

2/6/04 2/26/04
District I
1625 N. Beach Drive, Hobbs, NM 88240

District II
811 South First Street, Artesia, NM 88210

District III
1000 Rio Brazos Road, Aztec, NM 87410

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107A
Revised May 15, 2000

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

APPLICATION TYPE
Single Well
Establish Pre-Approved Pools
EXISTING WELLBORE
Yes No

APPLICATION FOR DOWNHOLE COMMINGLING

RECEIVED

Devon Louisiana Corporation 20 N. Broadway, Suite 1500, Oklahoma City, OK 73102
Operator Address

Panter Martin 2 K-3-16S-35E Lea
Lease Well No. Unit Letter/Section-Township-Range County

OGRID No. 169355 Property Code 25192 API No. 30-025-35378 Lease Type: Federal X State Fee

FEB 06 2004

Oil Conservation Division
1220 S. Saint Francis Drive
Santa Fe, NM 87505

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Shoe Bar Atoka North Gas		Shoe Bar Morrow North
Pool Code	96763		96882
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	11,850' - 11,860'		12,152' - 12,188
Method of Production (Flowing or Artificial Lift)	Flowing		Flowing
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)			
Oil Gravity or Gas BTU (Degree API or Gas BTU)	1207 BTU		1204 BTU
Producing, Shut-In or New Zone	Producing		SI
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	Date: 1/4/04 Rates: 0BO 22MCF 0BW	Date: Rates:	Date: 1/23/04 Rates: 3BO 187MCF 0 BW
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil Gas 0% % 10% %	Oil Gas % %	Oil Gas 100% 90 %

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones?
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?

Yesx No
Yes No

Are all produced fluids from all commingled zones compatible with each other?

Yesx No

Will commingling decrease the value of production?

Yes Nox

If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands
or the United States Bureau of Land Management been notified in writing of this application?

Yesx No

NMOCD Reference Case No. applicable to this well: _____

Attachments:

C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
Production curve for each zone for at least one year. (If not available, attach explanation.)
For zones with no production history, estimated production rates and supporting data.
Data to support allocation method or formula.
Notification list of working, royalty and overriding royalty interests for uncommon interest cases.
Any additional statements, data or documents required to support commingling.

PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

List of other orders approving downhole commingling within the proposed Pre-Approved Pools
List of all operators within the proposed Pre-Approved Pools
Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.
Bottomhole pressure data.

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

SIGNATURE Karen Cottom TITLE Sr. Operations Technician DATE 1/30/04

TYPE OR PRINT NAME Karen Cottom TELEPHONE NO. (405) 228-7512

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 rio Brazos Rd, Aztec, NM
87410

OIL CONSERVATION DIVISION

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

WELL API NO.
30-025-35378

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name
Panther Martin

8. Well No.

2
9. Pool name or Wildcat
Shoe Bar North; Atoka & Morrow

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"
(FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other _____

2. Name of Operator

DEVON LOUISIANA CORPORATION

3. Address of Operator

20 NORTH BROADWAY, SUITE 1500, OKLAHOMA CITY, OKLAHOMA 73102 (405) 2287512

4. Well Location

Unit Letter K: 3750 Feet From The North Line and 1980 Feet From The West Line

Section 3

Township 16S

Range 35E

NMPM

Lea

County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

4009' GR

Check Appropriate Box To Indicate Nature Of Notice, Report, Or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐

CHANGE PLANS ☐

PULL OR ALTER CASING ☐

OTHER: Downhole Commingle ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐

ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐

PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: ☐

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work.) SEE RULE 1103.

Devon Louisiana Corporation is applying with the New Mexico Oil Conservation Division to downhole commingle the existing Shoe Bar North Atoka (96763) perms (11,850' – 11,860') and with the existing Shoe Bar Morrow North, (96882) perms (12,152' – 12,188'). The commingling will not reduce the value of the total remaining production. Ownership in the zones is identical.

