

DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

 FORM APPROVED
 OMB NO. 1004-0137
 Expires: November 30, 2000

C/SF

- 1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry Other
- b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
 Other _____

2. Name of Operator **Wally Frank**
Devon Energy Production Company, L.P. Senior Operations Engr.

3. Address **20 N. Broadway, Suite 1500, OKC, OK 73102**
 3a. Phone No. (Include area code) **(405)552-4595**

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At Surface 1820' FSL & 1650' FWL, Unit K, Section 34-T21S-R24E
At top prod. interval reported below 1988' FSL & 2329' FWL, Unit K, Section 34-T21S-R24E
At total depth 1983' FSL & 2291' FWL, Unit K, Section 34-T21S-R24E

14. Date Spudded **07/27/2002**
 15. Date T.D. Reached **08/14/2002**
 16. Date Completed ☐ D & A ☒ Ready to Prod. **9-10-2002**

18. Total Depth: MD 8780' TVD 8685'
 19. Plug Back T.D.: MD 8683' TVD
 20. Depth Bridge Plug Set: MD TVD

21. Type of Electric & Other Mechanical Logs Run (Submit copy of each)
Platform Express Three Detector Litho-Density Compensated Neutron/NGT, Azimuthal Laterolog MCFL/NGT and CBL logs

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
 Was DST run? ☒ No ☐ Yes (Submit analysis)
 Directional Survey? ☐ No ☒ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2"	13 3/8" H-40	48#	surface	207'	existing	200 sx Class C		surface	
12 1/4"	8 5/8" J-55	24/32#	surface	2784'	existing	2130 sx CI		surface	
7 7/8"	5 1/2" J-55	17/15.5#	surface	8779'		220 sx CI C + 1495 sx Poz C		surface	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8" 4.7# L80 /EOM	8114'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Upper Penn	7718'	8420'	8026-8134'	0.40"	80	open
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
8026-8134'	8000 gals 20% NeFe + 100 BS

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
9-12-02	9-17-02	24	→	131	550	3197	40 deg		360 HP, TD-3000 submersible pump

Choice Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status
			→	131	550	3197	4198/1	producing

Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	DEC 23 2002
			→							
Choke Size	Tbg. Press Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status		<i>acc</i> ALEXIS C. SWOBODA PETROLEUM ENGINEER
			→							

ACCEPTED FOR RECORD

DEC 23 2002

 ALEXIS C. SWOBODA
 PETROLEUM ENGINEER

Choke	Thg. Press	Csg.
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28c. Production - Interval D

11

IS

2000

tests, including depth in

for	1000000
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1. *Journal of the American Medical Association*, 1997; 277: 1039-1043.

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1. *Journal of the American Medical Association*, 1997; 277: 1039-1043.

1. *Journal of Management Studies*, 1997, 34, 1, 1-14.

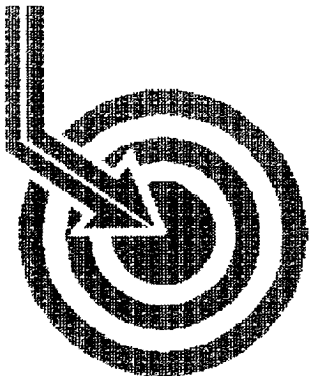
1. *Journal of the American Medical Association*, 2000; 283: 2686-2692.

32. Additional remarks (inclu

QUALITATIVE RESEARCH DESIGN

✓

101-181135-101



Scientific Drilling

DEVON ENERGY

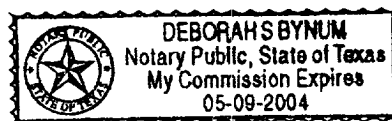
Field: Indian Basin
Site: Eddy County, NM
Well: Righthand Canyon 34 Fed. #4
Wellpath: VH - Job #32K0902316
Survey: 9/8/02

This survey is correct to the best of my knowledge
and is supported by actual field data.

David Noddy
.....Company Representative

Notorized this date 23rd of September, 2002.

