

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

OCD Artesia

5. Lease Serial No.
NMNM96568

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
NMNM109716

8. Well Name and No.

Multiple--See Attached
FILED 25 H Federal Com #2

9. API Well No.

Multiple--See Attached 30-015-3361

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

DEVON ENERGY PRODUCTION CO

Contact: MELANIE A CRAWFORD

Email: MELANIE.CRAWFORD@DVN.COM

3a. Address

20 NORTH BROADWAY SUITE 1500
OKLAHOMA CITY, OK 73102

3b. Phone No. (include area code)

Ph: 405-552-4524

10. Field and Pool, or Exploratory

HAPPY VALLEY- MORROW

McKittrick Hills, Atoka, E GAS

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Multiple--See Attached

11. County or Parish, and State

EDDY COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Per request of the BLM, attached is the deeper part of the directional survey that was not submitted to the BLM with an updated set of completion papers(added BHL). Depth of the survey attached is from 6,955' to 11,770'. The vertical part of the survey was submitted in 2005. Also attached are the revised C-102's for both zones with the actual bottom hole location inserted.

Please note the following for your records:

Logs and final survy 01/17-18/2005
MDTD: 11,770' TVD TD: 11,435'

Formation MD TVD Location

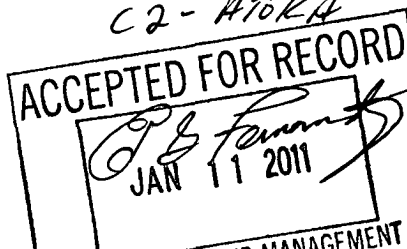
Atoka 10374 10137 913'FNL, 750'FEL of Section 25

Accepted for record

NMOCD

JAN 13 2012

NMOCD ARTESIA



14. I hereby certify that the foregoing is true and correct.

Electronic Submission #126806 verified by the BLM Well Information System

For DEVON ENERGY PRODUCTION CO LP, sent to the Carlsbad

Committed to AFMSS for processing by JAMES (JIM) HUGHES on 01/04/2012 (12JLH0300SE)

Name (Printed/Typed) MELANIE A CRAWFORD

Title REGULATORY ANALYST

Signature

(Electronic Submission)

Date 12/27/2011

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

ACCEPTED

EDWARD FERNANDEZ
Title PETROLEUM ENGINEER

Date 01/11/2012

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office Carlsbad

Title 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.

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

Additional data for EC transaction #126806 that would not fit on the form

Wells/Facilities, continued

Agreement	Lease	Well/Fac Name, Number	API Number	Location
NMNM109716	NMNM96568	FILAREE 25H FEDERAL COM 2	30-015-33617-00-C2	Sec 24 T22S R25E SESE 165FSL 705FEL
NMNM109716	NMNM96568	FILAREE 25H FEDERAL COM 2	30-015-33617-00-C1	Sec 24 T22S R25E SESE 165FSL 705FEL

32. Additional remarks, continued

Atoka 1st perf (actual) 10440 10197 940'FNL, 750' FEL of Sec 25

Morrow 10898 10613 1131' FNL, 736' FEL of Sec 25

Morrow 1st perf (actual) 11137 10824 1216'FNL, 735' FEL of Sec 25

ABHL: 1420'FNL & 764'FEL of Section 25

SL is in Section 24

The above information has been verified by current geologist after review of the directional survey.

NMOCD will be notified via this same sundry notice.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: March 31, 2007

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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
Devon Energy Production Company LP

3. Address 20 North Broadway
OKC, OK 73102

3a. Phone No. (include area code)
405-552-4524

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

P 165 FSL 705 FEL

At surface

1131' FNL, 736' FEL of Sec 25

At top prod. interval reported below

At total depth 1420' FNL & 764' FEL of Sec 25

14. Date Spudded
12/10/2004

15. Date T.D. Reached
01/16/2005

16. Date Completed 02/26/2005
☐ D & A ☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
3453' GL

18. Total Depth: MD 11,770
TVD

19. Plug Back T.D.: MD 11674
TVD

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
PEX-HRLA-BHC-HNGS

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
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
17 1/2"	13 3/8"/H40	48#	0	470'		535 sx Cl C		0	
12 1/4"	9.625/J-55	36#	0	2090'		930 sx Cl C		0	
8 3/4"	5 1/2"/HP110	17#	0	11770'		2800 sx Poz			

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	Perforated Interval	Size	No. Holes	Perf. Status
A) Morrow	11137	11490'	11137-11490'		180	Producing
B)						
C)						
D)						

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

Accepted for record
NMOCD

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
2/26/05	3/16/05	24	→	0	1221	28			Flowing
Choke Size	Tbg. Press. #/wg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
16/64"	1300	1000	→	0	1221	28		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. #/wg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
	SI		→						

*(See instructions and spaces for additional data on page 2)



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 (Solid, used for fuel, vented, etc.)

Sold

30. 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 Bone Spring	2300 4550
				Canyon Series Strawn	9420 9725
				Atoka Morrow	10050 10680
				Morrow Lower Barnett Shale	11100 11275

32. 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 & per Morrow 11, 137 - 11, 490; 180 holes. RIH & set pkr w/ plug @ 11,075'.
 2/9/05 - RIH & recover plug. Acidize 2/ 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

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☐ Directional Survey
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ 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) Melanie CrawfordTitle Regulatory Analyst

Signature

Date

12/27/2011

Title 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.

