

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
WELL COMPLETION OR RECOMPLETION REPORT

Oil Cons.

N.M. DIV-Dist. 2

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

1301 W. Grand Avenue
Alamogordo, NM 88210

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 **Robert Elliott**
Devon Energy Production Company, L.P. Operations Engr Advisor

3. Address **20 N. Broadway, Suite 1500, OKC, OK 73102** 3a. Phone No. (Include area code) **(405)228-8609**

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At Surface **660' FNL & 660' FEL, Unit A, Section 34-T21S-R24E, Eddy Cnty, NM**
At top prod. interval reported below **2471' FNL & 804' FEL, Unit H, Section 34-T21S-R24E**
2503 806
At total depth **2618' FNL & 816' FEL, Unit H, Section 34-T21S-R24E, Eddy Cnty, NM**

14. Date Spudded **07/10/2003** 15. Date T.D. Reached **08/04/2003** 16. Date Completed ☐ D & A ☒ Ready to Prod. **08/26/2003**

5. Lease Serial No. **SHL & BHL: NM-NM53218**

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

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

8. Lease Name and Well No. **Righthand Canyon 34 Federal#6**

9. API Well No. **30-015-32593 S1**

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

11. Sec., T., R., M., on Block and Survey or Area **34-21S-24E**

12. County or Parish **Eddy Cnty.** 13. State **New Mexico**

17. Elevations (DF, RKB, RT, GL)* **GL 3657', DF 3674', KB 3675'**

18. Total Depth: MD **8720'** TVD **8272'** 19. Plug Back T.D.: MD **8609'** TVD **8167'** 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, High Resolution Laterolog Array/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
14 3/4"	9 5/8" J-55	36#	surface	1625'		see #32		surface	
8 3/4"	7" J-55 & HCL-80	23#	surface	8699'	3290' & 7933'	see #32		2300' CBL	

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"	8203' EOM							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Upper Penn	7827'	8720'	8072-8104'	0.41"	66	open
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
8072-8104'	6400 gals 20% HCl + 64 BS + 2562 gals treated water

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
8-26-03	10-6-03	24	→	177	104	1812	40 deg		Reda DN1750 sub pumps
Choice Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→	177	104	1812	588/1	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
			→						
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)

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JUN 07 2004

OCB-ARTESIA

ACCEPTED FOR RECORD

JUN - 7 2004

ALEXIS C. SWOBODA
PETROLEUM ENGINEER

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 porosity and contents thereof: Cored intervals and all drill-stem tests, including 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
Upper Penn	7827'	8720'	gas, oil, water	Glorieta/Yeso Bone Spring 3rd Bone Spring Wolfcamp Upper Penn Cisco Reef TD	2457' 3045' 7038' 7419' 7827' 8116' 8720'

32. Additional remarks (include plugging procedure):

9 5/8" casing cemented with 200 sx Class H at 14.6 ppg yield, preceded by GW-27 at 8.4 ppg yield + 734 sx 35-65-6 Pozmix C at 12.7 ppg yield + 200 sx Class C at 14.8 ppg yield

7" casing cemented: 1st stage with 180 sx 15-61-11 Poz C at 13.1 yield, preceded by Turbo Flow III at 11 ppg yield and GW-27 at 8.4 ppg yield; 2nd stage with 1050 sx 60/40 Poz C at 13.8 ppg yield; 3rd stage with 50 sx CI H at 14.6 ppg yield, preceded by GW-27 at 8.4 ppg yield + 460 sx 60-40 Poz at 13.8 ppg yield + 75 sx Class H at 14.6 ppg yield

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

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 candi.graham@dv.com /Operations Tech II

Signature

Candace R. Graham

Date 06/01/2004

SEC 34, T21S, R24E, EDDY COUNTY, NEW MEXICO
(Give Unit, Section, Township and Range)

OPERATOR

**DEVON ENERGY PRODUCTION CO. L.P. 20 N. BROADWAY, SUITE # 1500
OKLAHOMA CITY, OK 73102-8260**

NABORS DRILLING USA, LP

[illegible]

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JUN 07 2004

OBERTESIA

~~Nabors Drilling USA, LP.~~

By

Don Nelson-District Drilling Superintendent

Subscribed and sworn to before me this 25th day of August, 2003

DONNA WESTBROOK
Notary Public
State of Texas
My Comm. Exp. 12-29-2004

Notary Public

My Commission Expires  State of Texas
My Comm. Exp. 12-28-2004 MIDLAND County TEXAS

