	6.78@	100.31	0.31
4078.00	0.22	277.48	4077.83	89.00	1.41	1.08 S	6.71 E	6.80@	99.11	0.57
4168.00	0.31	247.38	4167.83	90.00	1.46	1.15 S	6.32 E	6.42@	100.29	0.18
4257.00	0.22	213.59	4256.83	89.00	1.68	1.38 S	6.00 E	6.16@	102.97	0.20
4346.00	0.40	161.69	4345.82	89.00	2.11	1.82 S	6.00 E	6.27@	106.86	0.35
4436.00	0.48	145.12	4435.82	90.00	2.74	2.43 S	6.32 E	6.77@	111.02	0.17
** TIED INTO EXTREME ENGINEERING MWD SURVEYS AT 4525'MD.										
4525.00	0.31	141.12	4524.82	89.00	3.25	2.92 S	6.68 E	7.29@	113.61	0.19
THE FOLLOWING ARE PATHFINDER MWD SURVEYS.										
4659.00	0.53	180.05	4658.82	134.00	4.16	3.82 S	6.91 E	7.89@	118.96	0.26
4748.00	0.26	0.67	4747.82	89.00	4.37	4.03 S	6.91 E	8.00@	120.27	0.89
4837.00	1.23	343.65	4836.81	89.00	3.24	2.91 S	6.64 E	7.25@	113.68	1.11

PathFinder – a Schlumberger company

Survey Report

DEVON ENERGY PRODUCTION COMPANY, LP
REBEL 20 FEDERAL #005H
LEA COUNTY, NM
API#: 30-025-42769 Rig: PRECISION #601

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Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft) (ft)		Closure Dist Dir (ft) (deg)		DLS (dg/100ft)
4926.00	2.20	339.61	4925.77	89.00	0.68	0.40 S	5.78 E	5.79@	93.91	1.10
5016.00	2.73	338.03	5015.68	90.00	-2.99	3.21 N	4.37 E	5.43@	53.72	0.59
5105.00	3.34	344.84	5104.56	89.00	-7.53	7.68 N	2.90 E	8.21@	20.71	0.80
5194.00	4.04	349.33	5193.37	89.00	-13.17	13.26 N	1.65 E	13.36@	7.07	0.85
5284.00	4.13	3.80	5283.15	90.00	-19.53	19.61 N	1.27 E	19.65@	3.71	1.15
5373.00	5.01	7.00	5371.86	89.00	-26.54	26.67 N	1.96 E	26.74@	4.20	1.03
5462.00	5.63	6.61	5460.48	89.00	-34.67	34.86 N	2.94 E	34.99@	4.81	0.70
5552.00	5.72	9.74	5550.04	90.00	-43.41	43.67 N	4.20 E	43.87@	5.50	0.36
5641.00	5.89	18.59	5638.58	89.00	-51.99	52.37 N	6.41 E	52.76@	6.98	1.02
5730.00	6.07	23.36	5727.10	89.00	-60.46	61.02 N	9.73 E	61.79@	9.06	0.59
5819.00	6.24	28.87	5815.59	89.00	-68.80	69.57 N	13.93 E	70.95@	11.32	0.69
5909.00	6.60	33.37	5905.02	90.00	-77.13	78.17 N	19.14 E	80.48@	13.76	0.69
5998.00	6.60	33.68	5993.43	89.00	-85.37	86.70 N	24.79 E	90.18@	15.95	0.04
6087.00	6.68	40.01	6081.84	89.00	-93.28	94.92 N	30.95 E	99.84@	18.06	0.83
6176.00	6.33	39.34	6170.26	89.00	-100.71	102.68 N	37.39 E	109.28@	20.01	0.40
6266.00	6.33	38.57	6259.72	90.00	-108.11	110.40 N	43.63 E	118.71@	21.56	0.09
6355.00	5.98	37.71	6348.20	89.00	-115.31	117.90 N	49.52 E	127.88@	22.78	0.41
6445.00	5.98	38.09	6437.71	90.00	-122.42	125.30 N	55.28 E	136.95@	23.81	0.04
6534.00	5.89	38.32	6526.24	89.00	-129.36	132.53 N	60.97 E	145.89@	24.71	0.10
6623.00	6.07	39.03	6614.75	89.00	-136.30	139.77 N	66.77 E	154.90@	25.53	0.22
6713.00	6.16	39.20	6704.24	90.00	-143.43	147.21 N	72.82 E	164.23@	26.32	0.10
6802.00	6.16	38.75	6792.73	89.00	-150.55	154.63 N	78.82 E	173.56@	27.01	0.05
6891.00	5.98	39.93	6881.23	89.00	-157.53	161.91 N	84.79 E	182.77@	27.64	0.25
6981.00	5.80	41.71	6970.75	90.00	-164.21	168.90 N	90.82 E	191.77@	28.27	0.28
7070.00	5.45	40.97	7059.32	89.00	-170.47	175.45 N	96.59 E	200.28@	28.83	0.40
7159.00	5.19	41.03	7147.94	89.00	-176.42	181.68 N	102.00 E	208.35@	29.31	0.29
7249.00	5.01	40.22	7237.58	90.00	-182.23	187.75 N	107.21 E	216.20@	29.73	0.22
7338.00	4.75	43.08	7326.26	89.00	-187.63	193.41 N	112.24 E	223.62@	30.13	0.40

