

Form 3160-4
(August 1999)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
EXPIRES: NOVEMBER 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other						5. Lease Serial No. NMNM96568			
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr., ☐ Other						6. If Indian, Allottee or Tribe Name			
2. Name of Operator DEVON ENERGY PRODUCTION COMPANY, LP						7. Unit or CA Agreement Name and No.			
3. Address 20 North Broadway, Ste 1500 Oklahoma City, OK 73102-8260				3a. Phone No. (include area code) 405-552-8198		8. Lease Name and Well No. Filaree 25A Federal 2			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At Surface P 165 FSL 705 FEL At top prod. interval reported below 1215 FNL 738 FEL At total Depth 1352 FNL 752 FEL						9. API Well No. 30-015-33617			
						10. Field and Pool, or Exploratory Happy Valley; Morrow			
						11. Sec., T., R., M., on Block and Survey or Area 24 22S 25E			
14. Date Spudded 12/10/2004		15. Date T.D. Reached 1/16/2005		16. Date Completed 2/26/2005 ☐ D & A ☒ Ready to Prod.		12. County or Parish 13. State Eddy NM			
18. Total Depth: MD 11,770 TVD		19. Plug Back T.D.: MD 11674 TVI		20. Depth Bridge Plug Set: MD TVI		17. Elevations (DR, RKB, RT, GL)* 3453' GL			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each)						22. Was well cored? ☒ No ☐ Yes (Submit analysis) Was DST run? ☒ No ☐ Yes (Submit report) Directional Survey? ☐ No ☒ Yes (Submit copy)			
PEX-HRLA-BHC-HNGS									
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 Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2"	13 3/8"/H40	48#	0	470'		335 sx Poz, 200 sx Cl C; circ 160sx		0	
12 1/4"	9.625/J-55	36#	0	2090'		680 sx Poz, 250 sx Cl C		0	
8 3/4"	5 1/2"/HP110	17#	0	11,770'		2800 sx Poz; circ 353 sx			
24. Tubing Record									
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	
2.875"	11,093'								
25. Producing Intervals									
Formation		Top	Bottom	26. Perforation Record		Perforated Interval		Size	No. Holes
Morrow		11137	11490	11137-11490'				180	Perf. Status
									Producing
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.									
Depth Interval		Amount and Type of Material							
11137-11490'		Acidize w/ 5000 gals 7.5% HCl. Frac w/ 83,240# 20/40 Bauxite.							
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
2/26/2005	3/16/2005	24	→	0	1221	28			Flowing
Choke Size	Tbg. Press. Flwg SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
16/64"	1300	1000	→	0	1221	28	#DIV/0!		Producing Gas Well
28a. 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)

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	

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

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

SOLD

Summary of Porous Zones (Include Aquifers):

Show all important zones of 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
				Delaware	2300
				Bone Spring	4550
				Canyon Series	9420
				Strawn	9725
				Atoka	10050
				Morrow	10680
				Morrow Lower	11100
				Barnett Shale	11275

Additional remarks (Include plugging procedure):

2/4/05 Test csg to 2200 psi - ok. Drill out DV tool. Test csg again to 2200 psi - ok. PBTD @ 11,674'. TOOH.
 2/8/05 RIH & perf Morrow 11,137-11,490'; 180 holes. RIH & set pkr w/ plug @ 11,075'.
 2/9/05 RIH & recover plug. Acidize w/ 5000 gals 7.5% HCl.
 2/11/05 Rel pkr & TOH w/ tbg.
 2/12/05 Frac w/ 83,240# (20/40) Bauxite.
 2/26/05 Bring well on line.

Circle enclosed attachments:

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

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)

Norvella Adams

Title

Sr. Staff Engineering Technician

Signature

Date

5/11/2005

18 U.S.C Section 1001 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 any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

DISTRICT I
1825 N. French Dr., Hobbs, NM 80240

DISTRICT II
811 South First, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102
Revised March 17, 1999

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
		Happy Valley; Morrow (Gas)
Property Code	Property Name	Well Number
	FILAREE "25A" FEDERAL	2
OGRID No.	Operator Name	Elevation
6137	DEVON ENERGY PRODUCTION CO., L.P.	3453'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	24	22 S	25 E		165	SOUTH	705	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	25	22 S	25 E		1368	NORTH	705	EAST	EDDY
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.						
320									

