

| | | | | |
|-----------------|----------------|-----------------|-------------|---------|
| DATE 1/24/02 | ENGINEER MS | LOGGED IN MS | TYPE ASD | APP NO. |
|-----------------|----------------|-----------------|-------------|---------|

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
- Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

- [A] Location - Spacing Unit - Simultaneous Dedication
☒ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

- [B] Commingling - Storage - Measurement
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

- [D] Other: Specify _____

[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or Does Not Apply

- [A] ☐ Working, Royalty or Overriding Royalty Interest Owners
- [B] ☒ Offset Operators, Leaseholders or Surface Owner
- [C] ☐ Application is One Which Requires Published Legal Notice
- [D] ☐ Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F] ☐ Waivers are Attached

[3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[4] CERTIFICATION: I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

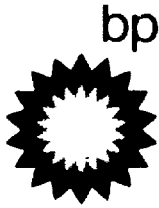
Mary Corley
 Print or Type Name

Mary Corley
 Signature

Sr. Regulatory Analyst
 Title

01/24/2002
 Date

corleym@bp.com
 e-mail Address



San Juan Business Unit

Mary Corley
corleym@bp.com
WL1-19.171
281-366-4491 (direct)
281-366-0700 (FAX)

P. O. Box 3092
Houston, Texas 77253-3092
501 Westlake Park Boulevard
Houston, Texas 77079

January 24, 2002

New Mexico Oil Conservation Division
1220 South St. Francis Drive
P.O. Box 6429
Santa Fe, New Mexico

Attention: Michael Stogner

Unorthodox Basin Dakota Well Location
Florance 2M
2355 FNL 1785 FEL, Section 20 T30N R9W

BP America Production Company (formerly Amoco Production Company) hereby requests administrative approval for an unorthodox location for the referenced proposed well due to geologic reasons.

BP America wants to drill the Florance 2M well to the Mesaverde and Dakota formations at the above location, which is non-standard for the Dakota formation only. This well will be the third Mesaverde and third Dakota well in the respective GPU's. In the Dakota, this well will replace the Florance 2, which was plugged and abandoned in 1980.

Attachments 1 shows the surface topography and locations of the existing Dakota wells in the 9-section area centered on Section 20. Attachments 2 and 3 respectively show the well's proposed location at the Mesaverde and Dakota horizons in relation to existing active and inactive wells and the defined drilling windows.

Based on our estimates of well productivity and reserves for a Dakota well in this GPU, we believe the Dakota can only be economically developed by deepening a Mesaverde infill well. Our plan for the Florance 2M is to drill and complete it as a commingled Mesaverde/Dakota producer. The well's proposed bottomhole location is based on optimal placement in the Dakota and Mesaverde, taking into reservoir drainage patterns in both horizons.

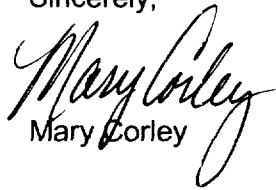
Attachment 4 shows our estimated drainage pattern for the Mesaverde reservoir. Locating the proposed well within the defined limits for a standard Dakota well location (per Order No. R-10987-B), would place it within the drainage ellipse of the Florance 2.

The new well would suffer excessive interference with the Florance 2 and would therefore be uneconomic to drill.

Attachment 5 shows our estimated drainage pattern for the Dakota reservoir. The proposed well is located outside the estimated drainage areas of the surrounding Dakota producers. The location does not encroach on the outer boundaries of the Dakota GPU and does not impact correlative rights with royalty and working interest owners in the adjacent GPU's.

BP America respectfully requests that a non-standard location for the Basin Dakota Pool be issued for the referenced well for the reasons cited above. If there are any questions concerning this application, please call me at (281) 366-4491 (email: corleym1@bp.com) or Bill Hawkins at (303) 830-3259. Geological/reservoir questions may be directed to Bob Moore at (281) 366-5818, and land questions to Steve Reinert (281) 366-5852.

Sincerely,



Mary Corley

CC: Burlington Resources Inc.
400 N. Sam Houston Parkway. East Ste. 1200
Houston, Texas 77060

18 17 16

RIDDLE COM 8
300452490300

FLORANCE 002
3004520347200

FLORANCE #2M

19 20 21

LIVELY 30
MANSFIELD 001
300452194900
300450921000

FLORANCE 2E
300452016500

6100.0

8200.0

82065

29 28 30

MANSFIELD COM 4E
300452584200

LINDSEY B 1E
300452596900

LINDSEY B 1
30045234200

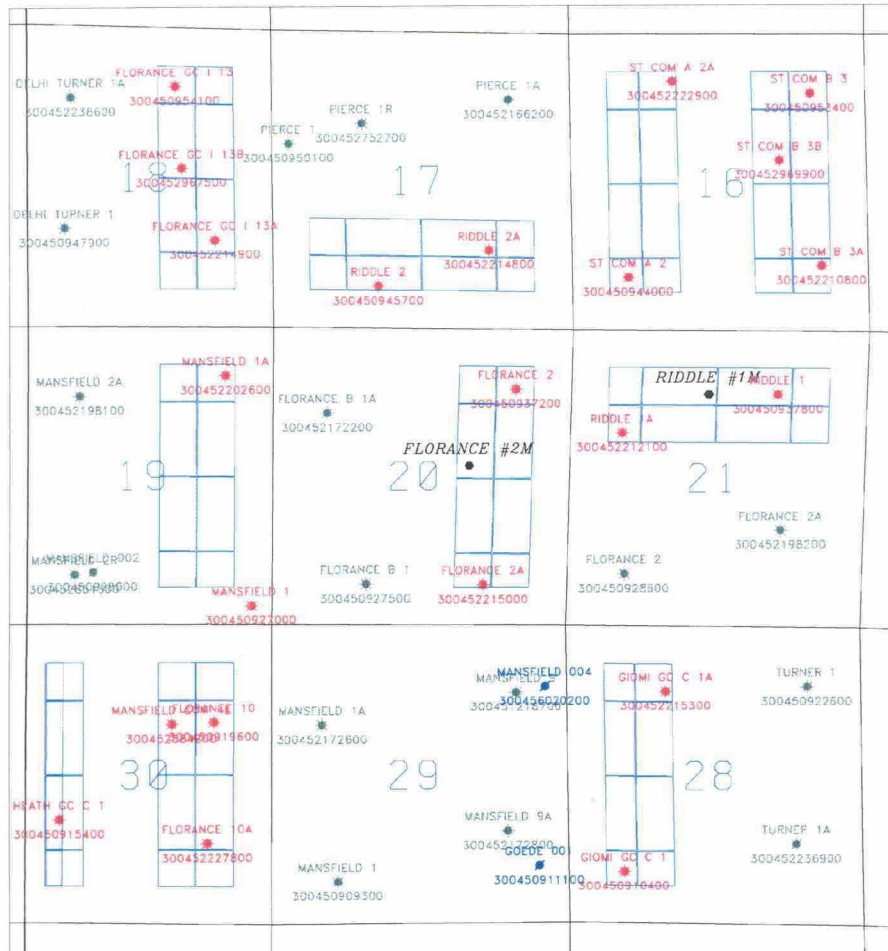
MANSFIELD 1
300452069200

FED 28 1
300452513900

| | | |
|---------|---------------------|------------------|
| SCALE | DRAWN C. E. SACKETT | DATE 02-JAN-2002 |
| DRAWING | | |

09/04/2007

Attachment 2: Mesaverde 9-Section Plat



WELL SYMBOL LEGEND

- Active Well
- Inactive Prior Year

COLOR LEGEND

- Amoco/Walstar Operated
- Burlington Operated
- Conoco Operated
- Other Co. Operated

Special Well Legend

- 2000 Program MV Location
- Planned 2001 Location
- Staked 2001 Location

Amoco Production Company
Houston, Texas

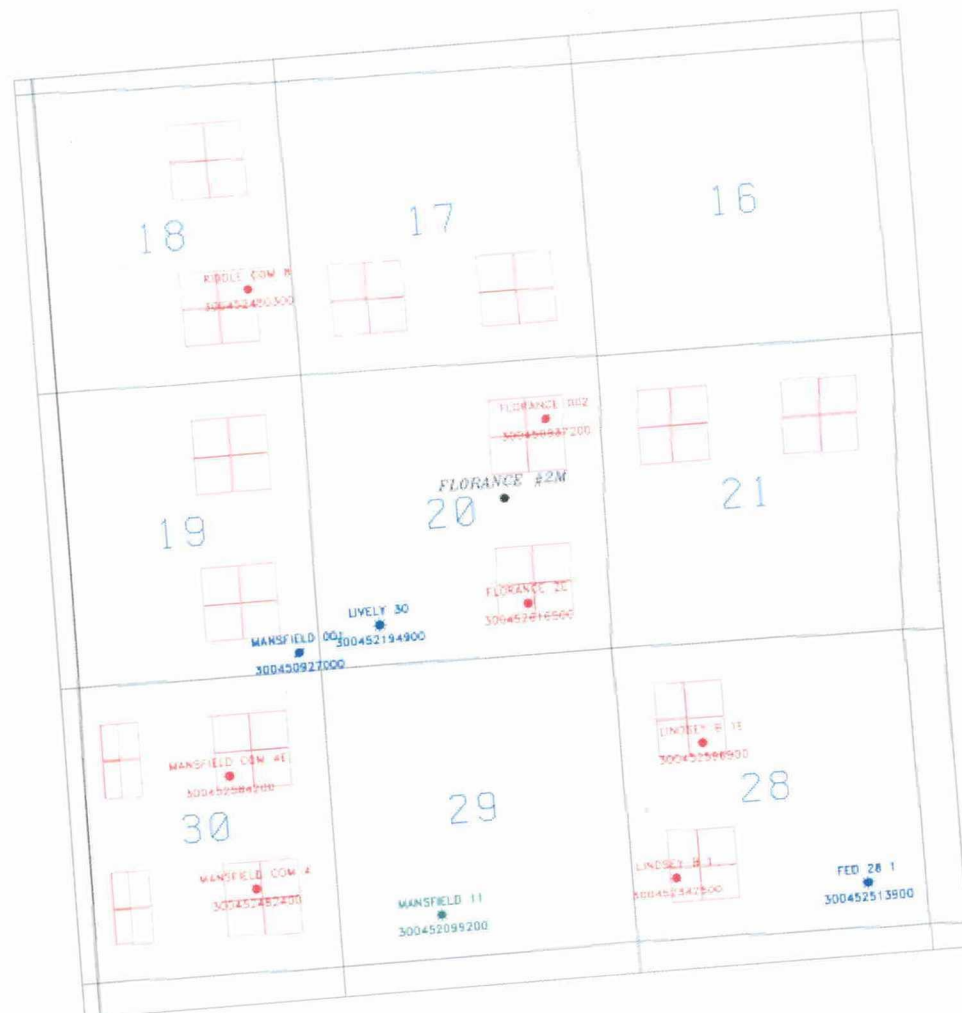
San Juan Basin

30N 9W Sec. 20 - Mesaverde Wells

Florance 2M

| | | |
|---------|---------------------|------------------|
| SCALE | DRAWN C. E. SPCKETT | DATE 22-OCT-2001 |
| DRAWING | | |