MIDLAND

County TEXAS

Deviation Summary

Legal Well Name:	RIGHTHAND CANYON 34 FEDERAL 6	Spud Date:	7/10/2003	S/T #	V.S. AZI (°)
Common Well Name:	RIGHTHAND CANYON 34 FED 6	Start:	5/21/2003	OH	183.82
Event Name:	ONSHORE ORIG DRLG	End:			
Contractor Name:		Rig Release:	8/8/2003		
Rig Name:	NABORS	Rig Number:	347		
TMD: 8,208.00 (ft)	TVD: 7,785.98 (ft)	Calculation Method:	Minimum Curvature		

S/T #	TMD (ft)	Angle (°)	Azimuth (°)	CTM	TVD (ft)	N-S (ft)	E-W (ft)	Section (ft)	DLS (°/100ft)	BUR (°/100ft)	Type
OH	242.00	0.75	0.00	NNN	0.00	0.00	0.00	0.00	0.00	0.00	INC
OH	478.00	0.25	0.00	NNN	0.00	0.00	0.00	0.00	0.00	0.00	INC
OH	728.00	1.25	0.00	NNN	0.00	0.00	0.00	0.00	0.00	0.00	INC
OH	963.00	2.00	0.00	NNN	0.00	0.00	0.00	0.00	0.00	0.00	INC
OH	1,213.00	2.25	0.00	NNN	0.00	0.00	0.00	0.00	0.00	0.00	INC
OH	1,471.00	2.00	0.00	NNN	0.00	0.00	0.00	0.00	0.00	0.00	INC
OH	1,603.00	1.75	0.00	NNN	0.00	0.00	0.00	0.00	0.00	0.00	INC
OH	1,905.00	1.50	0.00	NNN	0.00	0.00	0.00	0.00	0.00	0.00	INC
OH	2,208.00	1.75	0.00	NNN	0.00	0.00	0.00	0.00	0.00	0.00	INC
OH	2,510.00	1.75	0.00	NNN	0.00	0.00	0.00	0.00	0.00	0.00	INC
OH	2,815.00	1.75	0.00	NNN	0.00	0.00	0.00	0.00	0.00	0.00	INC
OH	3,061.00	1.17	313.65	NYN	3,059.84	51.41	-55.55	0.00	0.00	0.00	INC
OH	3,079.00	1.93	297.20	YNN	3,077.83	51.68	-55.95	-47.83	4.85	4.22	INC
OH	3,173.00	2.50	232.70	YNN	3,171.78	51.16	-58.99	-47.11	2.57	0.61	MWD
OH	3,266.00	4.80	222.70	YNN	3,264.58	47.07	-63.24	-42.75	2.56	2.47	MWD
OH	3,361.00	7.20	203.30	YNN	3,359.06	38.68	-68.30	-34.04	3.27	2.53	MWD
OH	3,487.00	9.40	192.60	YNN	3,483.74	21.38	-73.66	-16.42	2.13	1.75	MWD
OH	3,613.00	11.50	185.60	YNN	3,607.65	-1.17	-77.14	6.30	1.94	1.67	MWD
OH	3,676.00	10.80	185.80	YNN	3,669.46	-13.29	-78.34	18.48	1.11	-1.11	MWD
OH	3,770.00	13.80	180.70	YNN	3,761.30	-33.27	-79.37	38.48	3.39	3.19	MWD
OH	3,866.00	15.30	181.70	YNN	3,854.22	-57.38	-79.89	62.57	1.58	1.56	MWD
OH	3,929.00	16.70	183.80	YNN	3,914.77	-74.72	-80.73	79.93	2.40	2.22	MWD
OH	3,992.00	17.60	184.20	YNN	3,974.97	-93.25	-82.03	98.51	1.44	1.43	MWD
OH	4,086.00	20.00	183.20	YNN	4,063.95	-123.48	-83.97	128.80	2.58	2.55	MWD
OH	4,180.00	21.40	181.10	YNN	4,151.88	-156.67	-85.20	162.00	1.69	1.49	MWD
OH	4,242.00	22.00	179.60	YNN	4,209.49	-179.60	-85.33	184.88	1.32	0.97	MWD
OH	4,304.00	23.10	178.10	YNN	4,266.75	-203.37	-84.85	208.57	2.00	1.77	MWD
OH	4,399.00	24.10	176.30	YNN	4,353.80	-241.35	-82.98	246.34	1.30	1.05	MWD

Deviation Summary

Legal Well Name:	RIGHTHAND CANYON 34 FEDERAL 6	Spud Date:	7/10/2003	S/T #	V.S. AZI (°)
Common Well Name:	RIGHTHAND CANYON 34 FED 6	Start:	5/21/2003	OH	183.82
Event Name:	ONSHORE ORIG DRLG	End:			
Contractor Name:		Rig Release:	8/8/2003		
Rig Name:	NABORS	Rig Number:	347		
TMD: 8,208.00 (ft)	TVD: 7,785.98 (ft)	Calculation Method:	Minimum Curvature		