Deborah Sue Bynum
Notary Signature
County of Midland
State of Texas



Scientific Drilling International

Survey Report

Company: DEVON ENERGY Field: Indian Basin Site: Eddy County, NM Well: Righthand Canyon 34 Fed. #4 Wellpath: VH - Job #32K0902316	Date: 9/23/2002 Time: 16:26:39 Page: 1 Co-ordinate(NE) Reference: Site: Eddy County, NM, True North Vertical (TVD) Reference: SITE 0.0 above Mean Sea Level Section (VS) Reference: Well (0.0E,0.0N,76.7Azi) Survey Calculation Method: Minimum Curvature
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Survey: 9/8/02 KSRG 0'-8650'	Start Date: 9/3/2002 Company: Scientific Drilling International Tool: Keeper Engineer: Angel Guebara
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Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	ClsD ft	ClsA deg	DLS deg/100ft
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.0	0.00	0.00
100.0	0.59	146.33	100.0	0.2	-0.4	0.3	0.5	146.33	0.59
200.0	0.55	148.60	200.0	0.5	-1.3	0.8	1.5	147.05	0.05
300.0	0.51	151.51	300.0	0.8	-2.1	1.3	2.4	148.17	0.05
400.0	0.80	151.39	400.0	1.1	-3.1	1.8	3.6	149.22	0.29
500.0	0.45	153.92	500.0	1.3	-4.0	2.3	4.7	149.94	0.34
600.0	0.38	134.78	600.0	1.6	-4.6	2.7	5.4	149.31	0.16
700.0	0.24	150.82	700.0	1.8	-5.0	3.1	5.9	148.55	0.16
800.0	0.13	2.55	800.0	1.9	-5.1	3.2	6.0	148.04	0.36
900.0	0.52	329.70	900.0	1.8	-4.6	3.0	5.5	147.25	0.42
1000.0	0.87	314.71	1000.0	1.3	-3.7	2.2	4.3	149.18	0.39
1100.0	1.21	320.64	1099.9	0.4	-2.3	1.0	2.6	156.97	0.35
1200.0	1.30	318.04	1199.9	-0.6	-0.7	-0.4	0.8	211.76	0.11
1300.0	2.34	311.66	1299.9	-2.3	1.5	-2.7	3.1	299.12	1.06
1400.0	2.30	305.51	1399.8	-4.8	4.0	-5.9	7.1	304.49	0.25
1500.0	1.69	304.14	1499.7	-7.1	6.0	-8.7	10.6	304.63	0.62
1600.0	1.73	309.83	1599.7	-9.0	7.8	-11.1	13.6	305.16	0.17
1700.0	1.52	308.04	1699.6	-10.7	9.6	-13.3	16.4	305.82	0.21
1800.0	1.53	305.83	1799.6	-12.4	11.2	-15.4	19.1	305.97	0.06
1900.0	1.32	311.69	1899.6	-14.0	12.7	-17.4	21.6	306.27	0.25
2000.0	1.52	309.72	1999.5	-15.4	14.4	-19.3	24.0	306.72	0.20
2100.0	1.36	311.08	2099.5	-16.9	16.0	-21.2	26.5	307.06	0.16
2200.0	1.08	317.33	2199.5	-18.1	17.5	-22.7	28.6	307.57	0.31
2300.0	1.20	312.50	2299.5	-19.1	18.9	-24.1	30.6	308.04	0.15
2400.0	1.24	309.97	2399.4	-20.4	20.3	-25.7	32.7	308.24	0.07
2500.0	1.05	313.63	2499.4	-21.5	21.6	-27.2	34.7	308.44	0.20
2600.0	1.32	313.02	2599.4	-22.6	23.0	-28.7	36.8	308.71	0.27
2700.0	1.11	309.92	2699.4	-23.9	24.4	-30.3	38.9	308.87	0.21
2800.0	1.25	307.76	2799.4	-25.1	25.7	-31.9	41.0	308.86	0.14
2900.0	0.90	310.51	2899.3	-26.3	26.9	-33.4	42.8	308.87	0.35
3000.0	0.97	326.89	2999.3	-27.0	28.1	-34.4	44.4	309.23	0.27
3100.0	0.89	311.72	3099.3	-27.8	29.3	-35.5	46.0	309.59	0.26
3200.0	0.96	301.94	3199.3	-28.8	30.3	-36.8	47.6	309.49	0.17
3300.0	0.59	329.30	3299.3	-29.5	31.2	-37.7	48.9	309.57	0.51
3400.0	0.41	324.93	3399.3	-29.8	31.9	-38.2	49.8	309.88	0.18
3500.0	0.39	306.22	3499.3	-30.2	32.4	-38.7	50.5	309.96	0.13
3600.0	0.17	327.43	3599.3	-30.5	32.7	-39.0	50.9	309.99	0.24
3700.0	0.30	230.61	3699.3	-30.7	32.7	-39.3	51.1	309.75	0.36
3800.0	0.20	194.35	3799.3	-31.1	32.4	-39.6	51.1	309.29	0.18
3900.0	0.38	216.31	3899.3	-31.4	31.9	-39.8	51.0	308.74	0.21
4000.0	0.71	80.31	3999.3	-31.0	31.8	-39.4	50.6	308.89	1.02
4100.0	6.05	78.24	4099.1	-25.1	33.0	-33.6	47.1	314.44	5.35
4200.0	6.65	77.41	4198.5	-14.1	35.3	-22.8	42.0	327.14	0.60
4300.0	7.96	76.21	4297.6	-1.4	38.2	-10.4	39.6	344.74	1.32
4400.0	8.25	75.93	4396.6	12.7	41.6	3.3	41.7	4.48	0.29
4500.0	8.36	78.16	4495.6	27.2	44.8	17.3	48.1	21.14	0.34
4600.0	8.53	82.71	4594.5	41.8	47.3	31.8	57.0	33.94	0.69
4700.0	8.65	88.03	4693.4	56.6	48.5	46.7	67.3	43.93	0.80