Attachment 3: Dakota 9-Section Plat

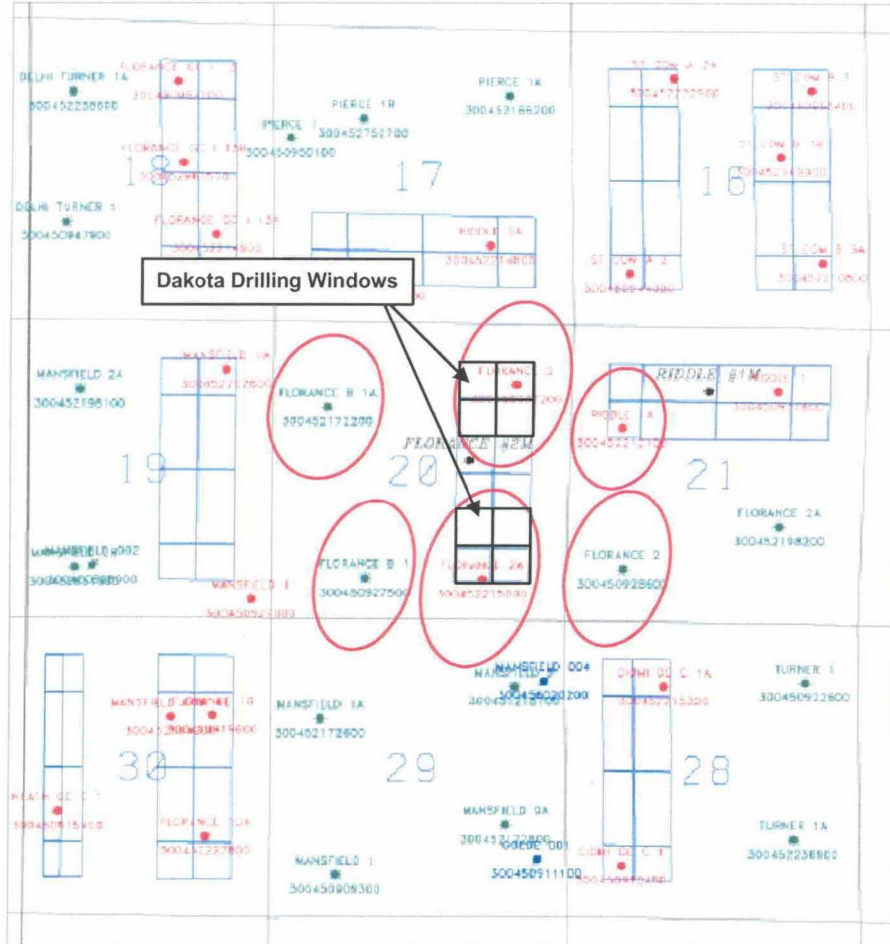


WELL SYMBOL LEGEND

- Active Well
- Inactive Prior Year
- CRAB (LEGEND)
- (Symbol/Location)
- Burlington Operated
- Conoco Operated
- Other Co. Operated
- Special Well Legend
- (Symbol/Location)
- Planned 2001 Location
- Status 2001 Location

| | |
|--|--------------------|
| Amoco Production Company Houston, Texas | |
| San Juan Basin | |
| 30N 9W Sec. 20 - Dakota Wells | |
| Florance 2M | |
| DATE | DATE C. E. SACKETT |
| REVISED | DATE 22-JAN-2007 |

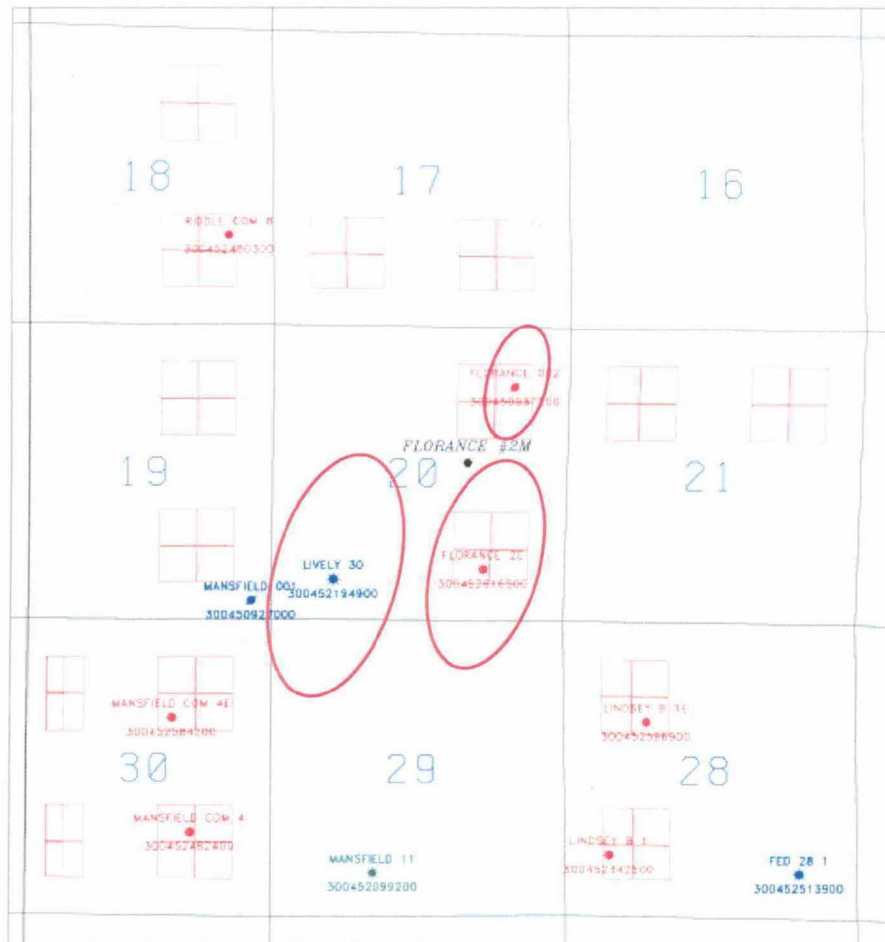
Attachment 4: Mesaverde Drainage Pattern



The ellipses depict the areas that are being efficiently drained by the existing Blanco Mesaverde wells, based on a 3D reservoir simulation of the area of interest. The reservoir simulator honors the generally accepted NNE-SSW natural fracture pattern in the Basin that results in elliptical drainage areas (Harstad, Teufel, and Lorenz).

Also shown are the boundaries of the well location requirements for a standard Basin Dakota well in the east half of Section 20, per Order # R-10987-B. If the proposed well were drilled to a standard Dakota location in the NE/4 of Section 20, it would be located within the drainage ellipse of the Florance 2 in the Mesaverde and would result in excessive interference with this well.

Attachment 5: Dakota Drainage Pattern



The ellipses depict the areas that are being drained by the existing Basin Dakota wells, based on their estimated ultimate recovery from decline curve analysis. The orientation of drainage ellipses honors the NNE-SSW natural fracture pattern of the San Juan Basin. The proposed well location is outside the drainage areas of the other Dakota producers in Section 20.

The Dakota interval in the Florance 2, located in the same quarter section as the proposed well, was permanently abandoned in 1980.

| | | | | | |
|-----------------|-------------------|----------------|-----------------|-------------|----------------------|
| DATE 1/24/02 | PERMIT 2/12/02 | ENGINEER MS | LOGGED IN KW | TYPE NSL | APP NO. 202552340 |
|-----------------|-------------------|----------------|-----------------|-------------|----------------------|

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

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[WFX-Waterflood Expansion] **[PMX-Pressure Maintenance Expansion]**
[SWD-Salt Water Disposal] **[IPI-Injection Pressure Increase]**
[EOR-Qualified Enhanced Oil Recovery Certification] **[PPR-Positive Production Response]**

[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

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☒ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

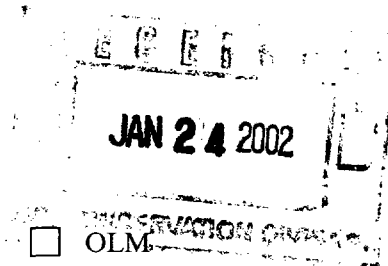
[B] Commingling - Storage - Measurement

- ☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery

- ☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[D] Other: Specify _____



[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or Does Not Apply

- [A] ☐ Working, Royalty or Overriding Royalty Interest Owners
 [B] ☒ Offset Operators, Leaseholders or Surface Owner
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 [D] ☐ Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
 [E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,
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Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Mary Corley

Print or Type Name

Signature

Sr. Regulatory Analyst

Title

01/24/2002

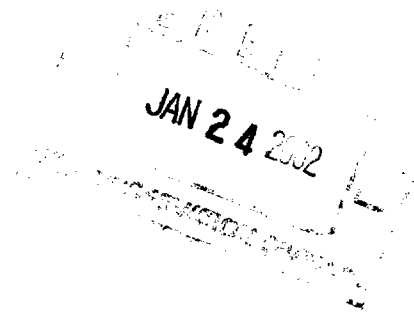
Date

corleym1@bp.com

e-mail Address

Stogner, Michael

From: Corley, Mary L [corleym@bp.com]
Sent: Thursday, January 24, 2002 10:27 AM
To: Michael 'Stogner' (E-mail)
Cc: Steven Hayden (E-mail)
Subject: NSL Application - Florance 2M



Administrative
Checklist.doc



NSL Cover
Letter.doc



NSL
Documentation.ppt

Michael,

I offer for your consideration an application for a Non-Standard well location for our Florance 2M well. In support of our request please find the appropriate documentation attached:

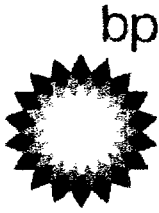
- Administrative Checklist
- Application Cover Letter
- Documents to support NSL request

Should you have any questions concerning this matter please do not hesitate to ask.

Thank you,

<<Administrative Checklist.doc>> <<NSL Cover Letter.doc>> <<NSL Documentation.ppt>>

Mary Corley
Senior Regulatory Analyst
San Juan Performance Unit
281-366-4491



San Juan Business Unit

Mary Corley
corleym1@bp.com
WL1-19.171
281-366-4491 (direct)
281-366-0700 (FAX)

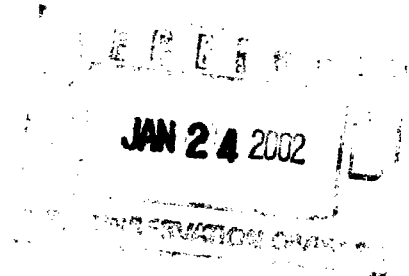
P. O. Box 3092
Houston, Texas 77253-3092
501 Westlake Park Boulevard
Houston, Texas 77079

January 24, 2002

New Mexico Oil Conservation Division
1220 South St. Francis Drive
P.O. Box 6429
Santa Fe, New Mexico

Attention: Michael Stogner

E/z



Unorthodox Basin Dakota Well Location
Florance 2M
2355 FNL 1785 FEL, Section 20 T30N R9W

(30-045-30624)

BP America Production Company (formerly Amoco Production Company) hereby requests administrative approval for an unorthodox location for the referenced proposed well due to geologic reasons.

BP America wants to drill the Florance 2M well to the Mesaverde and Dakota formations at the above location, which is non-standard for the Dakota formation only. This well will be the third Mesaverde and third Dakota well in the respective GPU's. In the Dakota, this well will replace the Florance 2, which was plugged and abandoned in 1980.

Attachments 1 shows the surface topography and locations of the existing Dakota wells in the 9-section area centered on Section 20. Attachments 2 and 3 respectively show the well's proposed location at the Mesaverde and Dakota horizons in relation to existing active and inactive wells and the defined drilling windows.

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Attachment 4 shows our estimated drainage pattern for the Mesaverde reservoir. Locating the proposed well within the defined limits for a standard Dakota well location (per Order No. R-10987-B), would place it within the drainage ellipse of the Florance 2.

The new well would suffer excessive interference with the Florance 2 and would therefore be uneconomic to drill.

Attachment 5 shows our estimated drainage pattern for the Dakota reservoir. The proposed well is located outside the estimated drainage areas of the surrounding Dakota producers. The location does not encroach on the outer boundaries of the Dakota GPU and does not impact correlative rights with royalty and working interest owners in the adjacent GPU's.

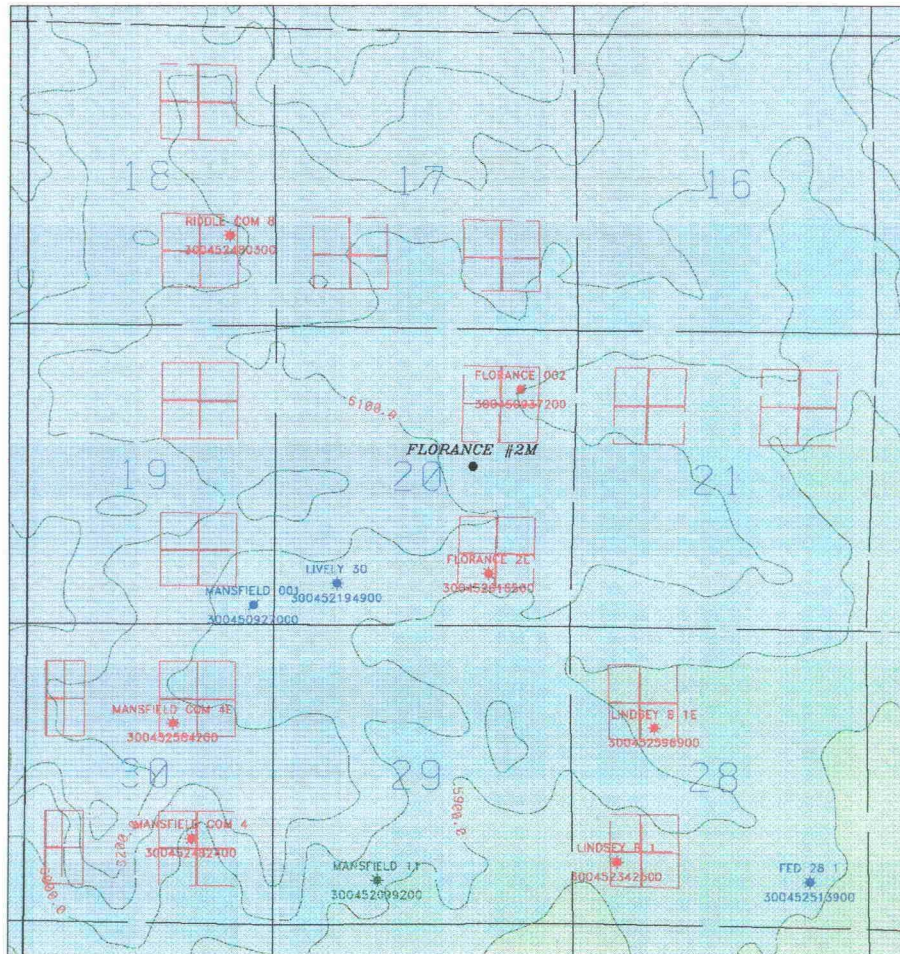
BP America respectfully requests that a non-standard location for the Basin Dakota Pool be issued for the referenced well for the reasons cited above. If there are any questions concerning this application, please call me at (281) 366-4491 (email: corleym1@bp.com) or Bill Hawkins at (303) 830-3259. Geological/reservoir questions may be directed to Bob Moore at (281) 366-5818, and land questions to Steve Reinert (281) 366-5852.