The proposed allocations are as follows:

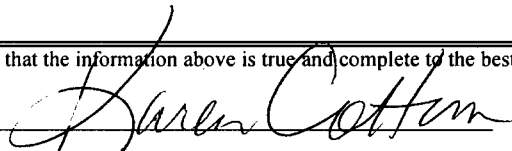
96763 – Shoe Bar Atoka North 0% Oil 10% Gas

96882 – Shoe Bar Morrow North 100% Oil 90% Gas

Current and previous wellbore schematics are attached along with the allocation method and supporting data

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

SIGNATURE



TITLE OPERATIONS TECHNICIAN

DATE January 30, 2004

TYPE OR PRINT NAME

Karen Cottom

TELEPHONE NO. (405) 235-3611

(This space for State use)

Approved by

Conditions of approval, if any:

TITLE

DATE

DISTRICT I
1625 N. French Dr., Doobie, NM 88240
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 87506

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 30-025-35378	Pool Code 96763	Pool Name SHOE BAR ATOKA NORTH GAS
Property Code 23309	Property Name PANTHER MARTIN	Well Number 2
OGRIID No. 169355	Operator Name DEVON LOUISIANA CORPORATION	Elevation 4009'

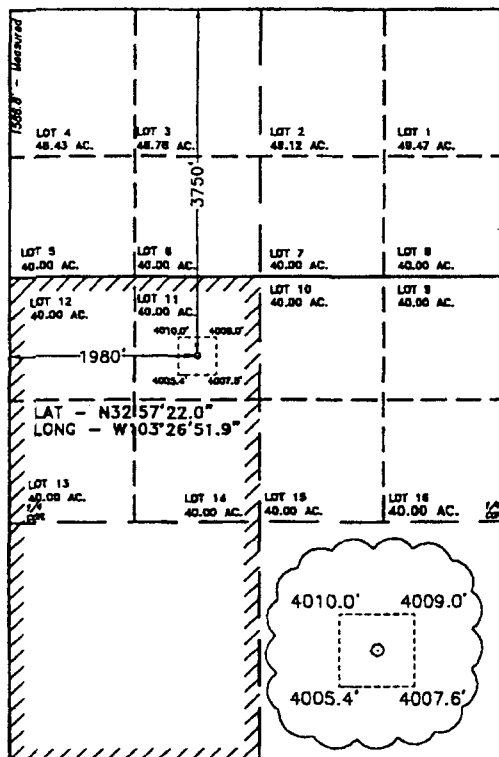
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
LOT 11	3	16 S	35 E		3750	NORTH	1980	WEST	LEA

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
Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No.						

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



2000 0 2000 4000 FEET
SCALE 1" = 2000'

OPERATOR CERTIFICATION

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

Karen Cottom
Signature
Karen Cottom
Printed Name
Sr. Operations Technician
Title
1/30/04
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.

November 30, 2000
Date Surveyed
Signature & Seal of
Professional Surveyor
W.Q. No. 0858A
Certificate No. 7977
BASIN SURVEYS

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
DISTRICT II
811 South First, Artesia, NM 88210
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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 30-025-35378	Pool Code 96882	Pool Name Shoe Bar, Morrow, North
Property Code 23309	Property Name PANTHER MARTIN	Well Number 2
OCRID No. 169355	Operator Name DEVON LOUISIANA CORPORATION	Elevation 4009'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
LOT 11	3	16 S	35 E		3750	NORTH	1980	WEST	LEA

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

Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No.
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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