PathFinder – a Schlumberger company

Survey Report

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REBEL 20 FEDERAL #005H
LEA COUNTY, NM
API#: 30-025-42769 Rig: PRECISION #601

Page 04/07

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft)		Closure Dist Dir (ft) (deg)		DLS (dg/100ft)
7428.00	4.92	42.97	7415.94	90.00	-192.91	198.95 N	117.41 E	231.02@	30.55	0.19
7517.00	4.92	44.55	7504.61	89.00	-198.16	204.47 N	122.69 E	238.45@	30.97	0.15
7606.00	4.66	46.01	7593.30	89.00	-203.12	209.70 N	127.97 E	245.66@	31.39	0.32
7695.00	4.57	45.29	7682.01	89.00	-207.87	214.70 N	133.09 E	252.61@	31.79	0.12
7785.00	4.22	45.70	7771.75	90.00	-212.46	219.54 N	138.01 E	259.31@	32.15	0.39
7874.00	4.13	47.38	7860.51	89.00	-216.68	224.00 N	142.71 E	265.59@	32.50	0.17
7963.00	3.78	49.53	7949.30	89.00	-220.52	228.07 N	147.30 E	271.50@	32.86	0.43
8053.00	2.99	50.41	8039.14	90.00	-223.74	231.49 N	151.37 E	276.59@	33.18	0.88
8142.00	2.64	51.54	8128.03	89.00	-226.32	234.25 N	154.76 E	280.75@	33.45	0.40
8232.00	2.46	51.15	8217.95	90.00	-228.66	236.75 N	157.89 E	284.56@	33.70	0.20
8321.00	2.20	52.36	8306.87	89.00	-230.76	238.99 N	160.73 E	288.01@	33.92	0.30
8410.00	1.49	49.84	8395.83	89.00	-232.44	240.78 N	162.97 E	290.74@	34.09	0.80
8500.00	0.62	64.33	8485.81	90.00	-233.34	241.74 N	164.30 E	292.29@	34.20	1.00
8589.00	0.35	58.43	8574.81	89.00	-233.65	242.09 N	164.96 E	292.95@	34.27	0.31
8679.00	0.09	95.64	8664.81	90.00	-233.77	242.23 N	165.27 E	293.24@	34.30	0.32
8768.00	0.09	148.81	8753.81	89.00	-233.70	242.16 N	165.37 E	293.24@	34.33	0.09
8857.00	0.44	145.00	8842.80	89.00	-233.35	241.82 N	165.61 E	293.09@	34.40	0.39
8947.00	0.88	164.97	8932.80	90.00	-232.38	240.87 N	165.98 E	292.52@	34.57	0.54
9036.00	0.70	143.94	9021.79	89.00	-231.26	239.77 N	166.48 E	291.90@	34.77	0.38
9126.00	0.88	120.87	9111.78	90.00	-230.42	238.97 N	167.40 E	291.77@	35.01	0.40
9215.00	0.79	123.63	9200.77	89.00	-229.67	238.28 N	168.50 E	291.84@	35.26	0.11
9304.00	0.44	132.38	9289.77	89.00	-229.07	237.71 N	169.26 E	291.82@	35.45	0.41
9394.00	0.09	134.00	9379.77	90.00	-228.77	237.43 N	169.56 E	291.76@	35.53	0.39
9483.00	0.18	183.84	9468.77	89.00	-228.58	237.24 N	169.61 E	291.63@	35.56	0.16
9572.00	0.53	233.61	9557.76	89.00	-228.21	236.86 N	169.26 E	291.12@	35.55	0.49
9662.00	0.53	222.42	9647.76	90.00	-227.69	236.31 N	168.65 E	290.32@	35.52	0.11
9751.00	0.62	217.68	9736.76	89.00	-227.04	235.62 N	168.08 E	289.43@	35.50	0.11
9840.00	0.88	222.39	9825.75	89.00	-226.19	234.74 N	167.32 E	288.27@	35.48	0.30