Sincerely,

Mary Corley

CC: Burlington Resources Inc.
400 N. Sam Houston Parkway. East Ste. 1200
Houston, Texas 77060

Attachment 1: Surface Topography



WELL SYMBOL LEGEND

- * Active Well
- Inactive Prior Year
- COLOR LEGEND**
- Amoco/Vastar Operated
- Burlington Operated
- Conoco Operated
- Other Co. Operated
- Special Well Legend**
- 2000 Program MY Location
- Planned 2001 Location
- Staked 2001 Location

Amoco Production Company
Houston, Texas

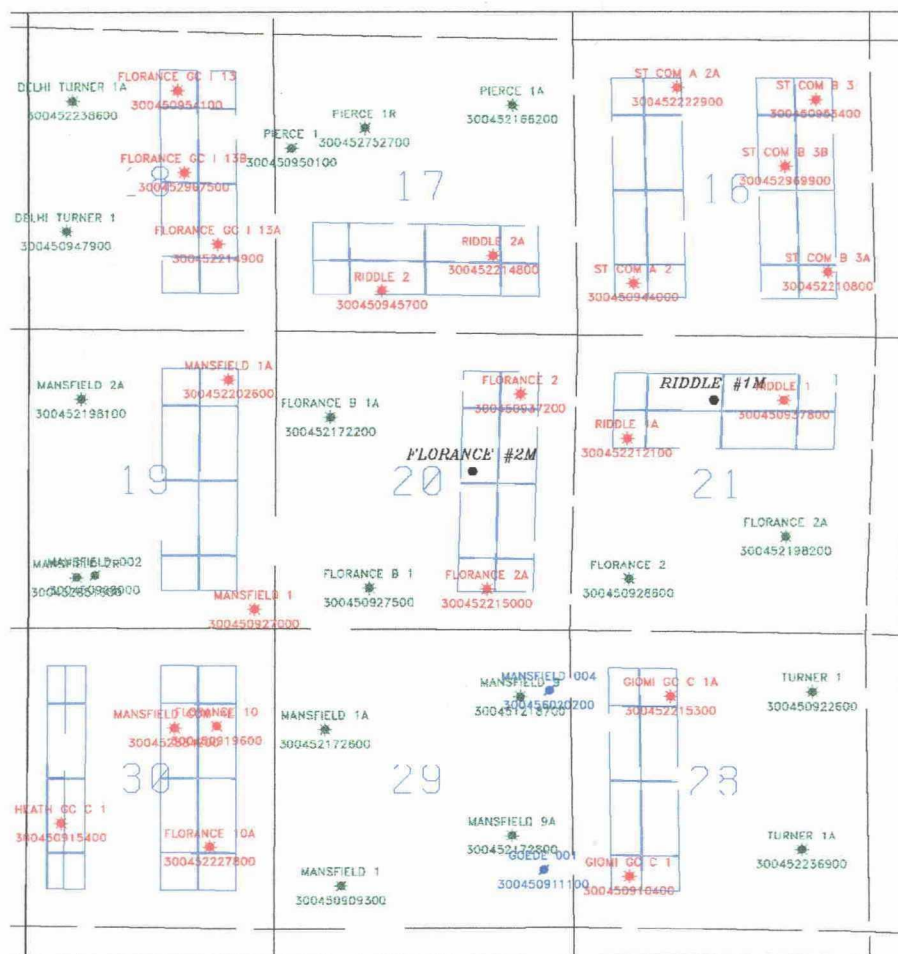
San Juan Basin

30N 9W Sec. 20 – Dakota Wells

Florance 2M

| | | |
|-----------|---------------------|------------------|
| SCALE | DRAWN C. E. SACKETT | DATE 02-JAN-2002 |
| EXPLANING | | |

Attachment 2: Mesaverde 9-Section Plat



WELL SYMBOL LEGEND

- ★ Active Well
- Inactive Prior Year

COLOR LEGEND

- Amoco/Vastar Operated
- Burlington Operated
- Conoco Operated
- Other Co. Operated

Special Well Legend

- 2000 Program NY Location
- ◆ Potential 2001 Location
- Staked 2001 Location

Amoco Production Company
Houston, Texas

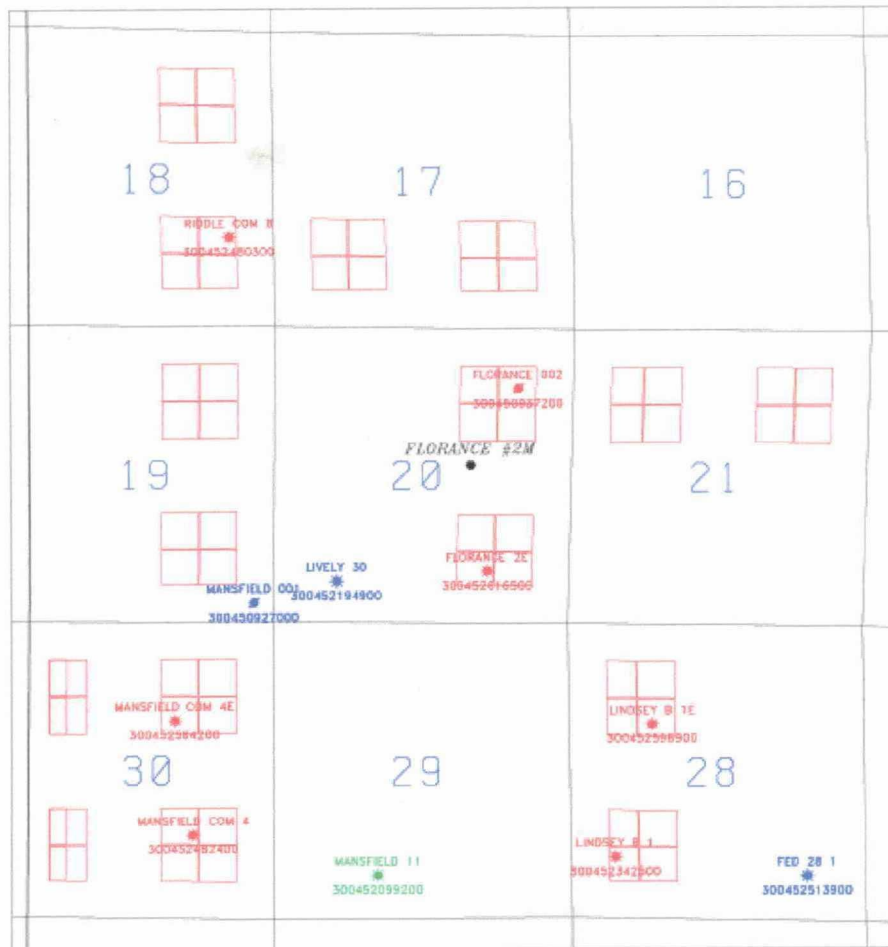
San Juan Basin

30N 9W Sec. 20 - Mesaverde Wells

Florance 2M

| | | |
|---------|-------------------|------------------|
| SCALE | DRAWN C. D. GREGG | DATE 22-OCT-2001 |
| DRP/100 | | |

Attachment 3: Dakota 9-Section Plat



WELL SYMBOL LEGEND

- Active Well
- Inactive Prior Year
- COLOR LEGEND**
- Amoco/Worster Operated
- Burlington Operated
- Conoco Operated
- Other Co. Operated
- Special Well Legend**
- ◆ 2000 Program #1 Location
- ◆ Planned 2001 Location
- Staked 2001 Location

Amoco Production Company
Houston, Texas

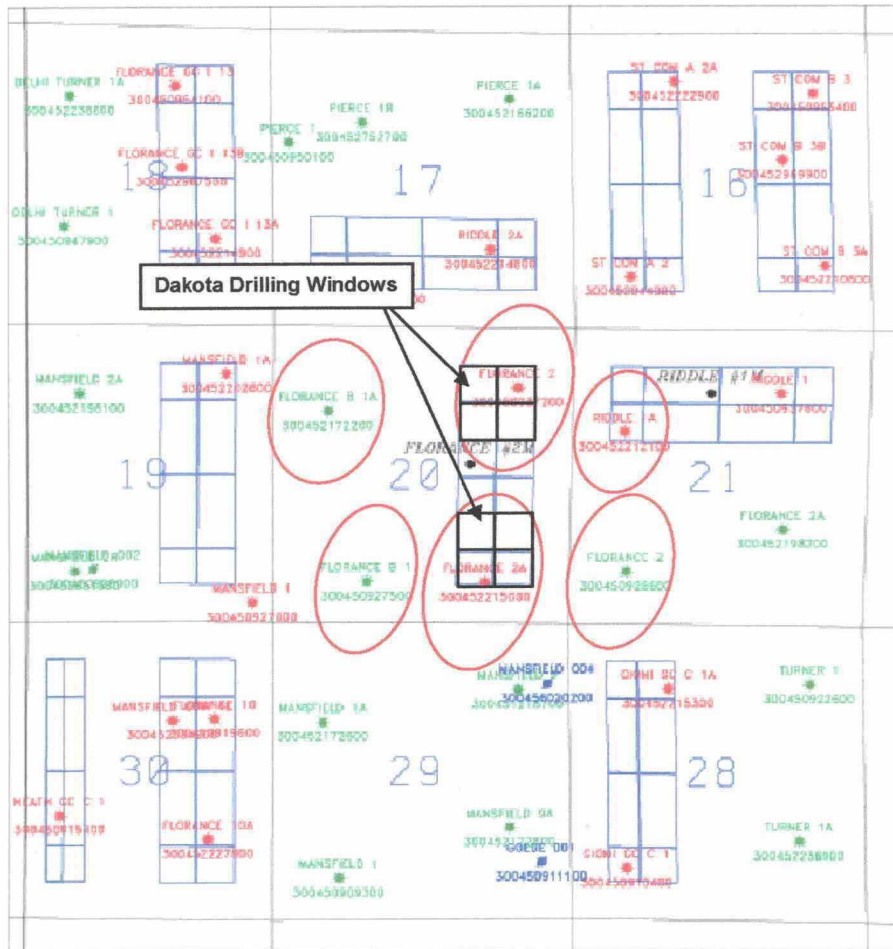
San Juan Basin

30N 9W Sec. 20 - Dakota Wells

Florance 2M

| | | |
|---------|--------------------|-----------------|
| SCALE | 2000 C. E. SACRETT | WFO 22-JFN-2002 |
| 100000' | | |