(Continued on page 3)

(Form 3160-4, page 2)

DISTRICT I
1020 N. French St., Hobbs, NM 88240

DISTRICT II
911 South First, Artesia, NM 88210

DISTRICT III
1900 N. 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
OCRB No.	Operator Name	Elevation
6137	DEVON ENERGY PRODUCTION CO., L.P.	3453'

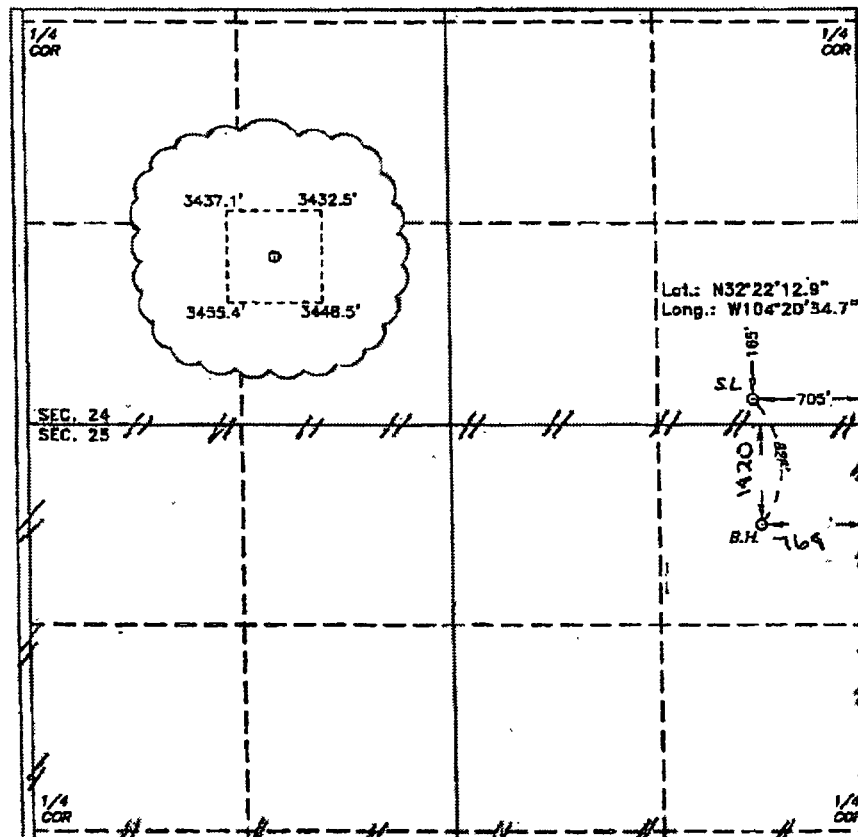
Surface Location

UL or lot No.	Section	Township	Range	Lot 1/4	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 1/4	Feet from the	North/South line	Feet from the	East/West line	County
A	25	22 S	25 E		1420	NORTH	764	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

	OPERATOR CERTIFICATION I hereby certify the information contained herein is true and complete to the best of my knowledge and belief. <i>Melanie Crawford</i> Signature Melanie Crawford Printed Name Regulatory Analyst Title 9/24/11 Date
	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 Data Forwarded by Signature: J. L. JONES Professional Surveyor No. 7977 Professional Surveyor No. 7977 7977
	1/4 COR
	1/4 COR

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: March 31, 2007

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. NM-109716
3. Address 20 North Broadway OKC, OK 73102		8. Lease Name and Well No. Filaree 25A Federal 2
3a. Phone No (include area code) 405-552-4524		9. AFI Well No. 30-015-33617 C1 & C2
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 913' FNL, 750' FEL of Section 25 At total depth 1420' FNL & 764' FEL of section 25		10. Field and Pool or Exploratory Happy Valley; atoka
14. Date Spudded 12/10/2004		11. Sec., T., R., M., on Block and Survey or Area 24-22S-25E
15. Date T.D. Reached 01/16/2005		12. County or Parish Eddy 13. State NM
16. Date Completed 02/26/2005 ☐ D & A ☒ Ready to Prod.		17. Elevations (DF, RKB, RT, GL)* 3453' GL
18. Total Depth: MD 11,770 TVD		20. Depth Bridge Plug Set: MD TVD
19. Plug Back T.D.: MD 11,674 TVD		22. Was well cored? ☒ No ☐ Yes (Submit analysis) Was DST run? ☒ No ☐ Yes (Submit report) Directional Survey? ☐ No ☒ Yes (Submit copy)
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) 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 of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2"	13 3/8"/H40	48#	0	470'		535 sx Cl C		0	
12 1/4"	9.625/J-55	36#	0	2090'		930 sx Cl C		0	
8 3/4"	5 1/2"/HP110	17#	0	11,770'		2800 sx Poz			

24. Tubing Record		26. Perforation Record	
Size	Depth Set (MD)	Size	Depth Set (MD)
2.875"	11.093'		
25. Producing Intervals		26. Perforation Record	
Formation	Top	Bottom	Perforated Interval
A) Atoka C2	10440'	10459'	10440-10459'
B)			
C)			
D)			

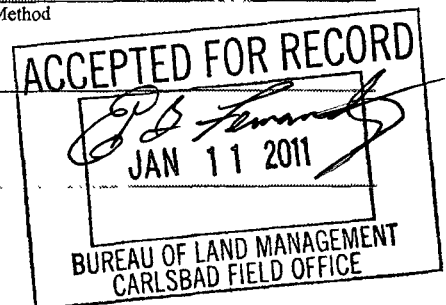
27. Acid, Fracture, Treatment, Cement Squeeze, etc.	
Depth Interval	Amount and Type of Material
10,440-10,459'	Acidize w/ 3000 gals 7.5% HCl

Accepted for record
NMOCD
1/2/2012

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
2/26/05	3/17/05	24	→	0	483	0			Flowing
Choke Size	Tbg. Press	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
9/64"	SI	1000	→	0	483	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	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
SI			→						

*(See instructions and spaces for additional data on page 2)



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 (Solid, used for fuel, vented, etc.)
Sold

30. Summary of Porous Zones (Include Aquifers):	31. Formation (Log) Markers
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.	