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	1/4 COR Lat.: N32°22'12.9" Long.: W104°20'34.7" S.L. 165' 705' Lat.: N32°22'04.7" Long.: W104°20'34.1" 705' 1/4 COR	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. <i>Linda Guthrie</i> Signature Linda Guthrie Printed Name Regulatory Specialist Title 12/03/04 Date
	SEC. 24 SEC. 25	SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. MAY 11, 2004 Date Surveyed GARY L. JONES Signature & Seal of Professional Surveyor W.O. No. 4266 Certificate No. Gary L. Jones 1977 PROFESSIONAL LAND SURVEYOR BASIN SURVEYS
	1/4 COR	1/4 COR
	1/4 COR	1/4 COR

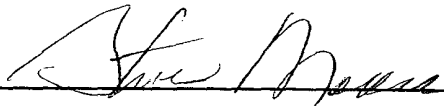
OPERATOR DEVON ENERGY PRODUCTION
WELL/LEASE FILAREE 25 A FED 2
COUNTY EDDY, NM

005-0040

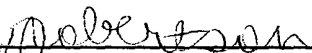
STATE OF NEW MEXICO
DEVIATION REPORT

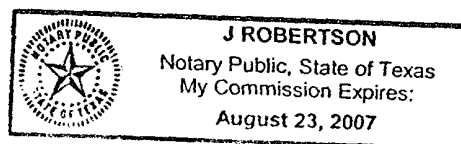
202	1/4
454	1/4
1,013	2
1,255	3 1/4
1,376	4 1/2
1,478	4
1,565	4
1,660	4
1,755	4
1,850	3 1/4
1,944	3
2,072	2 1/4
2,153	2
2,437	2
2,718	1 1/2
3,215	1 1/2
3,716	1
4,185	1
4,703	1/2
5,214	1 1/4
5,461	1
5,683	1/2
6,130	1
6,626	1/2

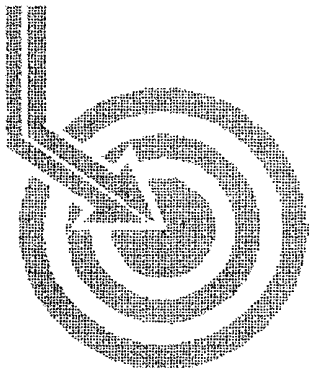
STATE OF TEXAS
COUNTY OF MIDLAND

BY: 

The foregoing instrument was acknowledged before me February 7, 2005, by Steve Moore on behalf of Patterson - UTI Drilling Company, LP, LLLP.


Notary Public for Midland County, Texas
My Commission Expires: 8/23/07





Scientific Drilling

DEVON ENERGY

Field: Filaree
Site: Eddy County, NM
Well: Filaree 25 #A2
Wellpath: VH - Job #32K1204825
Survey: 12/27/04

RECEIVED

MAY 18 2005

OOD-ARTECOM

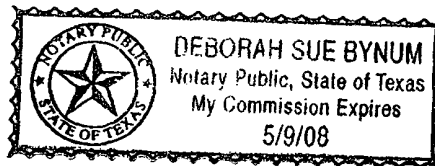
This survey is correct to the best of my knowledge
and is supported by actual field data.

.....*Bicky Norton*.....Company Representative

Notarized this date 27th of January, 2005.

Deborah Sue Bynum
Notary Signature

County of Midland
State of Texas





Company: DEVON ENERGY
Field: Filaree
Site: Eddy County, NM
Well: Filaree 25 #A2
Wellpath: VH - Job #32K1204825