S/T #	TMD (ft)	Angle (°)	Azimuth (°)	CTM	TVD (ft)	N/-S (ft)	E/-W (ft)	Section (ft)	DLS (°/100ft)	BUR (°/100ft)	Type
OH	4,431.00	24.10	177.30	YNN	4,383.01	-254.39	-82.25	259.31	1.28	0.00	MWD
OH	4,557.00	24.40	176.00	YNN	4,497.90	-306.05	-79.22	310.65	0.49	0.24	MWD
OH	4,619.00	24.00	178.00	YNN	4,554.45	-331.43	-77.89	335.88	1.47	-0.65	MWD
OH	4,713.00	26.20	179.80	YNN	4,639.57	-371.29	-77.15	375.61	2.48	2.34	MWD
OH	4,776.00	25.40	181.10	YNN	4,696.29	-398.71	-77.36	402.98	1.56	-1.27	MWD
OH	4,903.00	25.40	180.00	YNN	4,811.01	-453.18	-77.88	457.36	0.37	0.00	MWD
OH	4,967.00	26.20	179.10	YNN	4,868.63	-481.03	-77.66	485.14	1.39	1.25	MWD
OH	5,029.00	26.90	181.60	YNN	4,924.10	-508.74	-77.84	512.79	2.13	1.13	MWD
OH	5,131.00	27.50	182.20	YNN	5,014.82	-555.33	-79.39	559.39	0.65	0.59	
OH	5,194.00	27.60	182.70	YNN	5,070.67	-584.45	-80.63	588.52	0.40	0.16	
OH	5,257.00	26.10	182.20	YNN	5,126.88	-612.87	-81.85	616.97	2.41	-2.38	
OH	5,319.00	27.20	181.90	YNN	5,182.29	-640.67	-82.84	644.76	1.79	1.77	
OH	5,414.00	27.00	180.40	YNN	5,266.86	-683.93	-83.72	687.99	0.75	-0.21	
OH	5,508.00	26.50	179.50	YNN	5,350.80	-726.24	-83.68	730.20	0.68	-0.53	
OH	5,570.00	26.50	179.00	YNN	5,406.29	-753.90	-83.32	757.78	0.36	0.00	
OH	5,633.00	27.30	178.60	YNN	5,462.47	-782.40	-82.72	786.17	1.30	1.27	
OH	5,699.00	28.30	180.70	YNN	5,520.85	-813.17	-82.54	816.86	2.12	1.52	
OH	5,759.00	28.90	182.70	YNN	5,573.53	-841.88	-83.40	845.56	1.88	1.00	
OH	5,790.00	28.30	182.30	YNN	5,600.75	-856.70	-84.05	860.40	2.03	-1.94	
OH	5,853.00	29.60	182.30	YNN	5,655.88	-887.17	-85.27	890.88	2.06	2.06	
OH	5,916.00	28.80	183.60	YNN	5,710.87	-917.86	-86.85	921.61	1.62	-1.27	
OH	5,979.00	26.50	184.70	YNN	5,766.67	-947.02	-88.95	950.84	3.74	-3.65	
OH	6,042.00	26.00	182.90	YNN	5,823.18	-974.82	-90.80	978.71	1.49	-0.79	
OH	6,105.00	26.50	183.50	YNN	5,879.68	-1,002.64	-92.36	1,006.57	0.90	0.79	
OH	6,168.00	26.80	182.10	YNN	5,935.99	-1,030.86	-93.74	1,034.82	1.10	0.48	
OH	6,231.00	27.60	181.80	YNN	5,992.02	-1,059.64	-94.72	1,063.60	1.29	1.27	
OH	6,293.00	28.60	182.00	YNN	6,046.71	-1,088.83	-95.69	1,092.79	1.62	1.61	
OH	6,325.00	28.00	180.60	YNN	6,074.89	-1,104.00	-96.03	1,107.94	2.80	-1.88	

Deviation Summary

Legal Well Name:	RIGHTHAND CANYON 34 FEDERAL 6	Spud Date:	7/10/2003	S/T #	V.S. AZI (°)
Common Well Name:	RIGHTHAND CANYON 34 FED 6	Start:	5/21/2003	OH	183.82
Event Name:	ONSHORE ORIG DRLG	End:			
Contractor Name:		Rig Release:	8/8/2003		
Rig Name:	NABORS	Rig Number:	347		
TMD: 8,208.00 (ft)	TVD: 7,785.98 (ft)	Calculation Method:	Minimum Curvature		