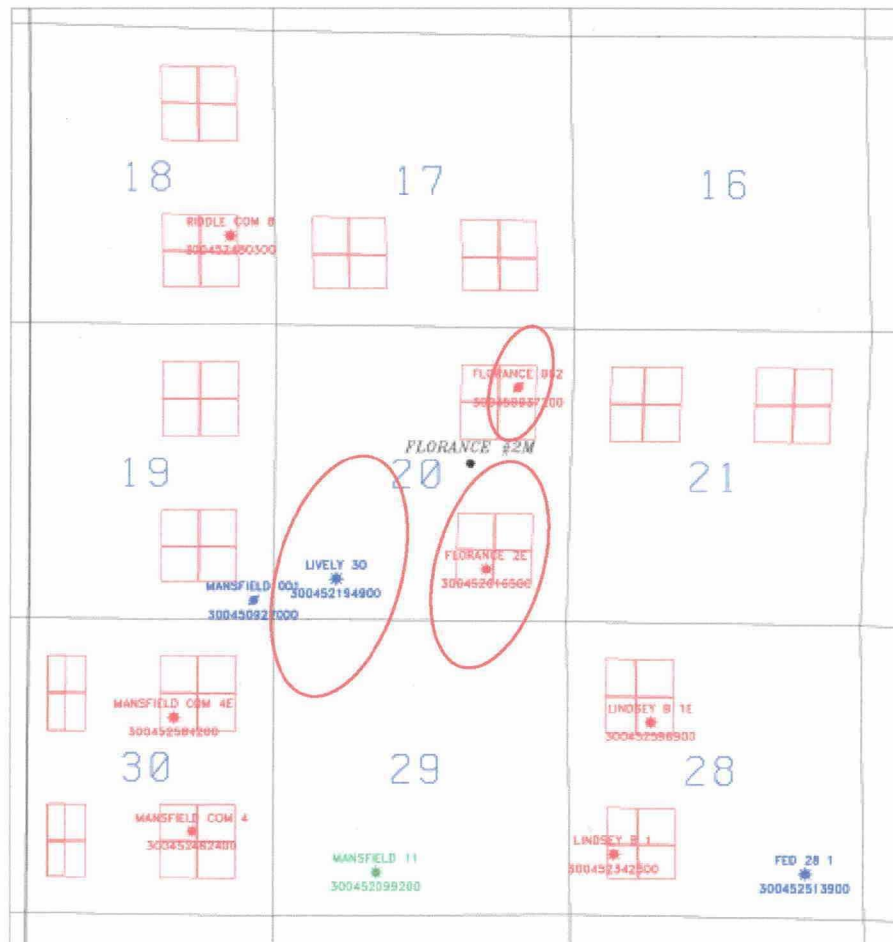
Attachment 4: Mesaverde Drainage Pattern



The ellipses depict the areas that are being efficiently drained by the existing Blanco Mesaverde wells, based on a 3D reservoir simulation of the area of interest. The reservoir simulator honors the generally accepted NNE-SSW natural fracture pattern in the Basin that results in elliptical drainage areas (Harstad, Teufel, and Lorenz).

Also shown are the boundaries of the well location requirements for a standard Basin Dakota well in the east half of Section 20, per Order # R-10987-B. If the proposed well were drilled to a standard Dakota location in the NE/4 of Section 20, it would be located within the drainage ellipse of the Florance 2 in the Mesaverde and would result in excessive interference with this well.

Attachment 5: Dakota Drainage Pattern



The ellipses depict the areas that are being drained by the existing Basin Dakota wells, based on their estimated ultimate recovery from decline curve analysis. The orientation of drainage ellipses honors the NNE-SSW natural fracture pattern of the San Juan Basin. The proposed well location is outside the drainage areas of the other Dakota producers in Section 20.

The Dakota interval in the Florance 2, located in the same quarter section as the proposed well, was permanently abandoned in 1980.



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Jennifer A. Salisbury
Cabinet Secretary

May 2, 2001

Lori Wrotenbery
Director
Oil Conservation Division

Amoco Production Company
San Juan Business Unit
501 West Lake Park Boulevard
Houston, Texas 77079-3092

Attention: Mary Corley

Re: Administrative application of Amoco Production Company for an exception to the well location requirements provided within the "*Special Rules and Regulations for the Basin-Dakota Pool*," as promulgated by Division Order No. R-10987, as amended, by Division Orders No. R-10987-B and R-10987-B (1), for the Florance Well No. 2-M to be drilled at an unorthodox gas well location 2355 feet from the North line and 1785 feet from the East line (Unit G) of Section 20, Township 30 North, Range 9 West, NMPM, San Juan County, New Mexico, as a replacement well for the initial Dakota well within an existing 320-acre stand-up gas spacing and proration unit comprising the E/2 of Section 20.

Dear Ms. Corley:

I, along with the Division's Aztec district office, have reviewed the subject application and the records of the New Mexico Oil Conservation Division ("Division") concerning this matter, please be advised that:

- (1) with the inception of Division Order No. R-10987-B, issued in Case No. 12290 and dated June 30, 2000, as amended by Division Order No. R-10987-B (1), dated August 10, 2000, most operators have been given an additional 28.10 acres on the surface within a single quarter section to locate Dakota gas wells at a location considered to be standard;
- (2) in instances where a single wellbore is to be utilized in more than one producing horizon, the operator is expected to drill that well at a location considered to be standard for all intended zones and not just one of the intended formations with the expectation that this is reason enough for approval;
- (3) the reason for locating this infill well is neither based on topography or geology and therefore does not qualify for administrative approval; and.
- (4) from the information provided, there appear to be areas within the 120 acres comprising the W/2 NE/4 and SW/4 NE/4 of Section 20 that this well can be drilled that satisfy the minimum setback requirements for a dually completed replacement Dakota/second infill Mesaverde gas well.

Amoco Production Company

May 2, 2001

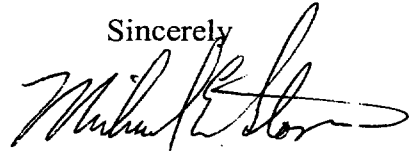
Page 2

This application is hereby **denied** and is being returned to you at this time.

As a reminder our pool rules are serious matters for the purpose of orderly development of New Mexico's valuable oil and gas resources. It is very easy to get into a mode of thinking that considers these rules as minor inconveniences and applications for exceptions as "open and shut" issues. Since the primary objective of the recent amendments to all location requirements in the San Juan Basin (see Division Rule 104 and Division Orders No. R-10987-A and R-8768-B) were to grant operators increased flexibility in locating wells and to decrease the number of applications for unorthodox locations, all future location exceptions will require substantial justification, *i.e.*, unusual circumstances.

Thank you for your understanding, cooperation, and continued support in making this newly improved portion of New Mexico's conservation rules a meaningful success.

Sincerely



Michael E. Stogner
Chief Hearing Officer/Engineer

cc: New Mexico Oil Conservation Division – Aztec
U. S. Bureau of Land Management - Farmington
Ms. Lori Wrotenbery, Director - NMOCD, Santa Fe
Kathy Valdes, NMOCD – Santa Fe
William F. Carr, Legal Counsel for Amoco Production Company - Santa Fe

Stogner, Michael

From: Hayden, Steven
Sent: Monday, April 16, 2001 10:18 AM
To: Stogner, Michael
Subject: bp nsls

Mike, I got four BP NSL apps in Friday:

Florance #2M
Florance #30M
Mudge LS #24M
Riddle #1M

None of these give any specific information that I can see. They all have the general statement about the Mesaverde being at fault for the NSL due to optimal drainage considerations. I would at least like to see some geology to back up this statement.

Steve Hayden

CMD :
OG5SECTONGARD
INQUIRE LAND BY SECTION05/02/01 07:29:32
OGOMES -TPJ2
PAGE NO: 1

Sec : 20 Twp : 30N Rng : 09W Section Type : NORMAL

| | | | |
|---------------|---------------|---------------|---------------|
| D 40.00 | C 40.00 | B 40.00 | A 40.00 |
| Federal owned | Federal owned | Federal owned | Federal owned |
| | A A | A | A |
| E 40.00 | F 40.00 | G 40.00 | H 40.00 |
| Federal owned | Federal owned | Federal owned | Federal owned |
| A | A | | |

PF01 HELP
PF07 BKWDPF02
PF08 FWDPF03 EXIT
PF09 PRINTPF04 GoTo
PF10 SDIVPF05
PF11PF06
PF12

CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

05/02/01 07:29:36
OGOMES -TPJ2
PAGE NO: 2

Sec : 20 Twp : 30N Rng : 09W Section Type : NORMAL

| | | | |
|---------------|---------------|---------------|---------------|
| L 40.00 | K 40.00 | J 40.00 | I 40.00 |
| Federal owned | Federal owned | Federal owned | Federal owned |
| | | | A |
| M 40.00 | N 40.00 | O 40.00 | P 40.00 |
| Federal owned | Federal owned | Federal owned | Federal owned |
| A | A | A A | |

PF01 HELP
PF07 BKWD

PF02
PF08 FWD

PF03 EXIT
PF09 PRINT

PF04 GoTo
PF10 SDIV

PF05
PF11

PF06
PF12

CMD :
OG6IWCM

ONGARD
INQUIRE WELL COMPLETIONS

05/02/01 07:29:59
OGOMES -TPJ2

API Well No : 30 45 9372 Eff Date : 01-01-1900 WC Status : A
Pool Idn : 71599 BASIN DAKOTA (PRORATED GAS)
OGRID Idn : 778 AMOCO PRODUCTION CO
Prop Idn : 518 FLORANCE

Well No : 002
GL Elevation: 5980

| | U/L | Sec | Township | Range | North/South | East/West | Prop/Act (P/A) |
|---------------|-----|-----|----------|-------|-------------|-------------|----------------|
| | --- | --- | ----- | ----- | ----- | ----- | ----- |
| B.H. Locn : A | 20 | 30N | 09W | FTG | 990 F N | FTG 990 F E | P |

Lot Identifier:
Dedicated Acre: 320.00
Lease Type : F
Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

M0025: Enter PF keys to scroll

| | | | | | |
|-----------|------|-----------|--------------|--------------|-------------|
| PF01 HELP | PF02 | PF03 EXIT | PF04 GoTo | PF05 | PF06 |
| PF07 | PF08 | PF09 | PF10 NEXT-WC | PF11 HISTORY | PF12 NXTREC |

CMD :
OG6IWCM

ONGARD
INQUIRE WELL COMPLETIONS

05/02/01 07:30:07
OGOMES -TPJ2

API Well No : 30 45 9372 Eff Date : 01-01-1900 WC Status : A
Pool Idn : 72319 BLANCO-MESAVERDE (PRORATED GAS)
OGRID Idn : 778 AMOCO PRODUCTION CO
Prop Idn : 518 FLORANCE

Well No : 002
GL Elevation: 5980

| | U/L | Sec | Township | Range | North/South | East/West | Prop/Act (P/A) |
|---------------|-----|-----|----------|-------|-------------|-------------|----------------|
| | --- | --- | ----- | ----- | ----- | ----- | ----- |
| B.H. Locn : A | 20 | 30N | 09W | FTG | 990 F N | FTG 990 F E | P |

Lot Identifier:
Dedicated Acre: 320.00
Lease Type : F
Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

| | | | | | |
|-----------|------|-----------|--------------|--------------|-------------|
| PF01 HELP | PF02 | PF03 EXIT | PF04 GoTo | PF05 | PF06 |
| PF07 | PF08 | PF09 | PF10 NEXT-WC | PF11 HISTORY | PF12 NXTREC |

CMD :
OG6IWCM

ONGARD
INQUIRE WELL COMPLETIONS

05/02/01 07:31:32
OGOMES -TPJ2

API Well No : 30 45 22150 Eff Date : 03-01-1977 WC Status : A
Pool Idn : 72319 BLANCO-MESAVERDE (PRORATED GAS)
OGRID Idn : 778 AMOCO PRODUCTION CO
Prop Idn : 518 FLORANCE

Well No : 002A
GL Elevation: 5985

| | U/L | Sec | Township | Range | North/South | East/West | Prop/Act (P/A) |
|--|-----|-----|----------|-------|-------------|--------------|----------------|
| | --- | --- | ----- | ----- | ----- | ----- | ----- |
| B.H. Locn : O | 20 | 30N | 09W | FTG | 790 F S | FTG 1475 F E | P |
| Lot Identifier: | | | | | | | |
| Dedicated Acre: 320.00 | | | | | | | |
| Lease Type : F | | | | | | | |
| Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) : | | | | | | | |

| | | | | | |
|-----------|------|-----------|--------------|--------------|-------------|
| PF01 HELP | PF02 | PF03 EXIT | PF04 GoTo | PF05 | PF06 |
| PF07 | PF08 | PF09 | PF10 NEXT-WC | PF11 HISTORY | PF12 NXTREC |

| | | |
|---------|--------------------------|-------------------|
| CMD : | ONGARD | 05/02/01 07:32:02 |
| OG6IWCM | INQUIRE WELL COMPLETIONS | OGOMES -TPJ2 |