Date: 1/25/2005 Time: 13:38:02 Page: 1
Co-ordinate(NE) Reference: Site: Eddy County, NM, Grid North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,180.00Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: 12/27/04 Start Date: 12/27/2004
KSRG 0'-6955'
Company: Scientific Drilling Internatio Engineer: Carter w/Gray
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	0.04	196.74	100.0	0.0	0.0	0.0	0.04	0.0	196.74
200.0	0.36	295.26	200.0	-0.1	0.1	-0.3	0.37	0.3	282.46
300.0	0.58	319.35	300.0	-0.6	0.6	-0.9	0.29	1.1	302.52
400.0	0.77	309.69	400.0	-1.4	1.4	-1.8	0.22	2.3	308.39
500.0	0.82	296.77	500.0	-2.1	2.1	-2.9	0.19	3.6	306.35
600.0	1.38	330.64	600.0	-3.5	3.5	-4.2	0.84	5.4	310.32
700.0	1.79	341.29	699.9	-6.1	6.1	-5.2	0.50	8.0	319.10
800.0	2.11	334.23	799.9	-9.2	9.2	-6.5	0.40	11.3	324.54
900.0	2.09	322.37	899.8	-12.3	12.3	-8.5	0.43	14.9	325.47
1000.0	2.30	320.03	999.7	-15.3	15.3	-10.9	0.23	18.7	324.59
1100.0	3.69	327.17	1099.6	-19.5	19.5	-13.9	1.44	24.0	324.55
1200.0	3.67	325.67	1199.4	-24.9	24.9	-17.4	0.10	30.4	324.95
1300.0	4.12	320.79	1299.1	-30.3	30.3	-21.5	0.56	37.2	324.61
1400.0	4.12	319.88	1398.9	-35.8	35.8	-26.1	0.07	44.3	323.92
1500.0	3.97	315.27	1498.6	-41.0	41.0	-30.9	0.36	51.3	323.05
1600.0	3.69	314.52	1598.4	-45.7	45.7	-35.6	0.28	58.0	322.12
1700.0	3.62	312.59	1698.2	-50.1	50.1	-40.2	0.14	64.3	321.27
1800.0	3.40	315.49	1798.0	-54.4	54.4	-44.6	0.28	70.3	320.64
1900.0	2.51	314.26	1897.9	-58.0	58.0	-48.3	0.89	75.5	320.25
2000.0	2.33	310.50	1997.8	-60.9	60.9	-51.4	0.24	79.7	319.84
2100.0	2.28	316.19	2097.7	-63.6	63.6	-54.3	0.23	83.6	319.53
2200.0	2.25	308.85	2197.6	-66.3	66.3	-57.2	0.29	87.6	319.21
2300.0	2.09	310.14	2297.6	-68.7	68.7	-60.1	0.17	91.3	318.81
2400.0	1.86	310.34	2397.5	-70.9	70.9	-62.8	0.23	94.7	318.50
2500.0	1.80	304.98	2497.5	-72.9	72.9	-65.3	0.18	97.8	318.15
2600.0	1.57	309.19	2597.4	-74.6	74.6	-67.6	0.26	100.7	317.83
2700.0	1.49	307.51	2697.4	-76.3	76.3	-69.7	0.09	103.4	317.58
2800.0	1.54	308.92	2797.4	-77.9	77.9	-71.8	0.06	106.0	317.35
2900.0	1.53	311.93	2897.3	-79.7	79.7	-73.8	0.08	108.6	317.18
3000.0	1.36	314.21	2997.3	-81.4	81.4	-75.7	0.18	111.1	317.09
3100.0	1.20	316.01	3097.3	-83.0	83.0	-77.3	0.16	113.4	317.05
3200.0	1.17	313.88	3197.2	-84.4	84.4	-78.7	0.05	115.4	317.01
3300.0	1.00	313.41	3297.2	-85.7	85.7	-80.1	0.17	117.3	316.95
3400.0	0.96	312.35	3397.2	-86.9	86.9	-81.3	0.04	119.0	316.90
3500.0	1.01	309.68	3497.2	-88.0	88.0	-82.6	0.07	120.7	316.81
3600.0	1.12	311.68	3597.2	-89.2	89.2	-84.0	0.12	122.6	316.72
3700.0	1.13	314.68	3697.2	-90.6	90.6	-85.5	0.06	124.6	316.66
3800.0	1.13	318.00	3797.1	-92.0	92.0	-86.8	0.07	126.5	316.66
3900.0	0.99	322.44	3897.1	-93.4	93.4	-88.0	0.16	128.4	316.71
4000.0	0.99	318.74	3997.1	-94.8	94.8	-89.1	0.06	130.1	316.76
4100.0	0.83	325.69	4097.1	-96.0	96.0	-90.1	0.19	131.7	316.82
4200.0	0.89	323.09	4197.1	-97.2	97.2	-91.0	0.07	133.2	316.91
4300.0	0.86	312.12	4297.1	-98.4	98.4	-92.0	0.17	134.7	316.92
4400.0	0.70	316.58	4397.1	-99.3	99.3	-93.0	0.17	136.0	316.89
4500.0	0.70	321.09	4497.0	-100.2	100.2	-93.8	0.06	137.3	316.90
4600.0	0.67	329.97	4597.0	-101.2	101.2	-94.5	0.11	138.4	316.98
4700.0	0.78	319.44	4697.0	-102.2	102.2	-95.2	0.17	139.7	317.04
4800.0	0.68	330.33	4797.0	-103.3	103.3	-95.9	0.17	140.9	317.11