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				Delaware Bone Spring	2300 4550
				Canyon Series Strawn	9420 9725
				Atoka Morrow	10050 10680
				Morrow Lower Barnett Shale	11100 11275

32. 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
 2/16/05 - RIH w/pkr & set @ 11,070', RIH w/csg gun and perf Atoka @ 10, 440-10,459; 57 holes.
 2/18/05 - Acidize w/ 3000 gals 7.5%HCl.
 2/26/05 - Bring well on line

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☐ Directional Survey
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ 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) Melanie Crawford Title Regulatory Analyst
 Signature Melanie Crawford Date 12/27/11

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(Form 3160-4, page 2)

DISTRICT I
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DISTRICT III
1600 N. Main St., Aztec, NM 87410

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87504-2088

Form C-102
Revised March 17, 1999

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	McKinnick Hills, Pool Name
Property Code	Property Name	Well Number
6137	FILAREE "25A" FEDERAL	2
Operator Name	Elevation	
DEVON ENERGY PRODUCTION CO., L.P.	3453'	

Surface Location

UL or lot No.	Section	Township	Range	Lot No.	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 No.	Feet from the	North/South line	Feet from the	East/West line	County
A	25	22 S	25 E	1420		NORTH	764	EAST	EDDY
Dedicated Acres	Section or well	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

	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <i>Melanie Crawford</i> Signature Melanie Crawford Printed Name Regulatory Analyst Title 9/26/11 Date
	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 Signature: E. L. JONES Professional Surveyor Professional Surveyor W.O. No. 4255 Certificate No. 7977 BASS SURVEYS



Scientific
Drilling

SCIENTIFIC DRILLING INTERNATIONAL, INC.