PathFinder – a Schlumberger company

Survey Report

DEVON ENERGY PRODUCTION COMPANY, LP
REBEL 20 FEDERAL #005H
LEA COUNTY, NM
API#: 30-025-42769 Rig: PRECISION #601

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Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft) (ft)		Closure Dist Dir (ft) (deg)		DLS (dg/100ft)
9930.00	1.14	214.83	9915.73	90.00	-224.99	233.49 N	166.34 E	286.68@	35.47	0.32
9990.00	1.14	206.97	9975.72	60.00	-224.00	232.47 N	165.73 E	285.50@	35.49	0.26
10043.00	1.41	174.58	10028.71	53.00	-222.89	231.35 N	165.56 E	284.48@	35.59	1.43
10087.00	5.89	181.16	10072.61	44.00	-220.10	228.55 N	165.56 E	282.22@	35.92	10.21
10132.00	9.76	185.60	10117.18	45.00	-214.02	222.44 N	165.14 E	277.04@	36.59	8.70
10177.00	13.98	184.38	10161.21	45.00	-204.85	213.22 N	164.35 E	269.22@	37.63	9.39
10221.00	17.76	182.60	10203.53	44.00	-192.89	201.22 N	163.64 E	259.36@	39.12	8.66
10266.00	21.90	183.70	10245.85	45.00	-177.72	185.98 N	162.79 E	247.16@	41.20	9.24
10311.00	26.20	184.80	10286.93	45.00	-159.52	167.70 N	161.42 E	232.76@	43.91	9.61
10355.00	29.81	182.72	10325.77	44.00	-139.00	147.09 N	160.08 E	217.40@	47.42	8.50
10400.00	32.98	179.70	10364.18	45.00	-115.63	123.66 N	159.62 E	201.91@	52.23	7.86
10445.00	37.02	178.73	10401.04	45.00	-89.84	97.86 N	159.98 E	187.54@	58.55	9.06
10489.00	37.28	179.35	10436.11	44.00	-63.28	71.29 N	160.43 E	175.55@	66.04	1.04
10534.00	39.48	180.15	10471.38	45.00	-35.37	43.35 N	160.54 E	166.29@	74.89	5.01
10579.00	43.09	181.96	10505.19	45.00	-5.76	13.67 N	159.98 E	160.56@	85.12	8.45
10623.00	45.37	182.76	10536.72	44.00	24.81	16.99 S	158.71 E	159.62@	96.11	5.33
10668.00	49.24	183.57	10567.23	45.00	57.69	50.01 S	156.88 E	164.66@	107.68	8.70
10713.00	54.34	183.40	10595.05	45.00	92.82	85.29 S	154.73 E	176.68@	118.86	11.34
10757.00	58.21	181.66	10619.48	44.00	129.25	121.84 S	153.13 E	195.69@	128.51	9.39
10802.00	61.55	178.61	10642.06	45.00	168.11	160.75 S	153.06 E	221.96@	136.40	9.46
10847.00	64.46	178.05	10662.49	45.00	208.20	200.83 S	154.23 E	253.21@	142.48	6.56
10891.00	67.80	178.98	10680.29	44.00	248.41	241.04 S	155.27 E	286.72@	147.21	7.83
10936.00	71.84	179.16	10695.81	45.00	290.62	283.27 S	155.95 E	323.36@	151.17	8.99
10981.00	75.89	179.50	10708.31	45.00	333.81	326.48 S	156.45 E	362.03@	154.40	9.03
11025.00	79.84	179.27	10717.56	44.00	376.78	369.49 S	156.92 E	401.43@	156.99	8.99
11070.00	82.75	179.11	10724.37	45.00	421.23	413.96 S	157.55 E	442.93@	159.16	6.48
11115.00	86.00	177.99	10728.78	45.00	466.00	458.72 S	158.68 E	485.39@	160.92	7.64
11159.00	88.37	177.80	10730.94	44.00	509.94	502.64 S	160.29 E	527.58@	162.31	5.40