API Well No : 30 45 26165 Eff Date : 11-01-1987 WC Status : A
Pool Idn : 71599 BASIN DAKOTA (PRORATED GAS)
OGRID Idn : 778 AMOCO PRODUCTION CO
Prop Idn : 518 FLORANCE

Well No : 002E
GL Elevation: 5997

| | U/L | Sec | Township | Range | North/South | East/West | Prop/Act (P/A) |
|--|-----|-----|----------|-------|-------------|--------------|----------------|
| | --- | --- | ----- | ----- | ----- | ----- | ----- |
| B.H. Locn : O | 20 | 30N | 09W | FTG | 990 F S | FTG 1450 F E | P |
| Lot Identifier: | | | | | | | |
| Dedicated Acre: 320.00 | | | | | | | |
| Lease Type : F | | | | | | | |
| Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) : | | | | | | | |

M0025: Enter PF keys to scroll

| | | | | | |
|-----------|------|-----------|--------------|--------------|-------------|
| PF01 HELP | PF02 | PF03 EXIT | PF04 GoTo | PF05 | PF06 |
| PF07 | PF08 | PF09 | PF10 NEXT-WC | PF11 HISTORY | PF12 NXTREC |

CMD : ONGARD 05/02/01 07:32:10
 OG6ACRE C102-DEDICATE ACREAGE OGOMES -TPJ2
 Page No : 1

API Well No : 30 45 26165 Eff Date : 04-30-1991
 Pool Idn : 71599 BASIN DAKOTA (PRORATED GAS)
 Prop Idn : 518 FLORANCE Well No : 002E
 Spacing Unit : 32616 OCD Order : Simultaneous Dedication:
 Sect/Twp/Rng : Acreage : 320.00 Revised C102? (Y/N) :
 Dedicated Land:

| S | Base | U/L | Sec | Twp | Rng | Acreage | L/W | Ownership | Lot | Idn |
|---|------|-----|-----|-----|-----|---------|-----|-----------|-----|-----|
| | A | 20 | | 30N | 09W | 40.00 | N | FD | | |
| | B | 20 | | 30N | 09W | 40.00 | N | FD | | |
| | G | 20 | | 30N | 09W | 40.00 | N | FD | | |
| | H | 20 | | 30N | 09W | 40.00 | N | FD | | |
| | I | 20 | | 30N | 09W | 40.00 | N | FD | | |
| | J | 20 | | 30N | 09W | 40.00 | N | FD | | |
| | O | 20 | | 30N | 09W | 40.00 | N | FD | | |
| | P | 20 | | 30N | 09W | 40.00 | N | FD | | |

E0005: Enter data to modify or PF keys to scroll

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 LAND PF11 NXTSEC PF12 RECONF

| | | | | |
|--------------------|--------------------|----------------|--------------|-------------|
| DATE IN 4/11/01 | SUSPENSE 5/1/01 | ENGINEER MS | LOGGED KV | TYPE NSL |
|--------------------|--------------------|----------------|--------------|-------------|

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

ADMINISTRATIVE APPLICATION COVERSHEET

THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS

Application Acronyms:

[NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location]
 [DD-Directional Drilling] [SD-Simultaneous Dedication]
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Directional Drilling
☒ NSL ☐ NSP ☐ DD ☐ SD

Check One Only for [B] and [C]

[B] Commingling - Storage - Measurement
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or ☒ Does Not Apply

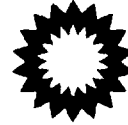
- [A] ☐ Working, Royalty or Overriding Royalty Interest Owners
 [B] ☐ Offset Operators, Leaseholders or Surface Owner
 [C] ☐ Application is One Which Requires Published Legal Notice
 [D] ☐ Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
 [E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,
 [F] ☐ Waivers are Attached

[3] INFORMATION / DATA SUBMITTED IS COMPLETE - Statement of Understanding

I hereby certify that I, or personnel under my supervision, have read and complied with all applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common. I understand that any omission of data, information or notification is cause to have the application package returned with no action taken.

Note: Statement must be completed by an individual with supervisory capacity.

Mary Corley *Mary Corley* Sr. Regulatory Analyst 04/10/2001
 Print or Type Name Signature Title Date



San Juan Business Unit
Amoco Production Company
A Part of the BP Amoco Group
501 WestLake Park Blvd.
Houston, TX 77079-3092

Phone: 281-366-4491

April 09, 2001

Mr. Michael Stogner
New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505

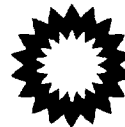
Application For Non-Standard Well Location
Florance Well No. 2M
2355' FNL, 1785' FEL, Section 20-T30N-R09W
Basin Dakota Gas Pool
San Juan County, New Mexico

Amoco Production Company hereby requests administrative approval for an non-standard well location for our Florance well no. 2M to be drilled and completed in both the Basin Dakota and the Blanco Mesaverde Gas Pools and downhole commingled. The subject well will require a non-standard location exception for the Basin Dakota completion as the proposed location does not conform to the Dakota location requirements that stipulate that a well be located no closer than 660' to any outer boundary of the quarter section on which the well is located. The proposed well location is 285' from the south line of the quarter section as shown on the attached Form C-102.

We respectfully request than administrative approval be granted for this Dakota location as stated above our intention is to completed in both the Dakota and Mesaverde Pools and downhole commingle. An application will be made to commingle the Mesaverde and Dakota via a separate application. The well is outside the well location window for the Dakota by being too close to the interior quarter section line thereby crowding our own spacing unit. Amoco is the only affected party.

Additionally, we offer that the Dakota is not a viable stand-alone project. The Mesaverde in the area has been highly productive and poses some drainage concerns, particularly if the location is too close to current producers. By completing the well at the proposed location it conforms to Mesaverde spacing requirements, prevents waste in the Mesaverde, minimizes interference with other Mesaverde wells and allows maximum drainage and recovery of the Mesaverde resource.

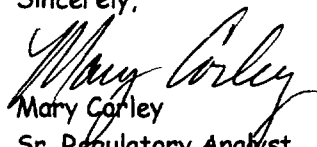
bp



Also attached for your reference is a 9 Section plat with the subject well and surrounding wells identified, a portion of a topographic map with the well identified, and a map indicating directions to the well location.

Your attention to this matter is greatly appreciated. Should you have any questions concerning this application please do not hesitate to call me at 281-366-4491.

Sincerely,


Mary Corley
Sr. Regulatory Analyst
corleym1@bp.com

cc: Frank Chavez, Supervisor
NMOCD District III
1000 Rio Brazos Road
Aztec, NM 87410

District I
PO Box 1980, Hobbs NM 88241-1980
District II
PO Drawer KK, Artesia, NM 87211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102
Revised February 21, 1994

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | |
|-------------------------------------|--|---|
| ¹ API Number | ² Pool Code 71599 & 72319 | ³ Pool Name BASIN DAKOTA & BLANCO MESAVERDE |
| ⁴ Property Code 00518 | ⁵ Property Name FLORANCE | ⁶ Well Number # 2M |
| ⁷ OGRID No. 000778 | ⁸ Operator Name AMOCO PRODUCTION COMPANY | ⁹ Elevation 6080 |

¹⁰ Surface Location

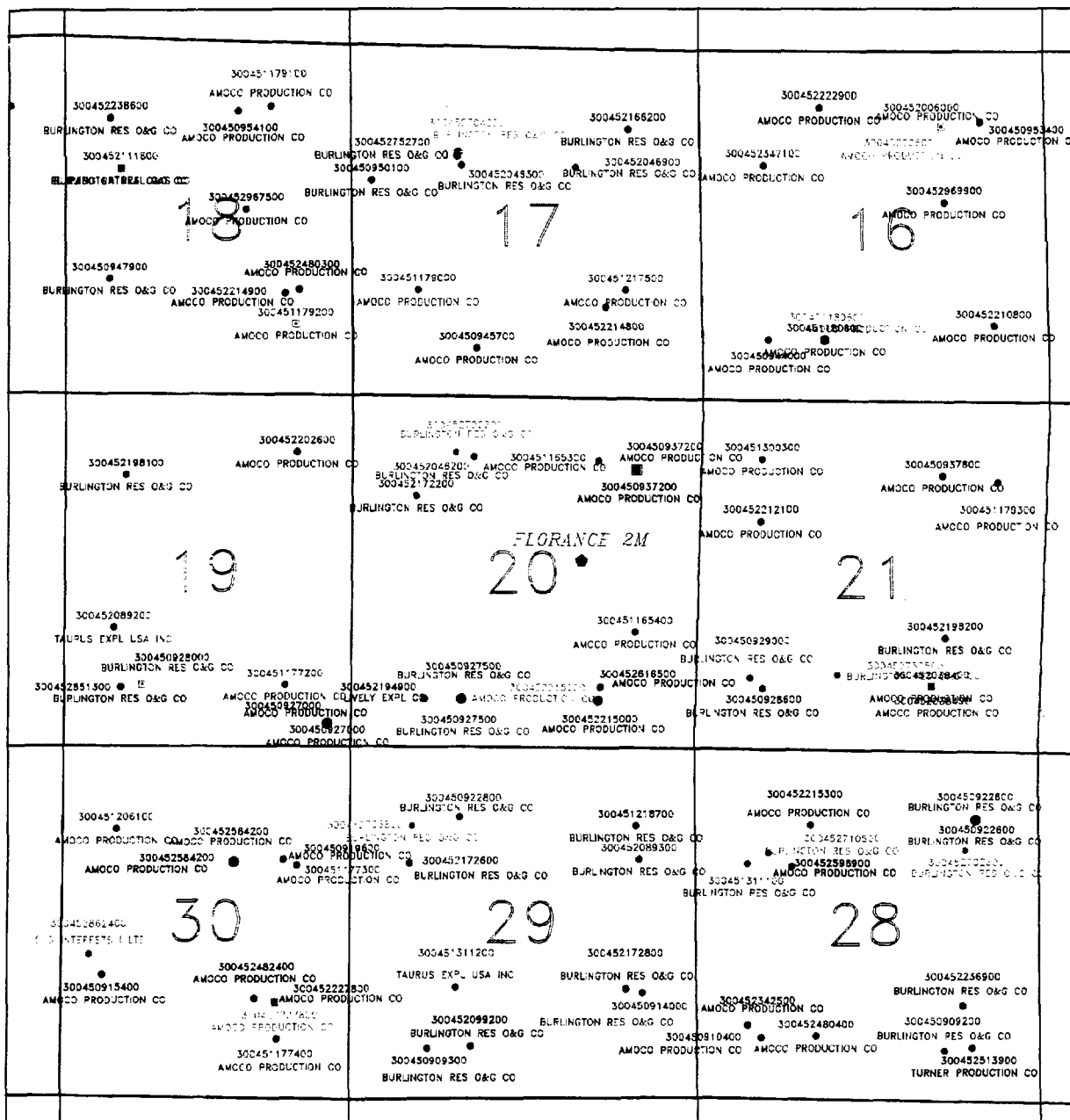
| | | | | | | | | | |
|--------------------|---------------|------------------|--------------|---------|-----------------------|---------------------------|-----------------------|------------------------|--------------------|
| UL or Lot No. G | Section 20 | Township 30 N | Range 9 W | Lot Idn | Feet from the 2355 | North/South line NORTH | Feet from the 1785 | East/West line EAST | County SAN JUAN |
|--------------------|---------------|------------------|--------------|---------|-----------------------|---------------------------|-----------------------|------------------------|--------------------|

¹¹ Bottom Hole Location If Different From Surface

| | | | | | | | | | |
|---|-------------------------------|----------------------------------|-------------------------|---------|---------------|------------------|---------------|----------------|--------|
| ⁷ UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
| ¹² Dedicated Acres 320.00 | ¹³ Joint or Infill | ¹⁴ Consolidation Code | ¹⁵ 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

| | | | | | | | |
|----------|----------|----|-------|-------|----------|---|--|
| 5248 (R) | 5262 (R) | 20 | 2355' | 1785' | 5170 (R) | ¹⁶ | ¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature: <i>Mary Corley</i> Printed Name: MARY CORLEY Title: SR. REGULATORY ANALYST Date: 04-09-2001 |
| | | | | | | ¹⁸ 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: January 5, 2001 Signature and Seal of Professional Surveyor: <i>GARY VANN</i> 7016 7016 Certificate Number | |
| | | | | | | | |



1:30000
 STATUTE MILES 0 .2 STATUTE MILES
 KILOMETERS 0 .5 KILOMETERS

- DAKOTA ACTIVE WELL
- DAKOTA INACTIVE WELL
- MESAVRDE ACTIVE WELL
- MESAVRDE INACTIVE WELL
- PICTURED CLIFFS ACTIVE WELL
- PICTURED CLIFFS INACTIVE WELL

| | | |
|--|---------------------|-----------------|
| Amoco Production Company HOUSTON, TEXAS | | |
| 9 Section Plat 30N 9W Section 20 Florance 2M | | |
| SCALE | DRAWN G. E. SACKETT | DATE 2-APR-2001 |
| DRAWING | | |

**AMOCO
PRODUCTION COMPANY**

**Florance # 2M
NE¼ Section 20,
T30N, R9W, N.M.P.M.**

1350' New BLM Road Construction

**T30N, R9W, Sec.20
SE¼NE¼ - 400'
SW¼NE¼ - 950'**

APD MAP # 1

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

b. TYPE OF WELL

OIL
WELL ☐

GAS
WELL ☒

OTHER ☐

2. NAME OF OPERATOR **AMOCO PRODUCTION COMPANY**
P.O. BOX 3092
HOUSTON , TX 77079

3. ADDRESS AND TELEPHONE NO.
MARY CORLEY
AUTHORIZED REPRESENTATIVE

PHONE **281.366.4491** EXT: **281.366.0700**
FAX: **281.366.0700**
EMAIL: **corleym1@bp.com**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. *)

At Surface **2355FNL AND 1785FEL SWNE SEC 20 T30N R9W**
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM THE NEAREST TOWN OR POST OFFICE
12 MILES FROM AZTEC

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drils. unit line, if any)

16. NO. ACRES IN LEASE
320.00

17. NO. OF ACRES ASSIGNED
TO THIS WELL
320.00 **E/2**

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE FT.