Company: DEVON ENERGY
 Field: Filaree
 Site: Eddy County, NM
 Well: Filaree 25 #A2
 Wellpath: VH - Job #32K1204825

Date: 1/25/2005 Time: 13:38:02 Page: 2
 Co-ordinate(NE) Reference: Site: Eddy County, NM, Grid North
 Vertical (TVD) Reference: SITE 0.0
 Section (VS) Reference: Well (0.00N,0.00E,180.00Azi)
 Survey Calculation Method: Minimum Curvature Db: Sybase

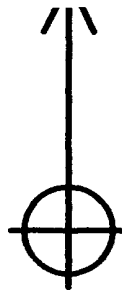
Survey

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	0.61	321.96	4897.0	-104.2	104.2	-96.5	0.12	142.1	317.18
5000.0	0.64	318.20	4997.0	-105.0	105.0	-97.2	0.05	143.1	317.21
5100.0	0.63	295.96	5097.0	-105.7	105.7	-98.1	0.25	144.2	317.13
5200.0	0.55	310.71	5197.0	-106.2	106.2	-99.0	0.17	145.2	317.03
5300.0	0.86	303.75	5297.0	-107.0	107.0	-100.0	0.32	146.4	316.94
5400.0	0.69	295.63	5397.0	-107.7	107.7	-101.1	0.20	147.7	316.79
5500.0	0.36	279.38	5497.0	-108.0	108.0	-102.0	0.36	148.5	316.63
5600.0	0.35	244.42	5597.0	-107.9	107.9	-102.6	0.21	148.9	316.45
5700.0	0.45	220.87	5697.0	-107.5	107.5	-103.1	0.19	148.9	316.19
5800.0	0.35	233.99	5797.0	-107.0	107.0	-103.6	0.13	148.9	315.92
5900.0	0.34	237.84	5897.0	-106.6	106.6	-104.1	0.03	149.0	315.69
6000.0	0.10	287.10	5997.0	-106.5	106.5	-104.4	0.28	149.2	315.56
6100.0	0.27	269.52	6097.0	-106.5	106.5	-104.8	0.18	149.4	315.48
6200.0	0.10	269.94	6197.0	-106.5	106.5	-105.1	0.17	149.6	315.39
6300.0	0.20	338.24	6297.0	-106.7	106.7	-105.2	0.19	149.9	315.40
6400.0	0.33	315.88	6397.0	-107.1	107.1	-105.5	0.16	150.3	315.42
6500.0	0.11	254.11	6497.0	-107.2	107.2	-105.8	0.29	150.6	315.39
6600.0	0.25	266.81	6597.0	-107.2	107.2	-106.1	0.14	150.8	315.30
6700.0	0.29	317.33	6697.0	-107.4	107.4	-106.5	0.23	151.2	315.24
6800.0	0.48	311.14	6797.0	-107.8	107.8	-107.0	0.19	151.9	315.23
6900.0	0.30	246.22	6897.0	-108.0	108.0	-107.5	0.45	152.4	315.13
6955.0	0.62	221.98	6952.0	-107.7	107.7	-107.9	0.67	152.4	314.97



Scientific
Drilling

Site: Eddy County, NM
Well: Filaree 25 #A2
Wellpath: VH - Job #32K1204825
Survey: 12/27/04



Azimuth to Grid North
True North: 0.00°
Magnetic North: 0.00°
Magnetic Field
Strength: 0nT
Dip Angle: 0.00°
Date: 1/25/2005
Model: igr2000