PathFinder – a Schlumberger company

Survey Report

DEVON ENERGY PRODUCTION COMPANY, LP
REBEL 20 FEDERAL #005H
LEA COUNTY, NM
API#: 30-025-42769 Rig: PRECISION #601

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Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft)		Closure Dist Dir (ft) (deg)		DLS (dg/100ft)
11209.00	89.34	177.68	10731.94	50.00	559.92	552.59 S	162.27 E	575.92@	163.64	1.95
11298.00	90.22	177.85	10732.28	89.00	648.92	641.52 S	165.74 E	662.58@	165.51	1.01
11387.00	90.48	178.62	10731.74	89.00	737.90	730.47 S	168.48 E	749.65@	167.01	0.91
11477.00	90.56	179.14	10730.92	90.00	827.86	820.45 S	170.24 E	837.93@	168.28	0.58
11566.00	90.57	179.73	10730.04	89.00	916.78	909.44 S	171.11 E	925.40@	169.34	0.66
11655.00	89.60	179.23	10729.91	89.00	1005.71	998.44 S	171.92 E	1013.13@	170.23	1.23
11745.00	89.87	179.06	10730.33	90.00	1095.65	1088.43 S	173.26 E	1102.13@	170.96	0.35
11834.00	90.04	179.01	10730.40	89.00	1184.61	1177.41 S	174.76 E	1190.31@	171.56	0.20
11923.00	88.20	178.93	10731.76	89.00	1273.55	1266.38 S	176.36 E	1278.61@	172.07	2.07
12013.00	88.99	178.89	10733.97	90.00	1363.48	1356.34 S	178.07 E	1367.98@	172.52	0.88
12102.00	88.99	179.44	10735.54	89.00	1452.41	1445.32 S	179.37 E	1456.40@	172.93	0.62
12191.00	89.52	180.08	10736.70	89.00	1541.31	1534.31 S	179.74 E	1544.80@	173.32	0.93
12281.00	89.60	180.37	10737.39	90.00	1631.18	1624.30 S	179.39 E	1634.18@	173.70	0.33
12370.00	90.48	181.68	10737.33	89.00	1719.98	1713.29 S	177.80 E	1722.49@	174.08	1.77
12459.00	89.87	181.05	10737.05	89.00	1808.74	1802.26 S	175.68 E	1810.80@	174.43	0.99
12549.00	89.16	179.41	10737.82	90.00	1898.60	1892.25 S	175.32 E	1900.36@	174.71	1.99
12638.00	89.78	180.11	10738.64	89.00	1987.51	1981.25 S	175.69 E	1989.02@	174.93	1.05
12728.00	89.69	180.11	10739.06	90.00	2077.39	2071.25 S	175.52 E	2078.67@	175.16	0.10
12817.00	88.90	179.12	10740.15	89.00	2166.30	2160.24 S	176.12 E	2167.40@	175.34	1.42
12907.00	88.29	179.72	10742.36	90.00	2256.20	2250.20 S	177.03 E	2257.16@	175.50	0.95
12996.00	88.72	179.02	10744.68	89.00	2345.10	2339.17 S	178.00 E	2345.93@	175.65	0.92
13086.00	88.72	179.85	10746.69	90.00	2435.01	2429.14 S	178.89 E	2435.72@	175.79	0.92
13175.00	89.60	179.13	10747.99	89.00	2523.93	2518.12 S	179.68 E	2524.53@	175.92	1.28
13264.00	90.31	179.29	10748.06	89.00	2612.87	2607.12 S	180.91 E	2613.39@	176.03	0.82
13354.00	91.10	179.49	10746.96	90.00	2702.79	2697.10 S	181.87 E	2703.23@	176.14	0.91
13443.00	90.13	178.92	10746.00	89.00	2791.73	2786.09 S	183.10 E	2792.10@	176.24	1.26
13533.00	89.78	178.86	10746.07	90.00	2881.69	2876.07 S	184.85 E	2882.00@	176.32	0.39
13622.00	89.34	178.27	10746.76	89.00	2970.66	2965.04 S	187.08 E	2970.93@	176.39	0.83

