Form 3160-3
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
FEB 2003
OCD ARTESIA

Oil Cons.
N.M. DIV-Dist. 2
1301 W. Grand Avenue
Artesia, NM 88210

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

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.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

5. Lease Serial No.
NM-NM029301

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

7. If Unit or CA/Agreement, Name and/or No.
SW-258

1. Type of Well
☐ Oil Well ☐ Gas Well ☒ Other - proposed oil well

8. Well Name and No.
Martha Creek Gas Com. #7

2. Name of Operator
Devon Energy Production Company, / Wally Frank
Senior Operations Engr.

9. API Well No.
30-015- 32646

3a. Address
20 N. Broadway, Suite 1500, OKC, OK 73102

3b. Phone No. *(include area code)*
(405)552-4595

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

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
SHL: 2180' FNL & 660' FEL, Unit H, Section 30-T21S-R24E, Eddy Cnty, NM
BHL: 1980' FNL & 660' FEL, Unit H, Section 30-T21S-R24E, Eddy Cnty, NM
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11. County or Parish, State
Eddy County
New Mexico

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 amend APD
	☐ 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 recomplete horizontally, give subsurface locations 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 recompletion 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.)

In order to fully comply with field spacing rules, Devon Energy is requesting authority to drill the Martha Creek Gas Com. #7 directionally from it's non-standard surface location to a standard bottom hole location. Attached please find the following.

1. Well Location and Acreage Dedication Plat (NMOCD form C-102) showing the bottom hole location
2. Directional 7" casing string design sheet

APPROVED
FEB 13 2003
LES BABYAK
PETROLEUM ENGINEER

SUBJECT TO LIKE APPROVAL BY NMOCD

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)*
Candace R. Graham 405/235-3611 X4520

Title
Engineering Tech.

Signature Candace R. Graham

Date
02/11/2003

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
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	

Title 18 U.S.C. Section 1001, makes 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.

(Instructions on reverse)

DISTRICT I
P. O. Box 1980
Hobbs, NM 88241-1980

DISTRICT II
P. O. Drawer DD
Artesia, NM 88211-0719

DISTRICT III
1000 Rio Brazos Rd.
Aztec, NM 87410

DISTRICT IV
P. O. Box 2088
Santa Fe, NM 87507-2088

State of New Mexico
Energy, Minerals, and Natural Resources Department

Form C-102
Revised 02-10-94

Instructions on back

Submit to the Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

OIL CONSERVATION DIVISION
P. O. Box 2088
Santa Fe, New Mexico 87504-2088

[*] AMENDED REPORT

2/11/2003 added BHL

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number	2 Pool Code	3 Pool Name
30-015-31141	33685	INDIAN BASIN (UPPER PENN) ASSOC.

4 Property Code	5 Property Name	6 Well Number
22545	MARTHA CREEK GAS COM.	7

7 OGRID No.	8 Operator Name	9 Elevation
6137	DEVON ENREGY ~~CORPORATION (NEVADA)~~ PRODUCTION COMPANY, L.P.	3715'

10 SURFACE LOCATION

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
H/12	30	21 SOUTH	24 EAST, N.M.P.M.		2180'	NORTH	660'	EAST	EDDY

11 BOTTOM HOLE LOCATION IF DIFFERENT FROM SURFACE

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
H	30	21-S	24-E		1980'	NORTH	660'	EAST	EDDY