Scientific Drilling International

Survey Report

Company: DEVON ENERGY Field: Indian Basin Site: Eddy County, NM Well: Righthand Canyon 34 Fed. #4 Wellpath: VH - Job #32K0902316	Date: 9/23/2002 Co-ordinate(NE) Reference: Vertical (TVD) Reference: Section (VS) Reference: Survey Calculation Method:	Time: 16:26:39 Site: Eddy County, NM, True North SITE 0.0 above Mean Sea Level Well (0.0E,0.0N,76.7Azi) Minimum Curvature	Page: 2
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Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	ClsD ft	ClsA deg	DLS deg/100ft
4800.0	8.64	90.02	4792.3	71.2	48.7	61.7	78.6	51.71	0.30
4900.0	8.36	87.03	4891.2	85.7	49.1	76.5	90.9	57.30	0.52
5000.0	9.81	78.85	4989.9	101.4	51.1	92.1	105.3	60.97	1.93
5100.0	10.84	78.94	5088.3	119.3	54.6	109.7	122.5	63.55	1.04
5200.0	12.08	77.09	5186.3	139.2	58.7	129.1	141.8	65.55	1.29
5300.0	13.70	77.70	5283.8	161.5	63.6	150.9	163.7	67.15	1.62
5400.0	14.38	79.38	5380.8	185.7	68.4	174.7	187.6	68.62	0.80
5500.0	15.36	78.15	5477.4	211.3	73.4	199.8	212.9	69.83	1.03
5600.0	18.43	77.67	5573.1	240.4	79.5	228.2	241.7	70.80	3.08
5700.0	19.53	76.41	5667.7	272.9	86.8	259.9	274.0	71.54	1.17
5800.0	19.29	76.78	5762.0	306.2	94.5	292.3	307.2	72.08	0.27
5900.0	19.69	77.98	5856.3	339.5	101.8	324.8	340.4	72.60	0.56
6000.0	20.24	79.99	5950.2	373.6	108.3	358.3	374.3	73.18	0.88
6100.0	19.19	80.94	6044.4	407.3	113.9	391.6	407.8	73.78	1.10
6200.0	18.49	82.33	6139.0	439.5	118.6	423.5	439.8	74.36	0.84
6300.0	16.45	82.26	6234.4	469.3	122.6	453.3	469.6	74.86	2.04
6400.0	15.75	82.62	6330.5	496.9	126.3	480.8	497.1	75.29	0.71
6500.0	14.93	84.62	6426.9	523.2	129.2	507.1	523.3	75.70	0.97
6600.0	14.36	85.37	6523.7	548.2	131.4	532.3	548.2	76.13	0.60
6700.0	13.70	84.16	6620.7	572.2	133.6	556.4	572.2	76.50	0.72
6800.0	13.07	78.90	6718.0	595.3	137.0	579.3	595.3	76.69	1.37
6900.0	13.14	78.86	6815.4	617.9	141.4	601.5	617.9	76.77	0.07
7000.0	12.42	82.70	6912.9	640.0	144.9	623.3	640.0	76.91	1.12
7100.0	11.46	79.43	7010.7	660.6	148.1	643.8	660.6	77.04	1.17
7200.0	9.88	75.89	7109.0	679.1	152.1	661.9	679.1	77.06	1.71
7300.0	7.91	68.36	7207.8	694.5	156.7	676.6	694.5	76.96	2.29
7400.0	5.49	59.60	7307.1	705.9	161.6	687.1	705.9	76.76	2.61
7500.0	3.02	48.91	7406.8	712.8	165.8	693.2	712.8	76.55	2.59
7600.0	0.85	39.02	7506.8	715.7	168.1	695.7	715.7	76.42	2.19
7700.0	0.95	278.14	7606.8	715.5	168.8	695.3	715.5	76.36	1.56
7800.0	2.55	257.90	7706.7	712.5	168.4	692.3	712.5	76.33	1.69
7900.0	3.89	266.49	7806.5	706.9	167.8	686.8	707.0	76.27	1.42
8000.0	4.86	273.69	7906.3	699.5	167.8	679.2	699.6	76.12	1.11
8100.0	5.41	269.49	8005.9	690.9	168.1	670.2	691.0	75.92	0.66
8200.0	6.09	256.55	8105.4	681.0	166.8	660.3	681.1	75.83	1.46
8300.0	3.54	253.94	8205.0	672.6	164.7	652.2	672.7	75.83	2.56
8400.0	1.42	269.38	8304.9	668.3	163.8	648.0	668.4	75.81	2.20
8500.0	1.69	260.30	8404.9	665.6	163.6	645.3	665.7	75.78	0.37
8600.0	1.49	254.86	8504.8	662.9	163.0	642.6	663.0	75.77	0.25
8650.0	1.48	259.68	8554.8	661.6	162.7	641.3	661.7	75.77	0.25