19. PROPOSED DEPTH
7476 MD / TVD

20. ROTARY OR CABLE TOOLS
ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6080 GL

22. APPROX. DATE WORK WILL START*
05/14/2001

23. PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | GRADE, SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|-----------------------|-----------------|---------------|--------------------|
| | | | | |
| | | | | |
| | | | | |

Notice of Staking Submitted 01/19/2001. Amoco Production Company respectfully request permission to drill the subject well to a total depth of approximately 7476', complete in the Basin Dakota Pool, produce the well for approximately 30 days to establish production rate, add the Blanco Mesaverde Pool and commingle production downhole. Application for downhole commingling authority (NMOCD order R-11363) will be submitted to all appropriate parties for approval after production has been established in the Basin Dakota Pool and prior to completion of and downhole commingling with the Blanco Mesaverde. Please see attachment for well drilling and completion program and supporting documentations.

This action is subject to technical and
procedural review pursuant to 43 CFR 3165.3
and appeal pursuant to 43 CFR 3165.4.

PROPOSAL AND ALL ATTACHED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. ELECTRONIC SUBMISSION #3524 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
FOR AMOCO PRODUCTION COMPANY SENT TO THE FARMINGTON FIELD OFFICE
SIGNED **MARY CORLEY** TITLE **AUTHORIZED REPRESENTATIVE** DATE **04/09/2001**

PERMIT NO. _____

APPROVAL DATE **11/14/01**

Application approval 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.
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY **[Signature]**

TITLE **AFM**

DATE **11/14/01**

NSL - Basin Dakota

District I
PO Box 1980, Hobbs NM 88241-1980
District II
PO Drawer KK, Artesia, NM 87211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | | | | | |
|-------------------------------------|--|--|--|---|------------------------------|--|
| 1 API Number 30-045-30624 | | 2 Pool Code 71599 & 72319 | | 3 Pool Name BASIN DAKOTA & BLANCO MESAVERDE | | |
| 4 Property Code 00518 | | 5 Property Name FLORANCE | | | 6 Well Number # 2M | |
| 7 OGRID No. 000778 | | 8 Operator Name AMOCO PRODUCTION COMPANY | | | 9 Elevation 6080 | |

10 Surface Location

| UL or Lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|-----------|-------------|------------|---------|---------------|------------------|---------------|----------------|-----------------|
| G | 20 | 30 N | 9 W | | 2355 | NORTH | 1785 | EAST | SAN JUAN |

11 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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| | | | | | | | | | |

| | | | |
|-------------------------------------|--------------------|-----------------------|--------------|
| 12 Dedicated Acres 320.00 | 13 Joins or Infill | 14 Consolidation Code | 15 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**

| | | | |
|--|--|---|---|
| | | 16 | 17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature MARY CORLEY Printed Name SR. REGULATORY ANALYST Title 04-09-2001 Date |
| | | 18 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. January 5, 2001 Date of Survey Signature and Seal of Professional Surveyor 7016 Certificate Number | |

**AMOCO PRODUCTION COMPANY
DRILLING AND COMPLETION PROGRAM**

Prospect Name: Florance
Lease: FLORANCE
County: San Juan
State: New Mexico
Date: May 27, 2001

Well No: 2M
Surface Location: 20-30N-9W, 2355 FNL, 1785 FEL
Field: Blanco Mesaverde/Basin Dakota

OBJECTIVE: Drill 450' below the base of the Greenhorn Limestone, set 41/2" production casing, Stimulate LS, CH, MF, PL and DK intervals

| METHOD OF DRILLING | | APPROXIMATE DEPTHS OF GEOLOGICAL MARKER | | | |
|--|----------------------------|---|-------|--------------------|-------------|
| TYPE OF TOOLS | DEPTH OF DRILLING | Estimated GL: 6080 | | Estimated KB: 6094 | |
| Rotary | 0 - TD | MARKER | | SUBSEA | MEAS. DEPTH |
| LOG PROGRAM | | Ojo Alamo | | 4580 | 1514 |
| TYPE | DEPTH INVERAL | Fruitland Coal | * | 3906 | 2188 |
| <u>OPEN HOLE</u> | | Pictured Cliffs | * | 3317 | 2777 |
| GR-Induction | TD to 7" shoe | Lewis Shale | # | 3239 | 2855 |
| Density/Neutron | TD to 7" shoe | Cliff House | # | 1690 | 4404 |
| <u>CASED HOLE</u> | | Menefee Shale | # | 1496 | 4598 |
| GR-CCL-TDT | TDT - TD to 7" shoe | Point Lookout | # | 1072 | 5022 |
| CBL | Identify 4 1/2" cement top | Mancos | | 962 | 5132 |
| REMARKS: - Please report any flares (magnitude & duration). | | Greenhorn | | -930 | 7024 |
| | | Bentonite Marker | | -982 | 7076 |
| | | Two Wells | # | -1025 | 7119 |
| | | Dakota MB | # | -1168 | 7262 |
| | | Burro Canyon | * | -1318 | 7412 |
| | | Morrison | * | -1368 | 7462 |
| | | TOTAL DEPTH | | -1472 | 7566 |
| | | # Probable completion interval | | * Possible Pay | |
| | | DRILL CUTTING SAMPLES | | DRILLING TIME | |
| | | FREQUENCY | DEPTH | FREQUENCY | DEPTH |
| 10 feet | Production hole | Geolograph | 0-TD | | |
| SPECIAL TESTS | | | | | |
| TYPE | | | | | |
| None | | | | | |
| REMARKS: | | | | | |

| MUD PROGRAM: | | | | | | | | |
|------------------|---|---------|--------|-----------------|---|-------------|-----------------|---------------------|
| Approx. Interval | | | | Type Mud | Weight, #/ga | Vis, sec/qt | W/L cc's/30 min | Other Specification |
| 0 | - | 120-135 | 3 jts. | Spud | 8.6-9.2 | | | |
| 120-135 | - | 2955 | (1) | Water/LSND | 8.6-9.2 | | <6 | |
| 2955 | - | 7412 | | Gas/Air/N2/Mist | Volume sufficient to maintain a stable and clean wellbore | | | |
| 7412 | | 7566 | (2) | LSND | 9.0-9.2 | | <6 | |

REMARKS:
(1) The hole will require sweeps to keep unloaded while fresh water drilling. Let hole conditions dictate frequency.
(2) Mud up 50' above Morrison +/-.

CASING PROGRAM: (Normally, tubular goods allocation letter specifies casing sizes to be used. Hole sizes will be governed by Contract)

| Casing String | Estimated Depth | Casing Size | Grade | Weight | Hole Size | Landing Pt, Cmt, Etc. |
|-------------------|-----------------|-------------|-------------|--------|-----------|-----------------------|
| Surface/Conductor | 120-135 | 9 5/8" | H-40 ST&C | 32# | 12.25" | 1 |
| Intermediate 1 | 2955 | 7" | J/K-55 ST&C | 20# | 8.75" | 1,2 |
| Production | 7566 | 4 1/2" | J-55 | 11.6# | 6.25" | 3 |

REMARKS:
(1) Circulate Cement to Surface
(2) Set casing 100' into Lewis Shale
(3) Bring cement 100' above 7" shoe

CORING PROGRAM:

None

COMPLETION PROGRAM:

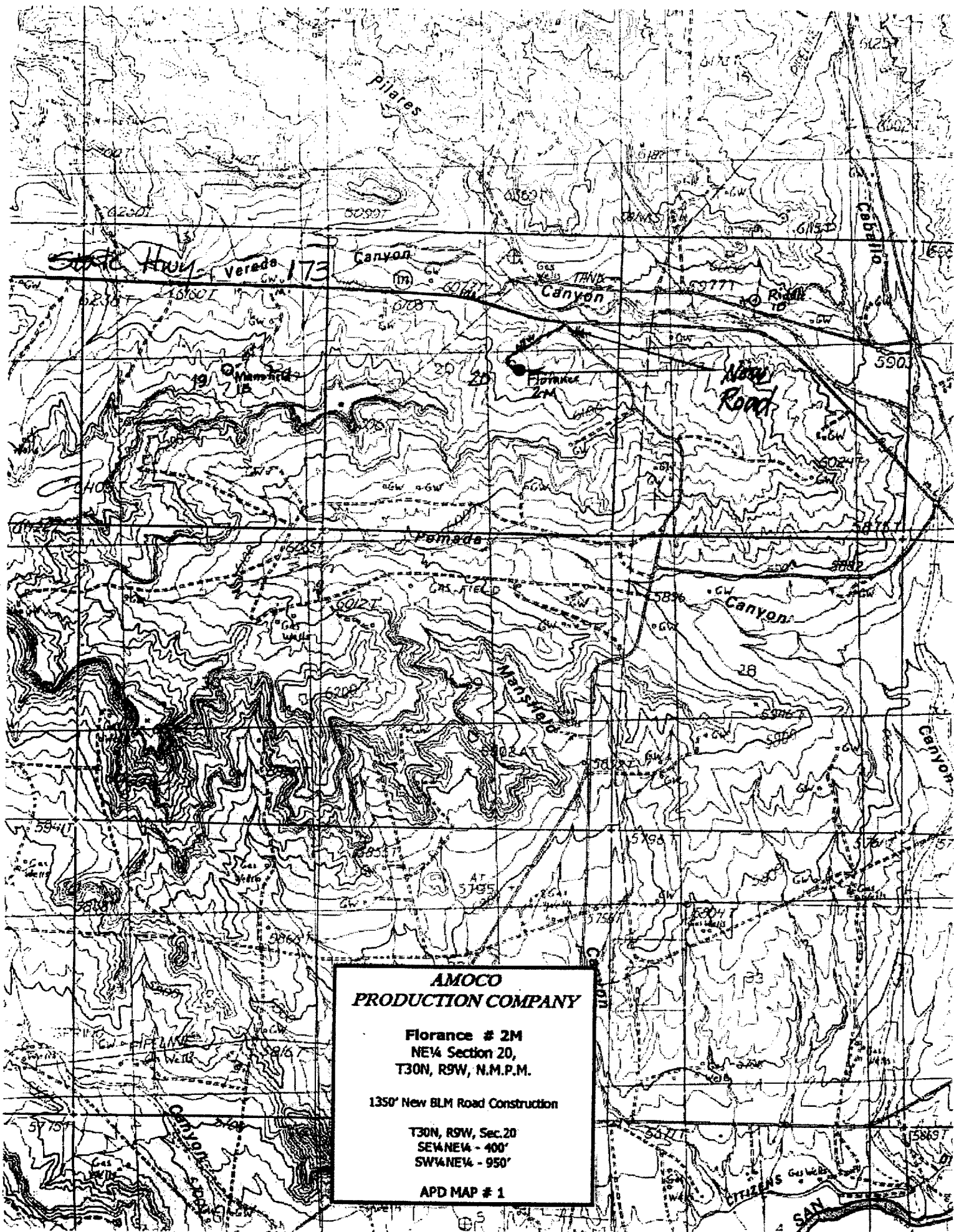
Rigless, 4-6 Stage Limited Entry Hydraulic Frac

GENERAL REMARKS:

Notify BLM/NMOC 24 hours prior to Spud, BOP testing, and Casing and Cementing.