Survey Report

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

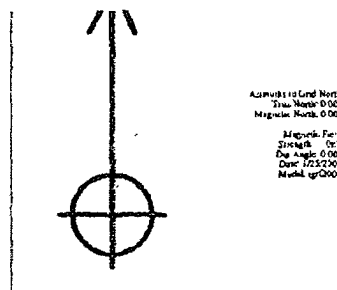
Survey

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

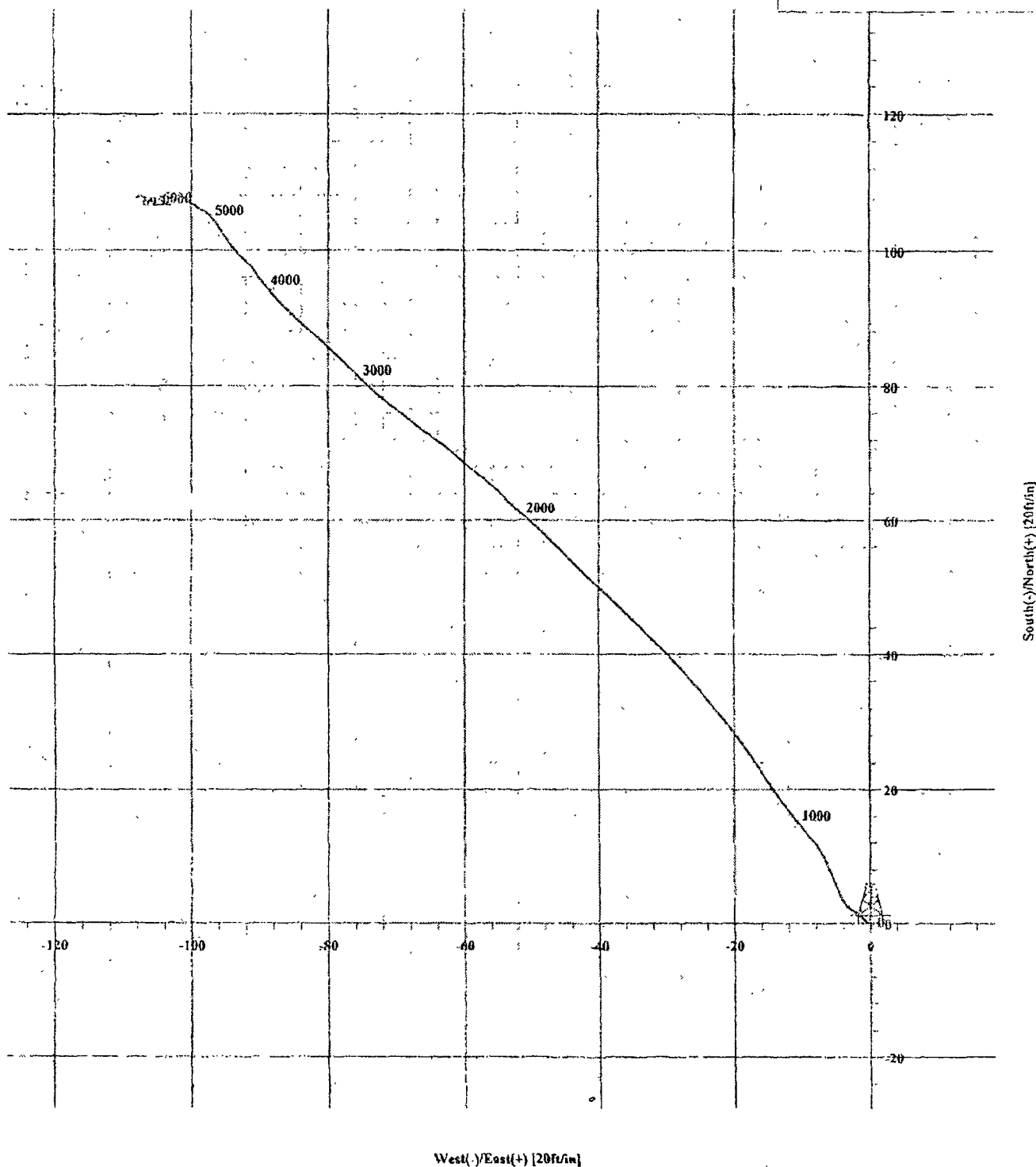


Scientific
Drilling

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



Assume 110' to 120' North
True North: 0.00°
Magnetic North: 0.00°
Magnetic Field
Strength: 0.0 T
Dip Angle: 0.00°
Date: 12/27/04
Model: gr2000





PathFinder Survey Report

Company: Devon Energy
Field: Filaree "25A" #2
Site: Section 24, T-22S, R-25E
Well: Filaree "25A"
Wellpath: Original Hole

Date: 1/18/2005
Co-ordinate(N/E) Reference: Well: Filaree "25A", True North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,180.00Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Field: Filaree "25A" #2
Eddy County, NM

Map System: US State Plane Coordinate System 1927
Geo Datum: NAD27 (Clarke 1866)
Sys Datum: Mean Sea Level

Map Zone: New Mexico, Eastern Zone
Coordinate System: Well Centre
Geomagnetic Model: igrf2000

Site: Section 24, T-22S, R-25E

Eddy County, NM

Site Position: Northing: 498412.24 ft Latitude: 32 22 12.900 N
From: Geographic Easting: 497024.06 ft Longitude: 104 20 34.700 W
Position Uncertainty: 0.00 ft North Reference: True
Ground Level: 3453.00 ft Grid Convergence: -0.01 deg

Well: Filaree "25A"

Slot Name:

Well Position: +N/-S 0.00 ft Northing: 498412.24 ft Latitude: 32 22 12.900 N
+E/-W 0.00 ft Easting: 497024.06 ft Longitude: 104 20 34.700 W
Position Uncertainty: 0.00 ft

Wellpath: Original Hole

Drilled From: Surface

Current Datum: SITE Height 0.00 ft
Magnetic Data: 12/21/2004
Field Strength: 49443 nT
Vertical Section: Depth From (TVD) +N/-S
ft ft
0.00 0.00

Tie-on Depth: 0.00 ft
Above System Datum: Mean Sea Level
Declination: 893 deg
Mag Dip Angle: 60.42 deg
+E/-W Direction
ft deg
0.00 180.00

Survey: PathFinder MWD Surveys

Start Date: 12/30/2004

Company: PathFinder Energy Services
Tool:

Engineer: Ron McIntyre
Tied-to: From: Definitive Path

Survey: PathFinder MWD Surveys

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
6955.00	0.62	221.98	6951.96	107.73	-107.86	-107.73	0.00	0.00	0.00	Tie-In to SDI Gyro
7013.00	2.29	187.44	7009.94	106.35	-108.22	-106.35	3.13	2.88	-59.55	Begin PathFinder Surveys
7075.00	4.13	177.07	7071.84	102.89	-108.26	-102.89	3.10	2.97	-16.73	
7139.00	5.01	172.76	7135.64	97.81	-107.79	-97.81	1.48	1.37	-6.73	
7203.00	6.77	168.36	7199.30	91.35	-106.68	-91.35	2.84	2.75	-6.87	
7266.00	8.44	170.21	7261.74	83.15	-105.14	-83.15	2.68	2.65	2.94	
7329.00	9.76	173.46	7323.95	73.29	-103.75	-73.29	2.25	2.10	5.16	
7393.00	11.26	174.60	7386.87	61.68	-102.54	-61.68	2.37	2.34	1.78	
7457.00	13.45	174.52	7449.39	48.05	-101.24	-48.05	3.42	3.42	-0.12	
7521.00	15.74	176.01	7511.32	31.98	-99.93	-31.98	3.63	3.58	2.33	
7582.00	17.24	177.59	7569.81	14.69	-98.97	-14.69	2.57	2.46	2.59	
7643.00	18.99	179.09	7627.78	-4.26	-98.44	-4.26	2.97	2.87	2.46	
7705.00	20.84	176.89	7686.07	-25.36	-97.68	-25.36	3.22	2.98	-3.55	
7768.00	22.51	177.50	7744.61	-48.60	-96.54	-48.60	2.67	2.65	0.97	
7831.00	21.81	177.86	7802.96	-72.35	-95.58	-72.35	1.13	-1.11	0.57	
7895.00	23.21	177.33	7862.08	-96.83	-94.55	-96.83	2.21	2.19	-0.83	
7957.00	23.39	175.92	7919.03	-121.31	-93.10	-121.31	0.95	0.29	-2.27	
8020.00	24.01	175.66	7976.71	-146.56	-91.24	-146.56	1.00	0.98	-0.41	
8084.00	23.13	175.75	8035.37	-172.08	-89.33	-172.08	1.38	-1.37	0.14	
8147.00	23.74	176.10	8093.18	-197.07	-87.55	-197.07	0.99	0.97	0.56	
8209.00	24.71	176.80	8149.72	-222.46	-85.97	-222.46	1.63	1.56	1.13	
8273.00	24.36	176.45	8207.94	-248.99	-84.41	-248.99	0.59	-0.55	-0.55	
8336.00	24.09	175.75	8265.39	-274.78	-82.65	-274.78	0.63	-0.43	-1.11	
8399.00	24.09	176.54	8322.90	-300.44	-80.92	-300.44	0.51	0.00	1.25	