S/T #	TMD (ft)	Angle (°)	Azimuth (°)	CTM	TVD (ft)	N-S (ft)	E-W (ft)	Section (ft)	DLS (°/100ft)	BUR (°/100ft)	Type
OH	6,388.00	27.50	182.20	YNN	6,130.64	-1,133.32	-96.75	1,137.25	1.42	-0.79	
OH	6,451.00	27.30	182.10	YNN	6,186.57	-1,162.29	-97.83	1,166.23	0.33	-0.32	
OH	6,513.00	29.70	182.30	YNN	6,241.06	-1,191.85	-98.97	1,195.80	3.87	3.87	
OH	6,543.00	29.50	181.50	YNN	6,267.14	-1,206.66	-99.46	1,210.61	1.48	-0.67	
OH	6,607.00	28.90	181.90	YNN	6,323.01	-1,237.87	-100.39	1,241.81	0.99	-0.94	
OH	6,670.00	29.90	182.20	YNN	6,377.89	-1,268.78	-101.49	1,272.72	1.60	1.59	
OH	6,701.00	29.80	182.70	YNN	6,404.78	-1,284.19	-102.15	1,288.14	0.87	-0.32	
OH	6,733.00	28.60	182.50	YNN	6,432.72	-1,299.79	-102.86	1,303.75	3.76	-3.75	
OH	6,795.00	29.50	182.80	YNN	6,486.91	-1,329.86	-104.26	1,333.85	1.47	1.45	
OH	6,826.00	29.20	183.60	YNN	6,513.94	-1,345.03	-105.10	1,349.04	1.59	-0.97	
OH	6,889.00	29.10	183.60	YNN	6,568.96	-1,375.66	-107.03	1,379.73	0.16	-0.16	
OH	6,952.00	29.60	184.40	YNN	6,623.87	-1,406.46	-109.19	1,410.61	1.01	0.79	
OH	6,983.00	28.70	183.70	YNN	6,650.94	-1,421.52	-110.25	1,425.71	3.10	-2.90	
OH	7,077.00	29.90	182.80	YNN	6,732.92	-1,467.45	-112.86	1,471.71	1.36	1.28	
OH	7,109.00	28.90	184.00	YNN	6,760.80	-1,483.13	-113.78	1,487.41	3.63	-3.13	
OH	7,140.00	28.70	184.20	YNN	6,787.96	-1,498.02	-114.85	1,502.35	0.72	-0.65	
OH	7,205.00	30.50	184.70	YNN	6,844.48	-1,530.03	-117.35	1,534.45	2.80	2.77	
OH	7,236.00	30.40	185.30	YNN	6,871.20	-1,545.68	-118.72	1,550.16	1.03	-0.32	
OH	7,299.00	30.20	186.10	YNN	6,925.59	-1,577.31	-121.87	1,581.93	0.72	-0.32	
OH	7,330.00	29.80	185.20	YNN	6,952.44	-1,592.73	-123.40	1,597.42	1.94	-1.29	
OH	7,362.00	29.70	185.80	YNN	6,980.22	-1,608.54	-124.92	1,613.29	0.98	-0.31	
OH	7,393.00	29.40	185.80	YNN	7,007.19	-1,623.75	-126.47	1,628.57	0.97	-0.97	
OH	7,424.00	28.30	185.80	YNN	7,034.34	-1,638.63	-127.98	1,643.52	3.55	-3.55	
OH	7,487.00	26.40	185.00	YNN	7,090.30	-1,667.44	-130.71	1,672.45	3.07	-3.02	
OH	7,550.00	23.30	185.10	YNN	7,147.46	-1,693.81	-133.04	1,698.91	4.92	-4.92	
OH	7,613.00	20.30	185.70	YNN	7,205.95	-1,717.10	-135.23	1,722.30	4.77	-4.76	MWD
OH	7,674.00	18.40	185.90	YNN	7,263.50	-1,737.21	-137.27	1,742.50	3.12	-3.11	MWD
OH	7,737.00	16.60	185.20	YNN	7,323.58	-1,756.07	-139.11	1,761.43	2.88	-2.86	MWD

Deviation Summary

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S/T #	TMD (ft)	Angle (°)	Azimuth (°)	CTM	TVD (ft)	N-S (ft)	E-W (ft)	Section (ft)	DLS (°/100ft)	BUR (°/100ft)	Type
OH	7,800.00	13.90	185.40	YNN	7,384.36	-1,772.56	-140.64	1,778.00	4.29	-4.29	MWD
OH	7,894.00	11.90	183.80	YNN	7,475.98	-1,793.48	-142.34	1,798.98	2.16	-2.13	MWD
OH	7,988.00	9.90	187.10	YNN	7,568.28	-1,811.17	-143.98	1,816.74	2.23	-2.13	MWD
OH	8,114.00	7.90	182.10	YNN	7,692.76	-1,830.57	-145.64	1,836.21	1.70	-1.59	MWD
OH	8,208.00	6.80	182.60	YNN	7,785.98	-1,842.59	-146.13	1,848.23	1.17	-1.17	MWD