Form 46 Reviewed by: _____ Logging program reviewed by: N/A

| | | | |
|---------------------|------------------|--------------|--|
| PREPARED BY: | APPROVED: | DATE: | |
| HGJ/KAT | | May 1, 2001 | |
| | | Version 2.0 | |
| Form 46 12-00 KAT | | | |



**AMOCO
PRODUCTION COMPANY**

**Florance # 2M
NE¼ Section 20,
T30N, R9W, N.M.P.M.**

1350' New BLM Road Construction

**T30N, R9W, Sec.20
SE¼NE¼ - 400'
SW¼NE¼ - 950'**

APD MAP # 1

**Amoco Production Company
BOP Pressure Testing Requirements**

Well Name: **FLORANCE 2M**

County: **San Juan**

State: **New Mexico**

| Formation | TVD | Anticipated Bottom Hole Pressure | Maximum Anticipated Surface Pressure ** |
|----------------|------|-------------------------------------|--|
| Ojo Alamo | 1514 | | |
| Fruitland Coal | 2188 | | |
| PC | 2777 | | |
| Lewis Shale | 2855 | | |
| Cliff House | 4404 | 500 | 0 |
| Menefee Shale | 4598 | | |
| Point Lookout | 5022 | 600 | 0 |
| Mancos | 5132 | | |
| Dakota | 7119 | 2600 | 1471 |

**** Note: Determined using the following formula: $ABHP - (.22 * TVD) = ASP$**

| |
|--|
| Requested BOP Pressure Test Exception: 3000 PSI |
|--|

**SAN JUAN BASIN
Dakota Formation
Pressure Control Equipment**

Background

The objective Dakota formation maximum surface pressure is anticipated to be less than 1000 PSI, based on shut-in surface pressures from adjacent wells. Pressure control equipment working pressure minimum requirements are therefore 2000 PSI. Equipment to be used will conform to API RP-53 (Figure 2.C.2) for a 2000 PSI system per Federal Onshore Order No. 2. Due to available conventional equipment within the area, 3000 PSI rated pressure control equipment will typically be utilized in a double ram type arrangement. Regional drilling rights to be utilized have substructure height limitations which exclude the use of annular preventers; therefore a rotating head will be installed above these rams. This pressure control equipment will be utilized for conventional drilling below conductor to total depth in the Basin Dakota. No abnormal temperature, pressure, or H2S anticipated.

Equipment Specification

Interval

BOP Equipment

Below conductor casing to total depth

**11" nominal or 7 1/16", 3000 PSI
double ram preventer with rotating
head.**

All ram type preventers and related control equipment will be hydraulically tested to 250 PSI (low pressure) and 2000 PSI (high pressure), upon installation, following any repairs or equipment replacements, or at 30 day intervals. Accessories to BOP equipment will include kelly cock, upper kelly cock with a handle available, floor safety valves and choke manifold which will also be tested to equivalent pressure.

Form 11a-5
December 1989

RECEIVED

UNITED STATES

RECEIVED

MAY 7 1990

FORM APPROVED
Budget Bureau No. 1004-1135
Expires September 30, 1990

90 MAY 21 10 54

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Amoco Production Company Attn: John Hampton

3. Address and Telephone No

P.O. Box 800, Denver, Colorado 80201

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

990' FNL, 990' FEL Sec. 20, T30N-R9W

5. Lease Designation and Serial No

SF-078116

6. If Indian, Allottee or Tribe Name

7. If Unit or CA Agreement Designation

8. Well Name and No.

Florance 2

9. API Well No.

30 045 09372

10. Field and Pool, or Exploratory Area

Blanco mesaverde/

11. County or Parish, State

San Juan, New Mexico

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

TYPE OF SUBMISSION

- ☐ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection

Dakota is Abandoned

(Note: Report results of multiple completion on Well Completion or
Recompletion Report and Log form)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Temporary abandonment procedure of the Dakota formation on 6/27/80 fulfills the permanent abandonment requirements of the Bureau of Land Management per conversation on 5/2/90 between Wayne Townsend (BLM) and Bill McGillivray (APC).

Mesaverde is a producing formation and we plan to continue production.

If you have any questions please call Julie Acevedo at 303-830-6003

RECEIVED

MAY 14 1990

OIL CON. DIV.)
DIST. 3

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

Signed

John Hampton

Title

Sr. Staff Admin. Supv.

Date 5/2/90

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Administrative Resource Area

RY

SM

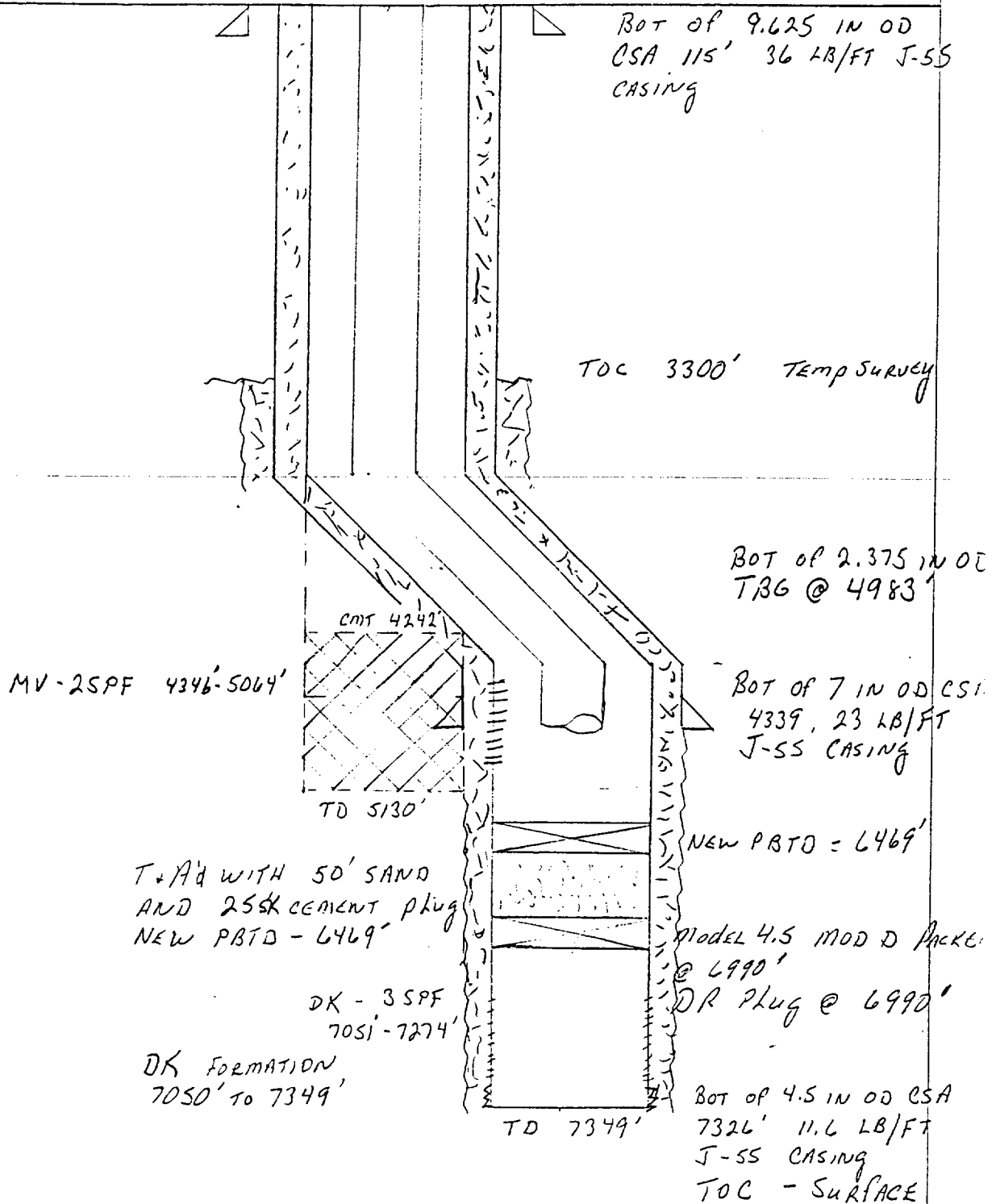
NMOC

Px A PROCEDURES

FLORANCE 2

LOCATION 20A-T30N-R9W

Orig Comp 6-3-50



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil ☐ gas ☒ other ☐
2. NAME OF OPERATOR
Tenneco Oil Company
3. ADDRESS OF OPERATOR
P.O. Box 3249 Englewood, CO 80155
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 990' FNL, 990' FEL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

CHANGE ZONES ☐

ABANDON* ☐

(other) Temporarily abandon zone X

RECEIVED

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

FEB 19 1982

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

6/25/80--MIRUSU. Kill well w/1% KCL wtr. NDWH. NUBOP.
6/26/80--RIH w/tbg. Tagged sd fill 19' above pkr. Washed to top of pkr @ 6990'.
6/27/80--Kill well w/1%. POOH w/rest of tbg, seal assembly, sliding sleeve, over-shot, collars & jars. RIH w/DR pkr plug. Seat in pkr @ 6990'. Spot 50' of sd. Let settle 45 min. Spotted 25 sx of neat cmt on top of sd. New BPTD 6469. Layed dn 64 jts of 2 3/8" J-55 EUE 8 round tbg. Landed tbg @ 4983' w/seating nipple 1 jt off bottom. NDBOP. NUWH. Shut well in. RDMOSU.

Subsurface Safety Valve: Manu. and Type _____

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

SIGNED Samuel J. Peron TITLE Production Analyst DATE 2/12/82

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD

FEB 23 1982

FARMINGTON DISTRICT

BY W. Kelly

*See Instructions on Reverse Side

OPERATOR

CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

01/28/02 13:10:
OGOMES -TQ
PAGE NO:

Sec : 20 Twp : 30N Rng : 09W Section Type : NORMAL

| | | | |
|---------------|---------------|---------------|---------------|
| D 40.00 | C 40.00 | B 40.00 | A 40.00 |
| Federal owned | Federal owned | Federal owned | Federal owned |
| | A A | A | A |
| E 40.00 | F 40.00 | G 40.00 | H 40.00 |
| Federal owned | Federal owned | Federal owned | Federal owned |
| A | A | A | |

PF01 HELP
PF07 BKWD

PF02
PF08 FWD

PF03 EXIT
PF09 PRINT

PF04 GoTo
PF10 SDIV

PF05
PF11

PF06
PF12

CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

01/28/02 13:10:
OGOMES -TQ
PAGE NO:

Sec : 20 Twp : 30N Rng : 09W Section Type : NORMAL

| | | | |
|---------------|---------------|---------------|---------------|
| L 40.00 | K 40.00 | J 40.00 | I 40.00 |
| Federal owned | Federal owned | Federal owned | Federal owned |
| | | | A |
| M 40.00 | N 40.00 | O 40.00 | P 40.00 |
| Federal owned | Federal owned | Federal owned | Federal owned |
| A | A | A A | |

PF01 HELP
PF07 BKWD

PF02
PF08 FWD

PF03 EXIT
PF09 PRINT

PF04 GoTo
PF10 SDIV

PF05
PF11

PF06
PF12

CMD : ONGARD 01/28/02 13:11:
OG6C101 C101-APPLICATION FOR PERMIT TO DRILL OGOMES -TQ

OGRID Idn : 778 API Well No: 30 45 30624 APD Status(A/C/P): A
Opr Name, Addr: BP AMERICA PRODUCTION COMPANY Aprvl/Cncl Date : 11-14-20
PO BOX 22048
TULSA,OK 74121

Prop Idn: 518 FLORANCE Well No: 2 M

| | U/L | Sec | Township | Range | Lot | Idn | North/South | East/West |
|----------------|-----|-----|--------------|-------|-------|-------|--------------|--------------|
| | --- | --- | ----- | ----- | ----- | ----- | ----- | ----- |
| Surface Locn : | G | 20 | 30N | 09W | | | FTG 2355 F N | FTG 1785 F E |
| OCD U/L : | G | | API County : | 45 | | | | |

Work typ(N/E/D/P/A) : N Well typ(O/G/M/I/S/W/C): G Cable/Rotary (C/R) :
Lease typ(F/S/P/N/J/U/I): F Ground Level Elevation : 6080

State Lease No: Multiple Comp (S/M/C) : M
Prpsd Depth : 7476 Prpsd Frmtn : BASIN DAKOTA/BLANCO MV