PathFinder Survey Report

Company: Devon Energy
Field: Filaree "25A" #2
Site: Section 24, T-22S, R-25E
Well: Filaree "25A"
Wellpath: Original Hole

Date: 1/18/2005
Co-ordinate(NE) Reference: Well: Filaree "25A", True North
Vertical (FVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,180.00Azi)
Survey Calculation Method: Minimum Curvature
Db: Sybase

Time: 15:14:51
Page: 2

Survey: PathFinder MWD Surveys

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Foot/Comment
8462.00	24.62	177.77	8380.30	-326.39	-79.64	326.39	1.16	0.84	1.95	
8525.00	23.65	177.94	8437.79	-352.13	78.67	352.13	1.54	-1.54	0.27	
8588.00	22.95	177.86	8495.65	-377.03	-77.76	377.03	1.11	-1.11	-0.13	
8651.00	22.86	177.68	8553.68	-401.53	-76.81	401.53	0.18	-0.14	-0.29	
8714.00	23.39	176.89	8611.62	-426.25	-75.63	426.25	0.97	0.84	-1.25	
8776.00	20.75	177.50	8669.07	-449.51	-74.49	449.51	4.27	-4.26	0.98	
8838.00	21.45	177.50	8726.92	-471.81	-73.51	471.81	1.13	1.13	0.00	
8901.00	23.21	176.89	8785.19	-495.72	-72.34	495.72	2.82	2.79	-0.97	
8963.00	24.18	175.57	8841.96	-520.57	-70.69	520.57	1.78	1.56	-2.13	
9026.00	24.53	176.80	8899.36	-546.50	-68.97	546.50	0.98	0.56	1.95	
9088.00	24.62	178.12	8955.74	-572.25	-67.82	572.25	0.90	0.16	2.13	
9150.00	21.98	176.71	9012.68	-596.75	-66.73	596.75	4.35	-4.26	-2.27	
9213.00	22.07	172.58	9071.09	-620.26	-64.53	620.26	2.46	0.14	-6.56	
9276.00	21.63	178.12	9129.57	-643.60	-62.62	643.60	3.35	0.70	8.79	
9340.00	22.69	183.57	9188.84	-667.72	-63.00	667.72	3.61	1.66	8.52	
9409.00	21.28	184.01	9252.83	-693.49	-64.70	693.49	2.06	-2.04	0.64	
9466.00	21.02	181.72	9305.99	-714.03	-65.74	714.03	1.52	-0.46	-4.02	
9535.00	22.34	181.20	9370.10	-739.51	-66.38	739.51	1.93	1.91	0.75	
9592.00	22.77	179.79	9422.74	-761.37	-66.57	761.37	1.21	0.75	-2.47	
9655.00	23.57	177.24	9480.66	-786.14	-65.92	786.14	2.04	1.27	-4.05	
9718.00	24.53	176.71	9538.19	-811.78	64.56	811.78	1.56	1.52	-0.84	
9781.00	22.51	177.68	9595.96	-836.89	-63.32	836.89	3.26	-3.21	1.54	
9844.00	22.86	178.21	9654.08	-861.17	-62.45	861.17	0.84	0.56	0.84	
9907.00	22.86	178.82	9712.14	-885.64	-61.82	885.64	0.38	0.00	0.97	
9970.00	23.65	177.94	9770.02	-910.50	-61.11	910.50	1.37	1.25	-1.40	
10034.00	22.34	179.26	9828.93	-935.49	-60.49	935.49	2.20	-2.05	2.06	
10097.00	23.30	176.45	9887.00	-959.90	59.56	959.90	2.30	1.52	4.46	
10159.00	24.97	173.29	9943.58	-985.14	-57.28	985.14	3.40	2.69	-5.10	
10223.00	26.12	172.49	10001.32	-1012.52	-53.86	1012.52	1.88	1.80	-1.25	
10285.00	26.56	172.41	10056.89	-1039.79	-50.24	1039.79	0.71	0.71	-0.13	
10347.00	24.62	176.01	10112.81	-1066.42	-47.51	1066.42	4.01	3.13	5.81	
10410.00	24.53	176.71	10170.10	-1092.57	-45.85	1092.57	0.48	-0.14	1.11	
10473.00	25.94	175.57	10227.09	-1119.36	-44.03	1119.36	2.37	2.24	-1.81	
10535.00	26.12	173.11	10282.80	-1146.43	-41.35	1146.43	1.77	0.29	-3.97	
10598.00	25.59	173.11	10339.49	-1173.71	38.05	1173.71	0.84	-0.84	0.00	
10659.00	24.71	175.31	10394.71	-1199.50	-35.43	1199.50	2.10	-1.44	3.61	
10722.00	24.27	176.98	10452.04	-1225.55	-33.67	1225.55	1.30	-0.70	2.65	
10785.00	23.92	177.33	10509.55	-1251.24	32.39	1251.24	0.60	-0.56	0.56	
10848.00	23.65	178.91	10567.20	-1276.63	-31.56	1276.63	1.10	-0.43	2.51	
10911.00	22.77	181.20	10625.11	-1301.45	-31.57	1301.45	2.00	-1.40	3.63	
10974.00	22.60	181.02	10683.23	-1325.75	32.04	1325.75	0.29	-0.27	-0.29	
11037.00	22.07	180.67	10741.51	-1349.68	-32.40	1349.68	0.87	-0.84	-0.56	
11100.00	20.75	182.43	10800.16	-1372.67	-33.01	1372.67	2.33	-2.10	2.79	
11163.00	20.84	181.72	10859.05	-1395.02	-33.82	1395.02	0.42	0.14	-1.13	
11226.00	19.96	184.62	10918.10	-1416.94	-35.02	1416.94	2.13	-1.40	4.60	
11288.00	19.26	186.65	10976.51	-1437.65	37.06	1437.65	1.58	-1.13	3.27	
11350.00	19.26	185.24	11035.04	-1457.99	-39.18	1457.99	0.75	0.00	-2.27	
11413.00	19.26	186.03	11094.51	-1478.67	-41.22	1478.67	0.41	0.00	1.25	
11476.00	17.94	187.88	11154.22	-1498.61	-43.64	1498.61	2.29	2.10	2.94	
11540.00	17.50	190.86	11215.18	-1517.83	-46.80	1517.83	1.57	-0.69	4.66	
11572.00	17.41	190.60	11245.71	-1527.26	-48.59	1527.26	0.37	-0.28	-0.81	PathFinder MWD Survey
11700.00	17.41	190.60	11367.85	-1564.90	-55.64	1564.90	0.00	0.00	0.00	Bit Projection
11770.00	17.41	190.60	11434.64	-1585.49	-59.49	1585.49	0.00	0.00	0.00	Devon Bit Projection



