

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

5. Lease Serial No.
NM-NM81220

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

8. Lease Name and Well No.

Old Ranch Knoll 8 Federal Co#6

9. API Well No.

30-015-32295

10. Field and Pool, or Exploratory

Indian Basin (Upper Penn) Assoc.

11. Sec., T., R., M., on Block and
Survey or Area 8-22S-24E

12. County or Parish

Eddy Cnty.

13. State

New Mexico

17. Elevations (DF, RKB, RT, GL)*

GL 4272', DF 4289', KB 4290'

2. Name of Operator
Devon Energy Production Company, L.P.) Wally Frank
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 2120' FNL & 1600' FEL, Unit G, Section 8-T22S-R24E

At top prod. interval reported below 1935' FNL & 692' FEL, Unit H, Section 8-T22S-R24E

At total depth 1945' FNL & 714' FEL, Unit H, Section 8-T22S-R24E

14. Date Spudded

07/06/2002

15. Date T.D. Reached

07/30/2002

16. Date Completed

☐ D & A ☒ Ready to Prod.
8-20-2002

18. Total Depth: MD 8780'
TVD 8623'

19. Plug Back T.D.: MD 8699'
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 Micro-CFL/NGT and CBL/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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12 1/4"	9 5/8" J55	36	surface	1820'		see item 32		surface	
8 3/4"	7" J55/L80	23	surface	8775'		see item 32		480' 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" 6.5#L80 / ESP 8670'								

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Cisco-Canyon	8000'	8600'	8243-8591'	.41" EHD	220	Producing
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
8243-8591'	23,300 gals 20% HCl + 220 BS

ACCEPTED FOR RECORD

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
8-28-02	9-1-02	24	→	274	897	2502	40		180 HP TD-3000 pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→	274	897	2502	3274/1	Producing	

DEC 16 2002

LES BAYAK
PETROLEUM ENGINEER

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)

Devon Energy Production Company, L.P. 30-015-32295 Old Ranch Knoll "8" Federal Com. #6

28b. Production - Interval C

Sec. 8-22N-24E, Eddy Cnty, NM

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	
			→					Producing	

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
Cisco-Canyon	8000'	8600'		Glorietta/Yeso	2744'
				Bone Spring	3744'
				3rd Bone Spring	7009'
				Wolfcamp	7449'
				Cisco-Canyon	8051'
				total depth	8780'

32. Additional remarks (include plugging procedure):

Cemented 9 5/8" casing with 493 sx Premium Plus Class C + 500 sx Premium Plus LHC .

Cemented 7" casing with 150 sx 15/61/11 Pozmix C + 1350 sx 60/40 Pozmix C; DV's at 4014' & 8078', ECP at 8125'.

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
 ☒ Other - deviation svy

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 Title Engineering Tech.

Signature Candace R. Graham Date 12/05/2002

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 fraudulent statements or representations as to any matter within its jurisdiction.

WELL NAME AND NUMBER Old Ranch Knoll 8 Federal No. ⁶ ~~547~~
LOCATION 2120' FNL & 1600' FEL, Section 8, T22S, R24E, 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:

<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
<u>3/4° 492'</u>	<u> </u>	<u> </u>
<u>1° 1012'</u>	<u> </u>	<u> </u>
<u>1/2° 1480'</u>	<u> </u>	<u> </u>
<u>3/4° 1794'</u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>

Drilling Contractor United Drilling, Inc.

By: George A. Aho
George A. Aho

Title: Business Manager

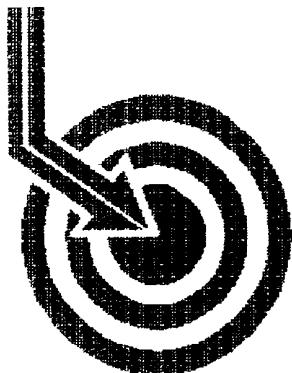
Subscribed and sworn to before me this 15th day of July,
2022.

