(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

*revised items 24, 25, 30, AND 31

CONFIDENTIAL COPY

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NM-NM81219

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

6. If Indian, Allottee or Tribe Name: N/A

7. Unit or CA Agreement Name and no.: N/A

2. Name of Operator: Devon Energy Production Company, L.P.
Robert P. Elliott
Operations Engr Advisor

8. Lease Name and Well No.: Old Ranch Canyon 7 Federal #7

3. Address: 20 N. Broadway, suite 1500, OKC, OK 73102

3.a Phone No. *(Include area code)*: (405)228-8609

9. API Well No.: 30-015-32604

4. Location of Well *(Report location clearly and in accordance with Federal requirements)**

At Surface 1598' FNL & 1097' FWL, Lot 2, Section 7-T22S-R24E, Eddy Cnty, NM

At top prod. interval reported below 864' FNL & 779' FWL, Lot 1, Section 7-T22S-R24E

*At total depth 625' FNL & 700' FWL, Lot 1, Section 7-T22S-R24E

10. Field and Pool, or Exploratory: Indian Basin (Upper Penn) Assoc.

11. Sec., T., R., M., on Block and Survey or Area 7-22S-24E

12. County or Parish: Eddy Cnty, 13. State: New Mexico

14. Date Spudded	15. Date T.D. Reached	16. Date Completed ☐ D & A ☒ Ready to Prod.	17. Elevations (DF, RKB, RT, GL)*
02/27/2003	05/08/2003	05/28/2003	GL 4000', DF 4016', KB 4017'

18. Total Depth: MD 8300 TVD 8067'	19. Plug Back T.D.: MD 8290' TVD 8058'	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/VD/GR/CCL

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12 1/4"	9 5/8" K55	36#	surface	1602'		see item 32		surface	
8 3/4"	7" J-55 /	23#	surface	8300'		see item 32		4690' CBL	
	HCL-80								

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 7/8"	6.5# L80 /ESP 8252'							

25. Producing Intervals

Formation	Top	Bottom
A) Cisco Reef	7715'	8122'
B)		
C)		
D)		

26. Perforation Record

Perforated Interval	Size	No. Holes	Perf. Status
7738-7776'	.41" EHD	62	Producing
7786-7889'	.41" EHD	179	Producing
7893-7959'	.41" EHD	49	Producing
8058-8122'	.41" EHD	10	Producing

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

Depth Interval	Amount and Type of Material
7738-8122'	31,000 gals 20% HCl + 300 BS

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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
5/29/03	10-31-03	24	→	1	1500	260	40 degs	0.628 degs	ESP TD-3000 pumps

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status
			→	1	1500	260		Producing

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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
			→						

Choke Size	Tbg. Press Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status
			→					

(See Instructions and spaces for additional data on reverse side)

DEPCO: Old Ranch Canyon 7 Fed 7; Sec 7-22S-24E, Eddy, NM; API 30-015-32604

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status

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

sold

*30. Summary of Porous Zones (Include Aquifers):

Show all important zones or porsity and contents thereof: Cored intervals and all drill-stem tests, inlcuding depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

*31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
Cicso Reef	7715'	8122'		Glorietta	2230'
				Bone Spring	2811'
				3rd Bone Spring	6437'
				Wolfcamp	6906'
				Upper Penn	7331'
				Cisco Reef	7715'
				TD	8300'

32. Additional remarks (include plugging procedure):

Lost returns at 893', set 250 sx cement plug at 890'.
9 5/8" casing cemented with 800 sx Howco Prem Plus, yield 1.34 cf/sx + topped down 1" pipe with pea gravel + 1030 sx Prem Plus, yield 2.01-1.41 cf/sx.
Set 100 sx cement plug 7535-7385' to control a hole washout.
7" casing cemented with 130 sx 15/61/11 Pozmix C, yield 1.58 cf/sx + 1280 sx 60/40 Pozmix C, yield 1.34-1.37 cf/sx.

33. Circle enclosed attachments:

(1.) Electrical/Mechanical Logs (1 full set req'd.) 2. Geological Report 3. DST Report (4.) Directional Survey
5. Sundry Notice for plugging and cement verification 6. Core Analysis (7.) Other - deviation survey

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name *(please print)* Candace R. Graham 405-235-3611 X4520 Title Operations Tech. II (candi.graham@dvn.com)

Signature Candace R. Graham Date 11/21/2003

Title 18 U.S.C. Section 101 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States and false, fictitious or fradulent statements or representations as to any matter within its jurisdiction.