PathFinder – a Schlumberger company

Survey Report

DEVON ENERGY PRODUCTION COMPANY, LP
 REBEL 20 FEDERAL #005H
 LEA COUNTY, NM
 API#: 30-025-42769 Rig: PRECISION #601

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Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets		Closure Dist Dir		DLS (dg/100ft)
(ft)	(deg)	(deg)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(deg)	(dg/100ft)
13711.00	89.87	178.29	10747.37	89.00	3059.64	3054.00 S	189.75 E	3059.89@	176.44	0.60
13801.00	90.66	178.59	10746.95	90.00	3149.62	3143.96 S	192.20 E	3149.83@	176.50	0.94
13890.00	91.45	178.49	10745.31	89.00	3238.58	3232.92 S	194.46 E	3238.76@	176.56	0.89
13980.00	90.92	178.10	10743.45	90.00	3328.54	3322.86 S	197.14 E	3328.70@	176.60	0.73
14069.00	90.04	177.56	10742.71	89.00	3417.53	3411.79 S	200.51 E	3417.68@	176.64	1.16
14158.00	90.57	178.16	10742.23	89.00	3506.52	3500.73 S	203.84 E	3506.65@	176.67	0.90
14248.00	90.57	178.37	10741.34	90.00	3596.50	3590.68 S	206.56 E	3596.62@	176.71	0.23
14337.00	91.63	178.12	10739.63	89.00	3685.47	3679.62 S	209.29 E	3685.57@	176.74	1.22
14427.00	89.96	178.13	10738.38	90.00	3775.44	3769.56 S	212.23 E	3775.53@	176.78	1.86
14516.00	90.40	178.22	10738.10	89.00	3864.43	3858.51 S	215.06 E	3864.50@	176.81	0.50
14605.00	91.10	178.39	10736.94	89.00	3953.40	3947.47 S	217.70 E	3953.47@	176.84	0.81
14695.00	88.90	178.05	10736.94	90.00	4043.38	4037.42 S	220.49 E	4043.44@	176.87	2.47
14784.00	89.16	178.15	10738.44	89.00	4132.36	4126.36 S	223.44 E	4132.40@	176.90	0.31
14873.00	89.08	178.53	10739.81	89.00	4221.33	4215.31 S	226.02 E	4221.36@	176.93	0.44
14963.00	89.34	178.54	10741.05	90.00	4311.29	4305.27 S	228.32 E	4311.32@	176.96	0.29
15052.00	89.69	179.64	10741.80	89.00	4400.24	4394.25 S	229.73 E	4400.26@	177.01	1.30
15141.00	90.22	179.43	10741.87	89.00	4489.16	4483.25 S	230.46 E	4489.17@	177.06	0.64
15231.00	90.66	179.69	10741.18	90.00	4579.08	4573.25 S	231.15 E	4579.08@	177.11	0.57
STRAIGHT LINE PROJECTION TO BIT DEPTH AT 15303'MD.										
15303.00	90.66	179.69	10740.35	72.00	4651.01	4645.24 S	231.54 E	4651.01@	177.15	0.00

** The survey data at tie-in point was furnished by a recognized survey company and entered as submitted. Survey stations above the tie-in point represent recalculated data by PathFinder – a Schlumberger company and may reflect minor changes due to rounding differences between survey programs. Only survey stations taken by qualified PathFinder personnel are subject to certification.