<p>1586.8' - Measured</p> <p>LOT 4 - 48.43 AC. LOT 3 - 48.78 AC. LOT 2 - 49.12 AC. LOT 1 - 49.47 AC.</p> <p>LOT 5 - 40.00 AC. LOT 6 - 40.00 AC. LOT 7 - 40.00 AC. LOT 8 - 40.00 AC.</p> <p>LOT 12 - 40.00 AC. LOT 11 - 40.00 AC. LOT 10 - 40.00 AC. LOT 9 - 40.00 AC.</p> <p>LOT 13 - 40.00 AC. LOT 14 - 40.00 AC. LOT 15 - 40.00 AC. LOT 16 - 40.00 AC.</p> <p>LAT - N32°57'22.0" LONG - W103°26'51.9"</p> <p>4010.0' 4009.0' 1980' 4005.4' 4007.6'</p> <p>+ SW QTR.</p>				<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Karen Cottom</i> Signature Karen Cottom Printed Name Sr. Operations Technician Title 1/30/04 Date</p>	
				<p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>November 30, 2000 Date Surveyed Signature & Seal Professional Surveyor NEW MEXICO W.O. No. 06584 Certificate No. 6997 Expires 7977 BASIC PROFESSIONAL LAND SURVEYING</p>	



Devon Energy Corporation
20 North Broadway
Oklahoma City, Oklahoma 73102-8260

Richard Winchester
Land Advisor

Phone: (405) 228-4415
Fax: (405) 552-8113

December 11, 2003

New Mexico Oil Conservation Division
Santa Fe, New Mexico

**Re: Application to Commingle
Panther Martin #2 Well
API #30-253-110201
Lea County, New Mexico**

Gentlemen:

Reference is made to Devon's application to commingle natural gas production in the Panther Martin #2 from the Morrow and Atoka formations. Please be advised that working interest and royalty interest ownership is identical in these formations.

Sincerely,

A handwritten signature in black ink, appearing to read "Richard C. Winchester".

Richard C. Winchester
Land Advisor

DEVON ENERGY PRODUCTION CO. L.P.				DEVON ENERGY PRODUCTION CO. L.P.			
PANTHER MARTIN #2				PANTHER MARTIN #2			
MORROW SAND PRODUCITON				ATOKA SAND PRODUCTION			
DATE	OIL BPD	GAS MCFD	WATER BPD	DATE	OIL BPD	GAS MCFD	WATER BPD
1/1/2003	3	257	1	12/1/2003	0	26	0
1/2/2003	3	240	1	12/2/2003	0	25	0
1/3/2003	3	228	0	12/3/2003	0	25	0
1/4/2003	0	210	0	12/4/2003	0	24	0
1/5/2003	0	0	0	12/5/2003	0	22	0
1/6/2003	0	202	0	12/6/2003	0	19	0
1/7/2003	8	253	2	12/7/2003	0	24	0
1/8/2003	0	267	0	12/8/2003	0	24	0
1/9/2003	0	258	0	12/9/2003	0	24	0
1/10/2003	0	250	0	12/10/2003	0	18	0
1/11/2003	6	236	0	12/11/2003	0	25	0
1/12/2003	0	243	0	12/12/2003	0	21	0
1/13/2003	0	242	0	12/13/2003	0	20	0
1/14/2003	0	242	0	12/14/2003	0	24	0
1/15/2003	0	212	3	12/15/2003	0	24	0
1/16/2003	0	199	0	12/16/2003	0	23	0
1/17/2003	0	197	0	12/17/2003	0	21	0
1/18/2003	0	178	0	12/18/2003	0	24	0
1/19/2003	0	217	0	12/19/2003	0	23	0
1/20/2003	0	203	0	12/20/2003	0	23	0
1/21/2003	0	196	0	12/21/2003	0	23	0
1/22/2003	0	204	0	12/22/2003	0	23	0
1/23/2003	0	34	0	12/23/2003	0	23	0
1/24/2003	0	32	0	12/24/2003	0	23	0
1/25/2003	6	141	2	12/25/2003	0	22	0
1/26/2003	0	262	0	12/26/2003	0	22	0
1/27/2003	0	227	0	12/27/2003	0	8	0
1/28/2003	17	212	3	12/28/2003	0	11	0
1/29/2003	0	225	0	12/29/2003	0	22	0
1/30/2003	4	219	0	12/30/2003	0	24	0
1/31/2003	3	210	1	12/31/2003	0	24	0
2/1/2003	0	203	0	1/1/2004	0	23	0
2/2/2003	0	212	0	1/2/2004	0	23	0
2/3/2003	0	211	0	1/3/2004	0	23	0
2/4/2003	0	210	0	1/4/2004	0	22	0
2/5/2003	14	208	4	1/5/2004	0	15	0
2/6/2003	0	205	0	1/6/2004	0	9	0
2/7/2003	0	59	0	1/7/2004	0	14	0
2/8/2003	6	102	3	1/8/2004	0	25	0
2/9/2003	0	222	0	1/9/2004	0	24	0
2/10/2003	0	134	0	1/10/2004	0	23	0
2/11/2003	0	225	0	1/11/2004	0	23	0
2/12/2003	6	207	0				
2/13/2003	0	215	0				
2/14/2003	8	199	5				
2/15/2003	3	203	1				
2/16/2003	6	211	0				
2/17/2003	3	201	0				
2/18/2003	8	205	0				
2/19/2003	6	204	3				
2/20/2003	3	202	0				
2/21/2003	3	192	0				
2/22/2003	3	195	0				
2/23/2003	3	187	0				
2/24/2003	0	14	0				
2/25/2003	0	0	0				
2/26/2003	0	14	0				
2/27/2003	3	90	3				
2/28/2003	0	266	0				
3/1/2003	3	242	0				
3/2/2003	0	224	0				
	OIL BPD	GAS MCFD	WATER BPD				
Average Morrow	2	189	1				
Average Atoka	0	22	0				
Combined	2	211	1				
Morrow -%	100%	90%	100%				
Atoka-%	0%	10%	0%				
	100%	100%	100%				