Scientific
Drilling

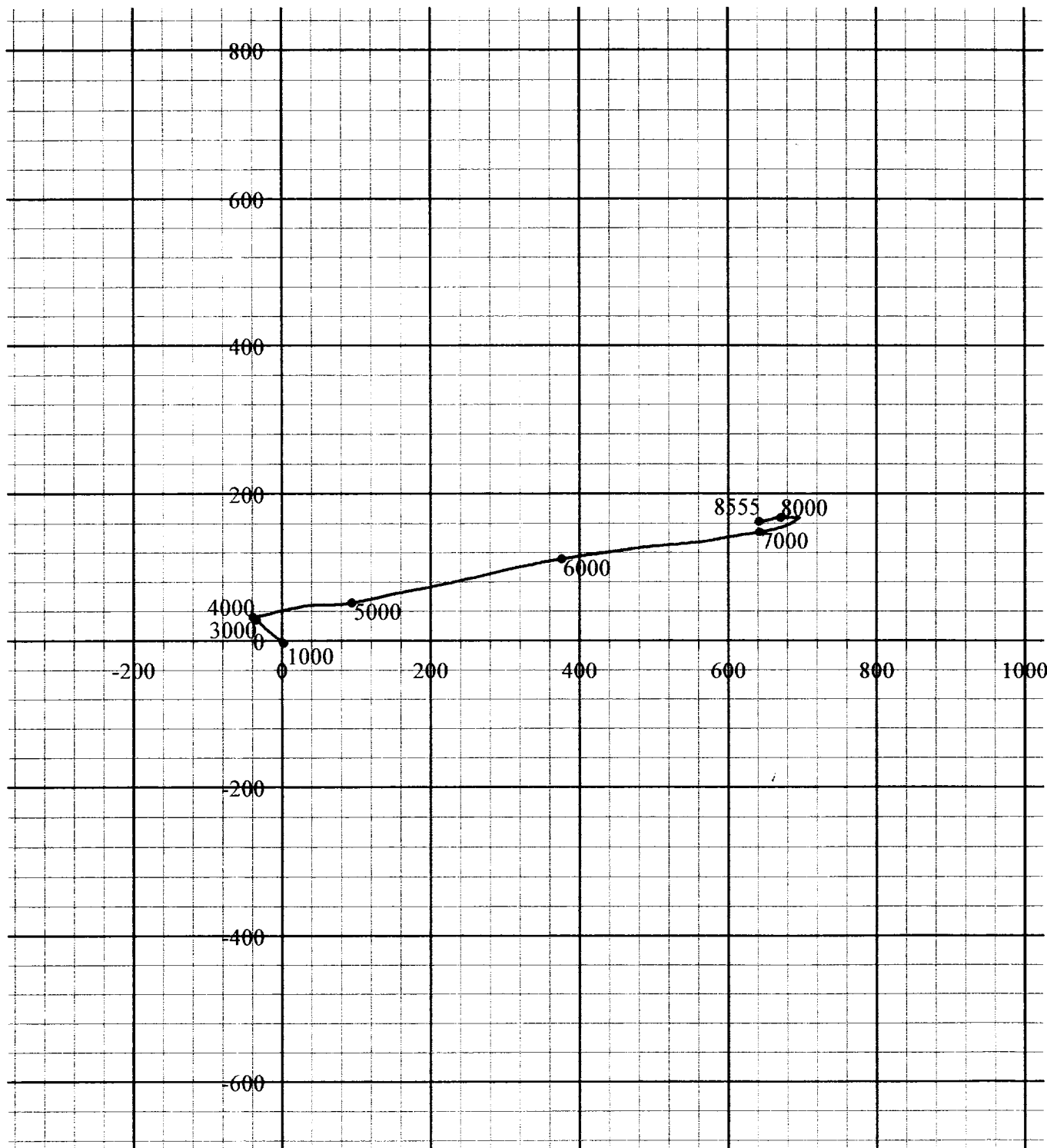
Field: Indian Basin
Location: Eddy County, NM
Well: Righthand Canyon 34 Fed. #4
Wellpath: VH - Job #32K0902316
Survey: 9/8/02



All Angles Relative
To True North

True North: 0.00
Magnetic North: 0.00

South(-)/North(+) [100ft/in]



West(-)/East(+) [100ft/in]