Hanna Vanbesley
Notary Public

My Commission Expires: 09-15-03

Chaves NM
County State



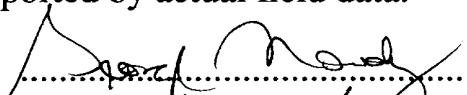


Scientific Drilling

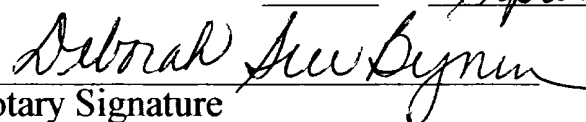
DEVON ENERGY

Field: Indian Basin
Site: Eddy County, NM
Well: Old Ranch Knoll 8 Fed. #6
Wellpath: VH - Job #32K0802277
Survey: 8/13/02

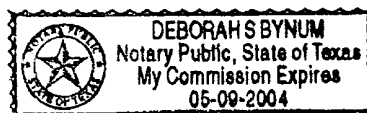
This survey is correct to the best of my knowledge
and is supported by actual field data.

.....Company Representative

Notorized this date 5th of September, 2002.



Notary Signature
County of Midland
State of Texas



Scientific Drilling International Survey Report

Company: DEVON ENERGY Field: Indian Basin Site: Eddy County, NM Well: Old Ranch Knoll 8 Fed. #6 Wellpath: VH - Job #32K0802277	Date: 9/4/2002 Co-ordinate(NE) Reference: Vertical (TVD) Reference: Section (VS) Reference: Survey Calculation Method:	Time: 16:37:00 Site: Eddy County, NM, True North SITE: 0.0 above Mean Sea Level Well: (0.0E,0.0N,77.6Az) Minimum Curvature	Page: 1
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Survey: 8/13/02 KSRG 0'-8650'	Start Date: 9/3/2002	
Company: Scientific Drilling International Tool: Keeper	Engineer: Angel Guebara	