Field Name: Shoe Bar North
Operator: Ocean Energy, Inc.
Location: Lea County, NM
Sec 3, Twn 16S, Rng 35E

WELL: Panther Martin No. 2
API #: 30-025-35378

CURRENT

PROPOSED ☒

Elevation
4026' RKB
17' KB-Elev

Spud Date: Feb 4, 2001

13-3/8", 48#, H40, STC @ 497'

17-1/2" hole
Cemented w/ 545 sks. Cmt to surface

8-5/8", 32#, K55, @ 4825'

11" hole size
Cmt'd w/ 1555 sks lead, 200 sks tail
Cmt to surface

TOC @ 5950' RKB (CBL-3/26/01)

2-3/8", 8RD, EUE, L80 tbg

Atoka Sand Perfed 3/9/03

11850' - 11860', Y block TCP, 6 spf
3/15/03: Acid job w/ N2
3/18/03: BHP BU
4/13/03: 66 mcf, 0 bod, 0 bwd, 50# ftp

Blast Joints across Atoka Sand

Sliding sleeve below blast joints
(Open to communicate Atoka & Morrow)

On / off tool w/ 1.875" "F" profile @ 12070'

5-1/2" Arrowset Packer @ 12072

Mechanical Tbg release @ 12112'

Morrow Sand: Cmpl 3/29/01

12,152' - 12,156'

12,178' - 12,182'

12,184' - 12,188'

TCP gun, 6 spf

Cmpl report notes Morrow sand fraced
w/ binary foam w/ 14,500 lbs.

4/21/01: BHP BU

5/26/01: 1700 Mcfd, 25 bod, 10 bwd, 600# ftp, 40/64"

TCP guns 12500' WLM

PBTD @ 12545' MD

5-1/2", 17#, P110 & L80 @ 12670'

7-7/8" hole

Cmt'd w/ 625 sks lead + 860 sks tail

TD @ 12,670'

R. Slack 12/4/03

Field Name: **Shoe Bar North**
Operator: **Ocean Energy, Inc.**
Location: **Lea County, NM**
Sec 3, Twn 16S, Rng 35E