PathFinder Survey Report

Company:	Devon Energy	Date:	1/18/2005	Time:	15:14:51	Page:	3
Field:	Filaree "25A" #2	Co-ordinate(N/E) Reference:	Well: Filaree "25A", True North				
Site:	Section 24, 1-22S, R-25E	Vertical (TVD) Reference:	SITE 0.0				
Well:	Filaree "25A"	Section (VS) Reference:	Well (0.00N,0.00E,180.00Az)				
Wellpath:	Original Hole	Survey Calculation Method:	Minimum Curvature Db: Sybase				

Annotation

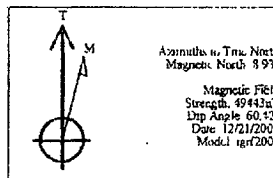
MD ft	TVD ft	
6955.00	6951.96	Tie-In to SDI Gyro
7013.00	7009.94	Begin PathFinder Surveys
11572.00	11245.71	PathFinder MWD Survey
11700.00	11367.85	Bit Projection
11770.00	11434.64	Devon Bit Projection

Rig: Patterson #5

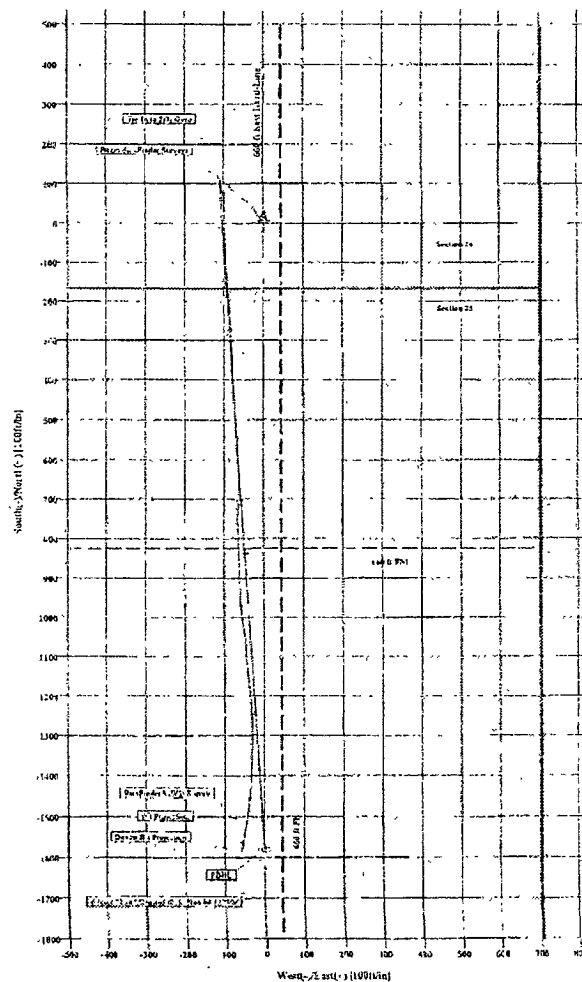
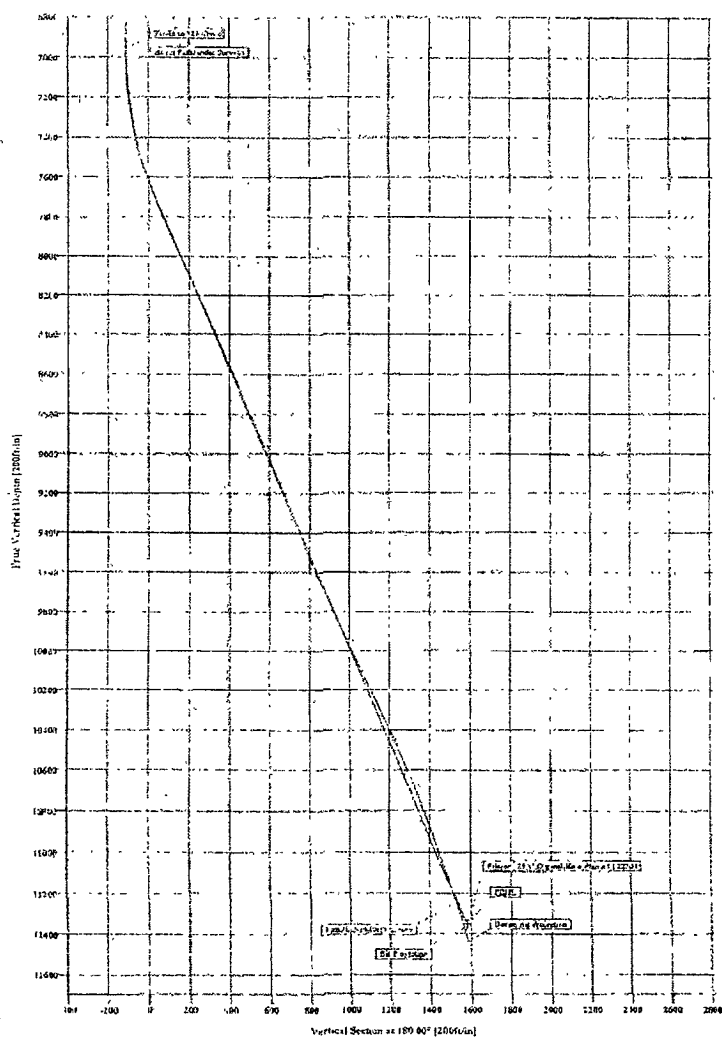
PATHFINDER