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
320			

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

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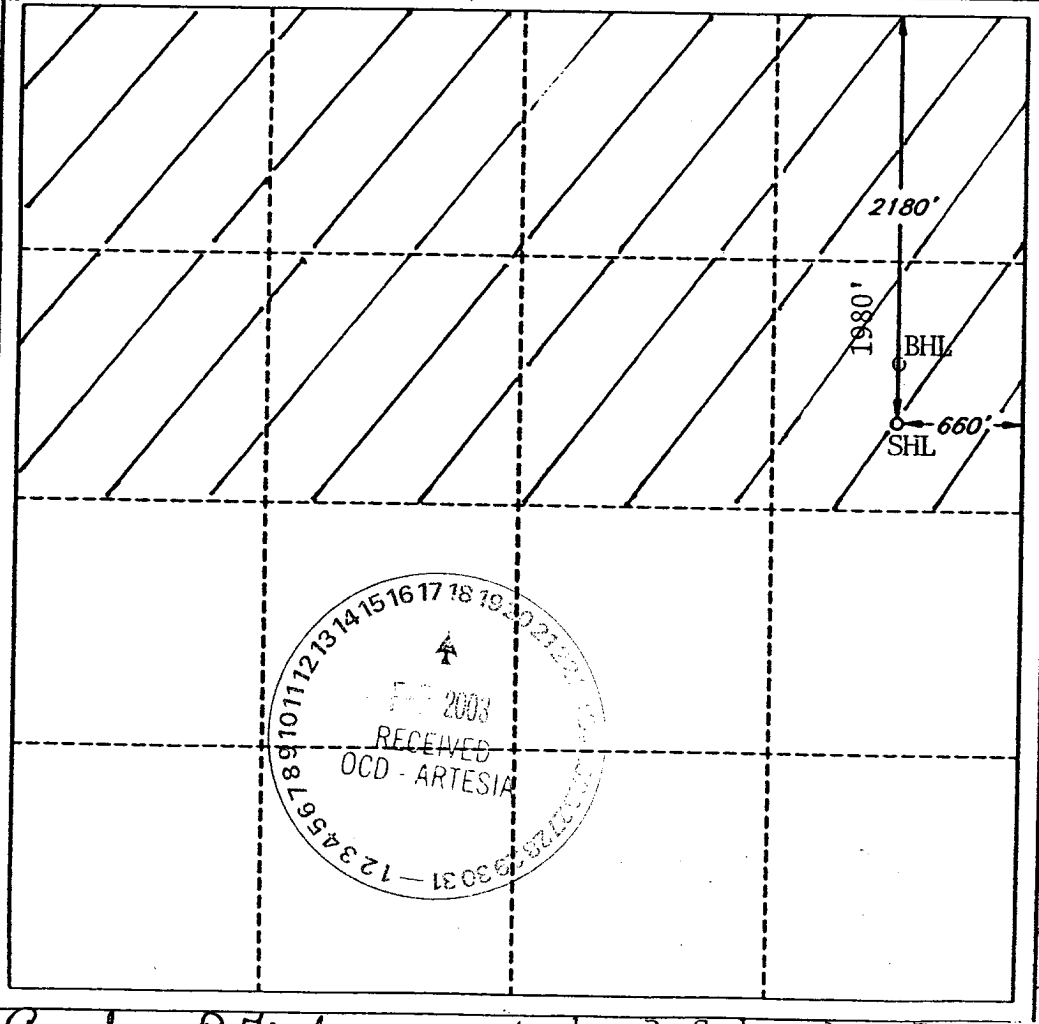

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature: Candace R. Graham

Printed Name: Candace R. Graham

Title: Engineering Tech.

Date: March 14, 2000

February 11, 2003

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.

Date of Survey: SEPTEMBER 8, 1999

Signature and Seal of Professional Surveyor

Certificate No. V. L. BEZNER R.P.S. #7920

JOB #64994 / 51 NE / V.H.B.

* Candace R. Graham Candace R. Graham, Devon Energy Production Company, L.P.
resubmitting due to expiration of original APD 10-16-2002

Well name:	**Martha Creek #7**
Operator:	**Devon Energy Production Company L.P.**
String type:	Production
Location:	Section 30, T21S, R24E, Eddy Co., NM

Design parameters:

Collapse
Mud weight: 8.200 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 3,621 psi
Internal gradient: 0.000 psi/ft
Calculated BHP 3,621 psi

Annular backup: 8.80 ppg

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Tension is based on buoyed weight.
Neutral point: 7,456 ft

Estimated cost: 58,062 ($)

Environment:
H2S considered? Yes
Surface temperature: 80 °F
Bottom hole temperature: 165 °F
Temperature gradient: 1.00 °F/100ft
Minimum section length: 1,500 ft

Directional Info - Build & Hold
Kick-off point 6000 ft
Departure at shoe: 200 ft
Maximum dogleg: 1.5 °/100ft
Inclination at shoe: 4.89 °

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
3	1000	7	23.00	HCL-80	LT&C	1000	1000	6.25	9709
2	5500	7	23.00	J-55	LT&C	6499	6500	6.25	28858
1	2008	7	23.00	HCL-80	LT&C	8500	8508	6.25	19495

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
3	426	5119	12.02	3621	6340	1.75	171.4	485	2.83 J
2	2768	3214	1.16	3163	4360	1.38	148.4	313	2.11 J
1	3621	5650	1.56	650	6340	9.76	21.9	485	22.13 J

Prepared by: W.M. Frank
Devon Energy
Phone: (405) 552-4595
FAX: (405) 552-4621
Date: February 11,2003
Oklahoma City, Oklahoma

Remarks:
Collapse is based on a vertical depth of 8500 ft, a mud weight of 8.2 ppg The casing is considered to be evacuated for collapse purposes.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.
Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a