WELL NAME AND NUMBER Old Ranch Canyon 7 Federal No. 7

LOCATION Section 7, T22E, R24E, 1097' FWL & 1598' FNL, Eddy County NM

OPERATOR Devon Energy Production Company, L.P.

DRILLING CONTRACTOR United Drilling, Inc.

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and had conducted deviation tests and obtained the following results:

Degrees @ Depth	Degrees @ Depth	Degrees @ Depth
1/2° 489'		
1° 1012'		
1-1/4° 1575'		

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Drilling Contractor United Drilling, Inc.

By: George A. Aho

Title: Business Manager

Subscribed and sworn to before me this 10th day of March, 2003.

Notary Public

My Commission Expires: 09-25-03

Chaves County NM State

OPERATOR: DEVON ENERGY PROD. CO. LP 005-0019
WELL/LEASE: OLD RANCH CANYON 7 FED. 7
COUNTY: EDDY

STATE OF NEW MEXICO
DEVIATION REPORT

1,620	3/4
2,117	1 1/2
2,621	1 1/4
3,116	1
3,615	1
4,087	3/4
4,592	1/2

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OCD-ARTESIA

By: Steve Moore

STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on this 5th day of May, 2003, by Steve Moore on behalf of Patterson-UTI Drilling Company LP, LLLP.

Joni D. Hodges
Notary Public for Midland County, Texas

My Commission Expires: 4/08/2007

JONI D. HODGES
NOTARY PUBLIC
STATE OF TEXAS
My Comm. Expires 4-8-2007

Scientific Drilling

DEVON ENERGY

Field: Indian Basin
Site: Eddy County, NM
Well: Old Ranch Canyon 7 Fed. #7
Wellpath: VH - Job #32K0503251
Survey: 05/21/03

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

Darryl Moody .....Company Representative

Notorized this date 13th of July, 2003.

Deborah Sue Bynum
Notary Signature
County of Midland
State of Texas

DEBORAH S BYNUM
Notary Public, State of Texas
My Commission Expires
05-09-2004

Scientific Drilling
Survey Report

Company:	DEVON ENERGY	**Date:** 7/13/2003	**Time:** 19:25:34	**Page:**	1
Field:	Indian Basin	**Co-ordinate(NE) Reference:**	Site: Eddy County, NM, True North		
Site:	Eddy County, NM	**Vertical (TVD) Reference:**	SITE 0.0		
Well:	Old Ranch Canyon 7 Fed. #7	**Section (VS) Reference:**	Well (0.00N,0.00E,337.82Azi)		
Wellpath:	VH - Job #32K0503251	**Survey Calculation Method:**	Minimum Curvature	**Db:**	Sybase

Survey:	05/21/03 KSRG 0'-8310'	**Start Date:**	5/21/2003
Company:	Scientific Drilling	**Engineer:**	Ron Drake
Tool:	Keeper,Keeper Gyro	**Tied-to:**	From Surface

Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.0	0.00
100.0	0.74	0.87	100.0	0.6	0.6	0.0	0.74	0.6	0.87
200.0	0.73	1.32	200.0	1.8	1.9	0.0	0.01	1.9	1.02
300.0	1.19	30.28	300.0	3.0	3.5	0.6	0.65	3.5	9.39
400.0	1.11	34.53	400.0	4.2	5.2	1.6	0.12	5.4	17.70
500.0	1.26	59.09	499.9	4.9	6.5	3.1	0.52	7.2	25.70
600.0	1.31	70.15	599.9	5.0	7.5	5.2	0.25	9.1	34.61
700.0	1.66	89.89	699.9	4.4	7.9	7.7	0.61	11.0	44.32
800.0	2.05	90.38	799.8	3.2	7.9	10.9	0.39	13.4	54.27
900.0	2.49	99.31	899.7	1.3	7.5	14.8	0.56	16.6	63.23
1000.0	2.62	100.60	999.6	-1.0	6.7	19.2	0.14	20.4	70.75
1100.0	2.00	99.91	1099.6	-3.2	6.0	23.2	0.62	24.0	75.51
1200.0	1.33	105.04	1199.5	-4.8	5.4	26.0	0.69	26.6	78.29
1300.0	1.31	122.16	1299.5	-6.5	4.5	28.1	0.39	28.5	80.94
1400.0	1.13	122.30	1399.5	-8.2	3.4	29.9	0.18	30.1	83.61
1500.0	0.98	134.86	1499.5	-9.8	2.2	31.4	0.27	31.5	85.95
1600.0	1.33	126.41	1599.4	-11.6	0.9	32.9	0.39	32.9	88.38
1700.0	1.42	101.24	1699.4	-13.2	0.0	35.1	0.61	35.1	90.00
1800.0	1.50	97.61	1799.4	-14.6	-0.4	37.6	0.12	37.6	90.63
1900.0	1.84	91.40	1899.3	-15.9	-0.6	40.5	0.38	40.5	90.89
2000.0	1.67	86.86	1999.3	-17.0	-0.6	43.5	0.22	43.5	90.77
2100.0	1.53	80.38	2099.2	-17.7	-0.3	46.3	0.23	46.3	90.35
2200.0	1.46	81.37	2199.2	-18.3	0.1	48.9	0.07	48.9	89.85
2300.0	1.67	83.55	2299.2	-19.0	0.5	51.6	0.22	51.6	89.46
2400.0	1.68	80.23	2399.1	-19.7	0.9	54.5	0.10	54.5	89.06
2500.0	1.48	84.27	2499.1	-20.4	1.3	57.2	0.23	57.2	88.72
2600.0	1.69	80.54	2599.1	-21.1	1.6	60.0	0.23	60.0	88.43
2700.0	1.59	78.87	2699.0	-21.7	2.2	62.8	0.11	62.8	88.03
2800.0	1.23	93.21	2799.0	-22.4	2.4	65.2	0.50	65.2	87.92
2900.0	1.32	78.70	2899.0	-23.1	2.5	67.4	0.33	67.5	87.85
3000.0	1.10	77.91	2998.9	-23.5	3.0	69.5	0.22	69.5	87.56
3100.0	1.21	78.18	3098.9	-23.8	3.4	71.4	0.11	71.5	87.30
3200.0	1.05	67.12	3198.9	-24.0	3.9	73.3	0.27	73.4	86.92
3300.0	0.78	82.44	3298.9	-24.2	4.4	74.8	0.36	75.0	86.64
3400.0	0.64	60.45	3398.9	-24.3	4.8	76.0	0.30	76.1	86.42
3500.0	0.43	67.39	3498.9	-24.2	5.2	76.8	0.22	77.0	86.15
3600.0	0.56	48.47	3598.9	-24.0	5.6	77.5	0.21	77.8	85.84
3700.0	0.36	41.53	3698.9	-23.7	6.2	78.1	0.21	78.4	85.46
3800.0	0.29	94.11	3798.9	-23.7	6.4	78.6	0.29	78.8	85.33
3900.0	0.30	196.84	3898.9	-24.0	6.2	78.8	0.46	79.0	85.53
4000.0	0.33	173.20	3998.9	-24.5	5.6	78.7	0.13	78.9	85.92
4100.0	0.68	203.56	4098.9	-25.2	4.8	78.5	0.43	78.7	86.51
4200.0	0.37	204.85	4198.9	-25.8	3.9	78.1	0.31	78.2	87.11
4300.0	0.36	244.40	4298.9	-26.1	3.5	77.7	0.25	77.8	87.41
4400.0	0.37	231.49	4398.9	-26.2	3.2	77.2	0.08	77.2	87.64
4500.0	0.13	279.25	4498.9	-26.2	3.0	76.8	0.30	76.9	87.76
4600.0	0.38	234.12	4598.8	-26.2	2.8	76.4	0.30	76.5	87.88
4700.0	0.52	150.15	4698.8	-26.8	2.2	76.4	0.61	76.4	88.32
4800.0	0.66	120.00	4798.8	-27.7	1.6	77.1	0.34	77.1	88.84

Scientific Drilling
Survey Report

Company:	DEVON ENERGY	**Date:** 7/13/2003	**Time:** 19:25:34	**Page:**	2
Field:	Indian Basin	**Co-ordinate(NE) Reference:**	Site: Eddy County, NM, True North		
Site:	Eddy County, NM	**Vertical (TVD) Reference:**	SITE 0.0		
Well:	Old Ranch Canyon 7 Fed. #7	**Section (VS) Reference:**	Well (0.00N,0.00E,337.82Azi)		
Wellpath:	VH - Job #32K0503251	**Survey Calculation Method:**	Minimum Curvature	**Db:**	Sybase

Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
4900.0	0.36	101.23	4898.8	-28.3	1.2	77.9	0.34	77.9	89.11
5000.0	0.15	99.65	4998.8	-28.5	1.1	78.4	0.21	78.4	89.18
5100.0	1.64	339.71	5098.8	-27.2	2.4	78.0	1.72	78.0	88.21
5200.0	3.51	334.58	5198.7	-22.7	6.6	76.2	1.88	76.5	85.09
5300.0	4.18	320.58	5298.5	-16.2	12.1	72.6	1.15	73.6	80.51
5400.0	5.19	322.34	5398.2	-8.3	18.5	67.5	1.02	70.0	74.65
5500.0	6.08	331.13	5497.7	1.3	26.7	62.2	1.24	67.7	66.72
5600.0	6.45	333.07	5597.1	12.2	36.4	57.1	0.43	67.7	57.47
5700.0	8.93	330.68	5696.2	25.5	48.2	50.7	2.50	69.9	46.48
5800.0	9.97	326.93	5794.8	41.7	62.2	42.2	1.21	75.1	34.15
5900.0	10.93	326.40	5893.2	59.5	77.3	32.2	0.96	83.8	22.62
6000.0	12.75	329.62	5991.0	79.7	94.8	21.4	1.94	97.1	12.72
6100.0	14.50	326.70	6088.2	102.9	114.7	8.9	1.88	115.1	4.45
6200.0	17.34	329.52	6184.4	129.9	138.1	-5.5	2.94	138.2	357.72
6300.0	19.75	329.74	6279.2	161.4	165.5	-21.6	2.41	166.9	352.57
6400.0	22.76	330.61	6372.4	197.3	197.0	-39.6	3.03	200.9	348.64
6500.0	25.32	328.71	6463.7	237.6	232.1	-60.2	2.67	239.8	345.46
6600.0	27.74	327.63	6553.1	281.7	270.0	-83.8	2.47	282.7	342.77
6700.0	29.91	327.32	6640.7	329.1	310.7	-109.7	2.18	329.5	340.55
6800.0	30.44	327.96	6727.2	378.6	353.1	-136.6	0.62	378.6	338.85
6900.0	30.77	327.98	6813.3	428.7	396.3	-163.6	0.33	428.7	337.57
7000.0	27.61	327.96	6900.5	476.8	437.6	-189.4	3.16	476.9	336.59
7100.0	24.19	336.41	6990.5	520.1	476.1	-210.0	5.02	520.3	336.20
7200.0	26.45	339.65	7080.9	562.9	515.7	-225.9	2.65	563.0	336.35
7300.0	27.17	340.97	7170.2	607.9	558.2	-241.1	0.93	608.0	336.64
7400.0	32.30	335.38	7257.0	657.4	604.1	-259.7	5.83	657.6	336.74
7500.0	31.09	334.54	7342.1	709.9	651.7	-281.9	1.29	710.1	336.61
7600.0	28.30	337.68	7428.9	759.4	697.0	-302.0	3.19	759.6	336.57
7700.0	22.22	339.43	7519.3	802.1	736.6	-317.7	6.13	802.2	336.67
7800.0	22.02	341.34	7612.0	839.7	772.1	-330.3	0.75	839.8	336.84
7900.0	23.02	341.61	7704.3	877.9	808.4	-342.5	1.01	878.0	337.04
8000.0	24.79	341.45	7795.8	918.3	846.8	-355.3	1.77	918.4	337.24
8100.0	26.01	340.90	7886.1	961.1	887.4	-369.2	1.24	961.2	337.41
8200.0	25.55	341.87	7976.1	1004.6	928.7	-383.1	0.62	1004.6	337.58
8300.0	24.31	343.81	8066.8	1046.5	968.9	-395.5	1.49	1046.5	337.80
8310.0	24.34	343.78	8075.9	1050.6	972.9	-396.7	0.32	1050.6	337.82

Scientific Drilling

Field: Indian Basin
Site: Eddy County, NM
Well: Old Ranch Canyon 7 Fed. #7
Wellpath: VH - Job #32K0503251
Survey: 05/21/03