ENERGY SERVICES

Ground Level	3453.00
Positional Uncertainty	0.00
Convergence	-0.01



Name	+N/-S	+E/-W	Northng	Eastng	Latitude	Longitude	Stor
Filarec '25A'	C 00	0 00	49°44'2.24	49°02'4.36	32°22'11.9400N	164°10'34.7000W	N/A



District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1030 Rio Brans Rd., Aztec, NM 87419
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-104
Revised October 18, 1994
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☒ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Operator Name and Address Devon Energy Production Company, LP 20 N. Broadway, Suite 1500 Oklahoma City, OK 73102-8260		OGRID Number 6137
Reason for Filing Code NW		
API Number 38-015-33617	Pool Name Happy Valley; Atoka	Pool Code
Property Code	Property Name Filaros 25A Federal	Well Number 2

II. Surface Location

UI or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
P	24	22S	25E		165	South	705	East	Eddy

Bottom Hole Location

UI or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
H	25	22S	25E		1362	North	752	East	Eddy
Line Code F	Producing Method Code F	Gas Connection Date 2/26/2005	C-129 Permit Number	C-129 Effective Date	C-129 Expiration Date				

III. Oil and Gas Transporters

Transporter OGRID	Transporter Name and Address	POD	O/G	POD ULSTR Location and Description
7857	Galterra PO Box 4503 Houston TX 77210		G	
015694	Navajo Refining PO Box 159 Artesia NM 88211		O	

IV. Produced Water

POD	POD ULSTR Location and Description

V. Well Completion Data

Spud Date	Ready Date	TD	PBTD	Perforations	DBC, DC, MC
12/10/2004	2/26/2005	11,770	11,674	10,440-10,459'	
Hole Size	Casing & Tubing Size	Depth Set	Backs Cement		
17 1/2"	13 3/8"/H40	470'	5 ex Poz, 200 ex C1 C, circ 150		
12 1/4"	9.625/J-55	2090'	690 ex Poz, 250 ex C1 C		
8 3/4"	5 1/2"/H110	11,770'	2800 ex Poz, circ 353 ex		

VI. Well Test Data

Date New Oil	Gas Delivery Date	Test Date	Test Length	Test Pressure	Gas Pressure
2/26/2005	2/26/2005	3/17/2005	24	0	1000
Choke Size	Oil	Water	Gas	AOF	Test Method
3/64"	0	0	483		

I hereby certify that the rules of the Oil Conservation division have been complied with and that the information given above is true and correct to the best of my knowledge and belief.

Signature: *[Signature]*
Printed Name: Norvella Adams
Title: Sr. Staff Engineering Technician
Date: 5/11/2005 Phone: (405) 552-8198

OIL CONSERVATION DIVISION
Approved by: *[Signature]*
Title: Supervisor
Approval Date: MAY 15 2005

If this is a change of operator fill in the OGRID number and name of the previous operator			
Previous Operator Signature	Printed Name	Title	Date

COPY

District I

PO Box 1980, Hobbs, NM 88241-1980

District II

PO Drawer DD, Artesia, NM 88211-0719

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

2040 South Pacheco, Santa Fe, NM 87505

STATE OF NEW MEXICO

Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

2040 South Pacheco

Santa Fe, NM 87505

Form C-104

Revised October 18, 1994

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☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Operator Name and Address Devon Energy Production Company, LP 20 N. Broadway, Suite 1500 Oklahoma City, OK 73102-8260		OGRID Number 6137
Reason for Filing Code NW		Well Number 2
API Number 30-015-33617	Pool Name Happy Valley; Morrow	Well Number 2
Property Code	Property Name Filerree 25A Federal	

II. Surface Location

UI or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
P	24	22S	25E		165	South	705	East	Eddy