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	0.33	340.69	100.0	0.0	0.3	-0.1	0.3	340.69	0.33
200.0	0.89	19.36	200.0	0.3	1.3	0.1	1.3	3.01	0.67
300.0	1.30	39.76	300.0	1.6	2.9	1.0	3.1	20.02	0.56
400.0	1.24	48.30	400.0	3.5	4.5	2.6	5.2	30.01	0.20
500.0	1.02	54.31	499.9	5.2	5.7	4.1	7.0	35.76	0.25
600.0	0.82	69.43	599.9	6.8	6.5	5.5	8.5	40.35	0.31
700.0	0.68	76.67	699.9	8.1	6.9	6.8	9.6	44.51	0.17
800.0	0.56	90.35	799.9	9.1	7.0	7.8	10.5	48.15	0.19
900.0	0.31	123.05	899.9	9.8	6.9	8.5	10.9	51.24	0.34
1000.0	0.36	120.46	999.9	10.2	6.5	9.0	11.2	54.07	0.05
1100.0	0.32	157.44	1099.9	10.5	6.1	9.4	11.2	56.92	0.22
1200.0	0.06	201.50	1199.9	10.5	5.8	9.5	11.1	58.49	0.28
1300.0	0.22	79.51	1299.9	10.7	5.8	9.7	11.3	59.00	0.26
1400.0	0.19	47.80	1399.9	11.0	6.0	10.0	11.6	59.17	0.12
1500.0	0.19	157.81	1499.9	11.2	5.9	10.2	11.8	59.81	0.31
1600.0	0.16	196.34	1599.9	11.2	5.6	10.2	11.6	61.09	0.12
1700.0	0.26	239.15	1699.9	10.9	5.4	10.0	11.3	61.63	0.18
1800.0	0.38	265.19	1799.9	10.3	5.2	9.4	10.8	60.98	0.19
1900.0	0.35	257.57	1899.9	9.7	5.1	8.8	10.2	59.72	0.06
2000.0	0.27	264.28	1999.9	9.2	5.0	8.3	9.7	58.59	0.09
2100.0	0.35	240.98	2099.9	8.6	4.9	7.8	9.2	57.87	0.15
2200.0	0.50	225.39	2199.9	8.0	4.4	7.2	8.4	58.40	0.19
2300.0	0.59	231.19	2299.9	7.1	3.8	6.5	7.5	59.64	0.11
2400.0	0.56	246.65	2399.9	6.2	3.3	5.6	6.5	59.78	0.16
2500.0	0.32	262.21	2499.9	5.4	3.0	4.9	5.8	58.15	0.27
2600.0	0.17	285.67	2599.9	5.0	3.0	4.5	5.4	55.79	0.18
2700.0	0.10	298.14	2699.9	4.8	3.1	4.3	5.3	53.72	0.08
2800.0	0.33	311.36	2799.9	4.6	3.4	4.0	5.2	49.75	0.23
2900.0	0.49	322.27	2899.9	4.2	3.9	3.5	5.2	41.92	0.18
3000.0	0.31	332.57	2999.9	4.0	4.5	3.1	5.4	34.81	0.19
3100.0	0.25	302.82	3099.9	3.8	4.8	2.8	5.6	30.10	0.16
3200.0	0.13	262.81	3199.9	3.5	4.9	2.5	5.5	26.91	0.17
3300.0	0.19	277.52	3299.9	3.2	4.9	2.2	5.4	24.26	0.07
3400.0	0.20	247.30	3399.9	2.9	4.9	1.9	5.2	21.22	0.10
3500.0	0.29	244.44	3499.9	2.5	4.7	1.5	5.0	17.76	0.09
3600.0	0.28	248.70	3599.9	2.0	4.5	1.1	4.6	13.14	0.02
3700.0	0.01	255.75	3699.9	1.7	4.4	0.8	4.5	10.47	0.27
3800.0	0.31	100.49	3799.9	2.0	4.4	1.1	4.5	13.81	0.32
3900.0	0.54	105.85	3899.9	2.7	4.2	1.8	4.6	23.16	0.23
4000.0	0.33	102.26	3999.9	3.3	4.0	2.5	4.7	32.26	0.21
4100.0	1.82	82.26	4099.8	5.2	4.2	4.4	6.0	46.51	1.51
4200.0	3.55	78.83	4199.7	9.9	5.0	9.0	10.3	61.06	1.74
4300.0	4.50	84.52	4299.5	16.8	5.9	15.9	17.0	69.53	1.03
4400.0	5.61	87.69	4399.1	25.6	6.5	24.7	25.6	75.23	1.14
4500.0	6.31	85.36	4498.5	35.8	7.2	35.1	35.8	78.46	0.74
4600.0	7.45	83.37	4597.8	47.7	8.4	47.0	47.7	79.92	1.16
4700.0	8.79	82.03	4696.8	61.8	10.2	61.0	61.9	80.54	1.35

Scientific Drilling International Survey Report

Company: DEVON ENERGY

Field: Indian Basin

Site: Eddy County, NM

Well: Old Ranch Knoll 8 Fed. #6

Wellpath: VH - Job #32K0802277

Date: 9/4/2002

Time: 16:37:00

Page: 2

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,77.6Azi)

Survey Calculation Method:

Minimum Curvature

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	9.92	81.64	4795.5	78.0	12.5	77.1	78.1	80.81	1.13
4900.0	10.09	81.82	4894.0	95.3	15.0	94.3	95.5	80.98	0.17
5000.0	10.88	80.90	4992.3	113.5	17.7	112.3	113.7	81.04	0.81
5100.0	12.01	76.08	5090.3	133.3	21.7	131.7	133.5	80.64	1.48
5200.0	13.16	74.92	5187.9	155.1	27.2	152.8	155.2	79.92	1.18
5300.0	13.78	75.55	5285.1	178.3	33.1	175.3	178.4	79.31	0.64
5400.0	14.42	77.27	5382.1	202.7	38.8	199.0	202.8	78.96	0.76
5500.0	16.22	79.01	5478.6	229.1	44.2	224.9	229.2	78.87	1.86
5600.0	17.97	79.55	5574.2	258.5	49.7	253.7	258.6	78.92	1.76
5700.0	19.44	77.74	5668.9	290.6	56.0	285.2	290.6	78.89	1.58
5800.0	21.06	78.53	5762.7	325.2	63.1	319.0	325.2	78.81	1.64
5900.0	22.14	78.78	5855.7	362.0	70.4	355.1	362.0	78.79	1.08
6000.0	25.28	79.99	5947.2	402.1	77.7	394.7	402.2	78.86	3.18
6100.0	27.44	79.16	6036.8	446.5	85.8	438.3	446.6	78.93	2.19
6200.0	27.13	78.38	6125.7	492.4	94.7	483.3	492.5	78.91	0.47
6300.0	26.62	75.12	6214.9	537.5	105.1	527.3	537.6	78.73	1.56
6400.0	25.52	74.36	6304.7	581.4	116.6	569.7	581.5	78.43	1.15
6500.0	24.89	77.15	6395.2	624.0	127.1	610.9	624.0	78.25	1.34
6600.0	24.08	79.50	6486.2	665.4	135.5	651.5	665.5	78.25	1.27
6700.0	23.21	78.68	6577.8	705.5	143.1	690.9	705.6	78.30	0.93
6800.0	20.51	79.27	6670.6	742.7	150.2	727.4	742.8	78.33	2.71
6900.0	18.88	80.16	6764.8	776.4	156.3	760.6	776.5	78.39	1.66
7000.0	17.63	79.93	6859.7	807.7	161.7	791.4	807.8	78.45	1.25
7100.0	15.09	78.95	6955.7	835.8	166.8	819.1	835.9	78.49	2.55
7200.0	13.74	78.70	7052.5	860.7	171.6	843.6	860.8	78.50	1.35
7300.0	12.72	78.64	7149.9	883.6	176.1	866.0	883.7	78.50	1.02
7400.0	11.53	81.42	7247.6	904.6	179.8	886.7	904.7	78.54	1.33
7500.0	9.78	82.99	7345.9	923.0	182.3	905.0	923.2	78.61	1.77
7600.0	5.37	81.05	7445.0	936.2	184.1	918.0	936.3	78.66	4.42
7700.0	2.92	67.52	7544.7	943.3	185.8	925.0	943.5	78.64	2.62
7800.0	1.24	24.63	7644.7	946.5	187.7	927.8	946.6	78.56	2.18
7900.0	2.33	284.09	7744.6	945.3	189.2	926.3	945.4	78.45	2.83
8000.0	3.67	260.36	7844.5	940.3	189.2	921.2	940.4	78.39	1.80
8100.0	4.02	251.68	7944.3	933.6	187.5	914.7	933.7	78.41	0.68
8200.0	3.80	244.25	8044.0	926.9	185.0	908.4	927.0	78.49	0.55
8300.0	3.80	244.14	8143.8	920.5	182.1	902.4	920.6	78.59	0.01
8400.0	3.41	238.43	8243.6	914.4	179.1	896.9	914.6	78.71	0.53
8500.0	2.14	239.74	8343.5	909.9	176.6	892.8	910.1	78.81	1.27
8600.0	1.51	259.83	8443.5	906.8	175.4	889.8	907.0	78.85	0.89
8650.0	1.25	262.34	8493.4	905.6	175.3	888.7	905.8	78.84	0.53



Scientific
Drilling

Field: Indian Basin
Site: Eddy County, NM
Well: Old Ranch Knoll 8 Fed. #6
Wellpath: VH - Job #32K0802277
Survey: 8/13/02

T/M
↑
All Angles Relative
To True North
True North: 0.00
Magnetic North: 0.00