WELL: **Panther Martin No. 2**
API #: **30-025-35378**

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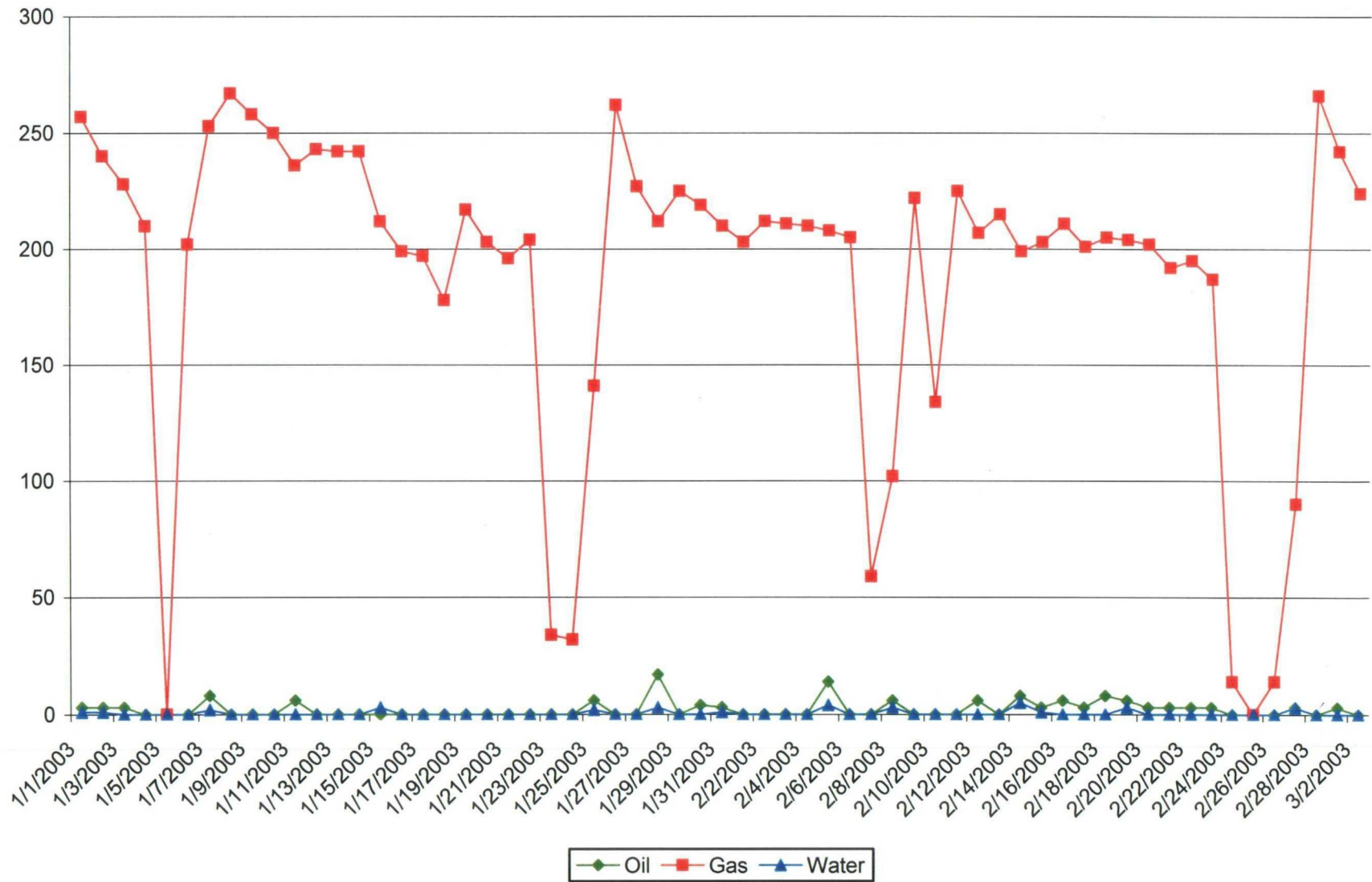
TCP guns 12500' WLM

PBTD @ 12545' MD

TD @ 12,670'

R. Slack 12/4/03

Morrow Sand Production



Atoka Sand Production