Bottom Hole Location

UI or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County

Use Code	Producing Method Code	Gas Connection Date	C-129 Permit Number	C-129 Effective Date	C-129 Expiration Date
F	F	2/26/2005			

III. Oil and Gas Transporters

Transporter OGRID	Transporter Name and Address	POD	O/G	POD ULSTR Location and Description
7057	Gulterra PO Box 4503 Houston TX 77210		G	
015694	Navajo Refining PO Box 159 Artesia NM 88211		O	
				RECEIVED MAY 13 2005 OCD-ARTESIA

IV. Produced Water

POD	POD ULSTR Location and Description

V. Well Completion Data

Spud Date	Ready Date	TD	PBTD	Perforations	DHC, DC, MC
12/10/2004	2/26/2005	11,770	11674	11,137-11,490'	
Hole Size	Casing & Tubing Size	Depth Set	Sacks Cement		
17 1/2"	13 3/8"/H40	470'	5 sx Poz, 200 sx CI C; circ 150		
12 1/4"	9.625/J-55	2090'	680 sx Poz, 250 sx CI C		
8 3/4"	5 1/2"/HP110	11,770'	2800 sx Poz; circ 353 sx		

VI. Well Test Data

Date New Oil	Gas Delivery Date	Test Date	Test Length	Tbg. Pressure	Csg. Pressure
2/26/2005	2/26/2005	3/16/2005	24	1360	1080
Choke Size	Oil	Water	Gas	AOI	Test Method
16/64"	0	28	1221		

I hereby certify that the rules of the Oil Conservation division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Norvella Adams*
Printed Name: Norvella Adams

Title: Sr. Staff Engineering Technician

Date: 5/11/2005

Phone: (405) 552-8198

OIL CONSERVATION DIVISION

TIM W. GUM

DISTRICT II SUPERVISOR

Approved by:

Title:

Approval Date:

MAY 13 2005

If this is a change of operator fill in the OGRID number and name of the previous operator

Previous Operator Signature	Printed Name	Title	Date

COPY

District I
PO Box 1988, Hobbs, NM 88241-1988
District II
PO Director DD, Artesia, NM 88211-0719
District III
1080 Elie Brunes Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

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☒ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Operator Name and Address Devon Energy Production Company, LP 20 N. Broadway, Suite 1500 Oklahoma City, OK 73102-8260		OGRID Number 6137
Reason for Filing Code NW		
API Number 30-015-33617	Pool Name Happy Valley, Morrow	Pool Code
Property Code	Property Name Filmore 25A Federal	Well Number 2

II. Surface Location

UI or lot no.	Section	Township	Range	Lot 1/4	Feet from the	North/South Line	Feet from the	East/West Line	County
P	24	23S	25E		163	South	705	East	Eddy

Bottom Hole Location

UI or lot no.	Section	Township	Range	Lot 1/4	Feet from the	North/South Line	Feet from the	East/West Line	County
H	25	22S	25E		1352	North	752	East	Eddy
Lee Code F	Producing Method Code F	Gas Connection Date 2/26/2005	C-129 Permit Number	C-129 Effective Date	C-129 Expiration Date				

III. Oil and Gas Transporters

Transporter OGRID	Transporter Name and Address	POD	OCG	POD ULSTR Location and Description
7857	Gulterra PO Box 4503 Houston TX 77210		G	
015694	Navajo Refining PO Box 159 Artesia NM 88211		O	

IV. Produced Water

POD	POD ULSTR Location and Description

V. Well Completion Data

Spud Date	Ready Date	TD	FBTD	Perforations	DRC, DC, MC
12/10/2004	2/26/2005	11,770	11674	11,137-11,490'	
Bore Size	Casing & Tubing Size	Depth Set	Seal Cement		
17 1/2"	13 3/8"/H40	478'	5 in Poz, 200 in CI C; else 15'		
12 1/4"	9.625/J-55	2098'	688 in Poz, 250 in CI C		
8 3/4"	5 1/2"/HFP110	11,770'	2800 in Poz; else 353 in		

VI. Well Test Data

Date New Oil	Gas Delivery Date	Test Date	Test Length	Test Pressure	Gas Pressure
2/26/2005	2/26/2005	3/16/2005	24	1300	1000
Choke Size	Oil	Water	Gas	AOI	Test Method
16/64"	0	28	1221		

I hereby certify that the rules of the Oil Conservation division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: *[Signature]*
Printed Name: Norrell Adams
Title: Sr. Staff Engineering Technician
Date: 5/11/2005
Phone: (405) 552-8198

OIL CONSERVATION DIVISION
TIM W. GUM
DISTRICT II SUPERVISOR
Approved by: *[Signature]*
Title:
Approval Date: NOV 15 2005

If this is a change of operator fill in the OGRID number and name of the previous operator

Previous Operator Signature	Printed Name	Title	Date

COPY

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

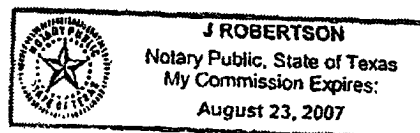
COPY

STATE OF TEXAS
COUNTY OF MIDLAND

BY: Steve Moore

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

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





Scientific
Drilling

SCIENTIFIC DRILLING INTERNATIONAL 31

Survey Report

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'-8955'
Company: Scientific Drilling Internatio Engineer: Carter w/Gray
Tool: Keeper, Keeper Gyro Tied-to: From Surface

COPY

Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ChD ft	ChA 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	198.74	100.0	0.0	0.0	0.0	0.04	0.0	198.74
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