E0009: Enter data to modify record

| | | | | | |
|-----------|------|------------|-----------|--------------|--------------|
| PF01 HELP | PF02 | PF03 EXIT | PF04 GoTo | PF05 | PF06 CONFIRM |
| PF07 | PF08 | PF09 PRINT | PF10 C102 | PF11 HISTORY | PF12 |

CMD :
OG6IWCM

ONGARD
INQUIRE WELL COMPLETIONS

01/28/02 13:12:
OGOMES -TQ

API Well No : 30 45 26165 Eff Date : 11-01-1987 WC Status : A
Pool Idn : 71599 BASIN DAKOTA (PRORATED GAS)
OGRID Idn : 778 BP AMERICA PRODUCTION COMPANY
Prop Idn : 518 FLORANCE

Well No : 002E
GL Elevation: 5997

| | U/L | Sec | Township | Range | North/South | East/West | Prop/Act (P/ |
|--|-----|-----|----------|-------|-------------|--------------|--------------|
| | --- | --- | ----- | ----- | ----- | ----- | ----- |
| B.H. Locn : O | 20 | 30N | 09W | FTG | 990 F S | FTG 1450 F E | P |
| Lot Identifier: | | | | | | | |
| Dedicated Acre: 320.00 | | | | | | | |
| Lease Type : F | | | | | | | |
| Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) : | | | | | | | |

M0025: Enter PF keys to scroll

| | | | | | |
|-----------|------|-----------|--------------|--------------|-------------|
| PF01 HELP | PF02 | PF03 EXIT | PF04 GoTo | PF05 | PF06 |
| PF07 | PF08 | PF09 | PF10 NEXT-WC | PF11 HISTORY | PF12 NXTREC |

CMD : ONGARD 01/28/02 13:12:
OG6ACRE C102-DEDICATE ACREAGE OGOMES -TQ
Page No :

API Well No : 30 45 26165 Eff Date : 04-30-1991
Pool Idn : 71599 BASIN DAKOTA (PRORATED GAS)
Prop Idn : 518 FLORANCE Well No : 00
Spacing Unit : 32616 OCD Order : Simultaneous Dedication:
Sect/Twp/Rng : Acreage : 320.00 Revised C102? (Y/N) :
Dedicated Land:

| S | Base | U/L | Sec | Twp | Rng | Acreage | L/W | Ownership | Lot | Idn |
|---|------|-----|-----|-----|-----|---------|-----|-----------|-----|-----|
| | A | | 20 | 30N | 09W | 40.00 | N | FD | | |
| | B | | 20 | 30N | 09W | 40.00 | N | FD | | |
| | G | | 20 | 30N | 09W | 40.00 | N | FD | | |
| | H | | 20 | 30N | 09W | 40.00 | N | FD | | |
| | I | | 20 | 30N | 09W | 40.00 | N | FD | | |
| | J | | 20 | 30N | 09W | 40.00 | N | FD | | |
| | O | | 20 | 30N | 09W | 40.00 | N | FD | | |
| | P | | 20 | 30N | 09W | 40.00 | N | FD | | |

E0005: Enter data to modify or PF keys to scroll

| | | | | | |
|-----------|----------|-----------|-----------|-------------|--------------|
| PF01 HELP | PF02 | PF03 EXIT | PF04 GoTo | PF05 | PF06 CONFIRM |
| PF07 BKWD | PF08 FWD | PF09 | PF10 LAND | PF11 NXTSEC | PF12 RECONF |

CMD : ONGARD 01/28/02 13:12:
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TQ
 Page No:

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
 Pool Identifier : 71599 BASIN DAKOTA (PRORATED GAS)
 API Well No : 30 45 26165 Report Period - From : 01 1999 To : 12 2001

| API Well No | Property Name | Prodn. Days MM/YY Prod | Production Volumes Gas Oil Water | We St |
|-------------|---------------|---------------------------|-------------------------------------|----------|
| 30 45 26165 | FLORANCE | 01 99 31 | 1972 | F |
| 30 45 26165 | FLORANCE | 02 99 28 | 1249 | F |
| 30 45 26165 | FLORANCE | 03 99 31 | 2094 4 | F |
| 30 45 26165 | FLORANCE | 04 99 30 | 1832 | F |
| 30 45 26165 | FLORANCE | 05 99 31 | 1429 | F |
| 30 45 26165 | FLORANCE | 06 99 30 | 2123 | F |
| 30 45 26165 | FLORANCE | 07 99 11 | 1888 | F |

Reporting Period Total (Gas, Oil) :

M0025: Enter PF keys to scroll

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

CMD : ONGARD 01/28/02 13:12:
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TQ
 Page No:

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
 Pool Identifier : 71599 BASIN DAKOTA (PRORATED GAS)
 API Well No : 30 45 26165 Report Period - From : 01 1999 To : 12 2001

| API Well No | Property Name | Prod. Days MM/YY Prod | Production Volumes Gas Oil Water St |
|-------------|---------------|--------------------------|--|
| 30 45 26165 | FLORANCE | 08 99 31 | 1968 |
| 30 45 26165 | FLORANCE | 09 99 30 | 1883 |
| 30 45 26165 | FLORANCE | 10 99 31 | 579 |
| 30 45 26165 | FLORANCE | 11 99 30 | 437 |
| 30 45 26165 | FLORANCE | 12 99 31 | 2242 |
| 30 45 26165 | FLORANCE | 01 00 31 | 1834 |
| 30 45 26165 | FLORANCE | 02 00 29 | 2296 1 |

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

CMD : ONGARD 01/28/02 13:12:
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TQ
 Page No:

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
 Pool Identifier : 71599 BASIN DAKOTA (PRORATED GAS)
 API Well No : 30 45 26165 Report Period - From : 01 1999 To : 12 2001

| API Well No | Property Name | Prod. Days | | Production Volumes | | | We |
|-------------|---------------|------------|------|--------------------|-----|-------|----|
| | | MM/YY | Prod | Gas | Oil | Water | |
| 30 45 26165 | FLORANCE | 03 00 | 31 | 2103 | 6 | | F |
| 30 45 26165 | FLORANCE | 04 00 | 30 | 1791 | | | F |
| 30 45 26165 | FLORANCE | 05 00 | 31 | 1818 | 2 | | F |
| 30 45 26165 | FLORANCE | 06 00 | 30 | 1470 | | | F |
| 30 45 26165 | FLORANCE | 07 00 | 31 | 1812 | | | F |
| 30 45 26165 | FLORANCE | 08 00 | 31 | 1680 | | | F |
| 30 45 26165 | FLORANCE | 09 00 | 30 | 1495 | | | F |

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

CMD : ONGARD 01/28/02 13:12:
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TQ
 Page No:

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
 Pool Identifier : 71599 BASIN DAKOTA (PRORATED GAS)
 API Well No : 30 45 26165 Report Period - From : 01 1999 To : 12 2001

| API Well No | Property Name | Prod. Days | | Production Volumes | | | We |
|-------------|---------------|------------|------|--------------------|-----|-------|----|
| | | MM/YY | Prod | Gas | Oil | Water | |
| 30 45 26165 | FLORANCE | 10 00 | 31 | 2086 | | | F |
| 30 45 26165 | FLORANCE | 11 00 | 30 | 1944 | | | F |
| 30 45 26165 | FLORANCE | 12 00 | 31 | 1307 | | | F |
| 30 45 26165 | FLORANCE | 01 01 | 31 | 1982 | | | F |
| 30 45 26165 | FLORANCE | 02 01 | 28 | 1787 | | | F |
| 30 45 26165 | FLORANCE | 03 01 | 31 | 1879 | | | F |
| 30 45 26165 | FLORANCE | 04 01 | 30 | 1680 | | | F |

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

CMD : ONGARD 01/28/02 13:12:
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TQ
 Page No:

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
 Pool Identifier : 71599 BASIN DAKOTA (PRORATED GAS)
 API Well No : 30 45 26165 Report Period - From : 01 1999 To : 12 2001

| API Well No | Property Name | Prod. Days | | | Production Volumes | | | We |
|-------------|---------------|------------|------|--|--------------------|-----|-------|----|
| | | MM/YY | Prod | | Gas | Oil | Water | |
| 30 45 26165 | FLORANCE | 05 01 | 31 | | 1655 | | | F |
| 30 45 26165 | FLORANCE | 06 01 | 30 | | 1300 | | | F |
| 30 45 26165 | FLORANCE | 07 01 | 31 | | 1306 | | | F |
| 30 45 26165 | FLORANCE | 08 01 | 31 | | 1428 | 1 | | F |
| 30 45 26165 | FLORANCE | 09 01 | 30 | | 1173 | | | F |
| 30 45 26165 | FLORANCE | 10 01 | 31 | | 709 | | | F |
| 30 45 26165 | FLORANCE | 11 01 | 30 | | 921 | | | F |

Reporting Period Total (Gas, Oil) : 57152 14

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

CMD :
OG6IWCM

ONGARD
INQUIRE WELL COMPLETIONS

01/28/02 13:10:
OGOMES -TQ

API Well No : 30 45 9372 Eff Date : 01-01-1900 WC Status : A
Pool Idn : 71599 BASIN DAKOTA (PRORATED GAS)
OGRID Idn : 778 BP AMERICA PRODUCTION COMPANY
Prop Idn : 518 FLORANCE

Well No : 002
GL Elevation: 5980

| | U/L | Sec | Township | Range | North/South | East/West | Prop/Act (P/ |
|--|-----|-----|----------|-------|-------------|-------------|--------------|
| | --- | --- | ----- | ----- | ----- | ----- | ----- |
| B.H. Locn : A | 20 | 30N | 09W | FTG | 990 F N | FTG 990 F E | P |
| Lot Identifier: | | | | | | | |
| Dedicated Acre: 320.00 | | | | | | | |
| Lease Type : F | | | | | | | |
| Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) : | | | | | | | |

M0025: Enter PF keys to scroll

| | | | | | |
|-----------|------|-----------|--------------|--------------|-------------|
| PF01 HELP | PF02 | PF03 EXIT | PF04 GoTo | PF05 | PF06 |
| PF07 | PF08 | PF09 | PF10 NEXT-WC | PF11 HISTORY | PF12 NXTREC |

CMD : ONGARD 01/28/02 13:11:
 OG6ACRE C102-DEDICATE ACREAGE OGOMES -TQ
 Page No :

API Well No : 30 45 9372 Eff Date : 04-30-1991
 Pool Idn : 71599 BASIN DAKOTA (PRORATED GAS)
 Prop Idn : 518 FLORANCE Well No : 00
 Spacing Unit : 32616 OCD Order : Simultaneous Dedication:
 Sect/Twp/Rng : Acreage : 320.00 Revised C102? (Y/N) :
 Dedicated Land:

| S | Base | U/L | Sec | Twp | Rng | Acreage | L/W | Ownership | Lot | Idn |
|---|------|-----|-----|-----|-----|---------|-----|-----------|-----|-----|
| | A | 20 | 30N | 09W | | 40.00 | N | FD | | |
| | B | 20 | 30N | 09W | | 40.00 | N | FD | | |
| | G | 20 | 30N | 09W | | 40.00 | N | FD | | |
| | H | 20 | 30N | 09W | | 40.00 | N | FD | | |
| | I | 20 | 30N | 09W | | 40.00 | N | FD | | |
| | J | 20 | 30N | 09W | | 40.00 | N | FD | | |
| | O | 20 | 30N | 09W | | 40.00 | N | FD | | |
| | P | 20 | 30N | 09W | | 40.00 | N | FD | | |

E0005: Enter data to modify or PF keys to scroll

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 LAND PF11 NXTSEC PF12 RECONF

CMD :
OG6IPRD

ONGARD
INQUIRE PRODUCTION BY POOL/WELL

01/28/02 13:11:
OGOMES -TQ
Page No:

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
Pool Identifier : 71599 BASIN DAKOTA (PRORATED GAS)
API Well No : 30 45 9372 Report Period - From : 01 1996 To : 12 2001

| API Well No | Property Name | Prod. Days MM/YY Prod | Production Volumes Gas Oil Water | We St |
|-------------|---------------|--------------------------|-------------------------------------|----------|
| 30 45 9372 | FLORANCE | 01 96 | | S |
| 30 45 9372 | FLORANCE | 02 96 | | S |
| 30 45 9372 | FLORANCE | 03 96 | | S |
| 30 45 9372 | FLORANCE | 04 96 | | S |
| 30 45 9372 | FLORANCE | 05 96 | | S |
| 30 45 9372 | FLORANCE | 06 96 | | S |
| 30 45 9372 | FLORANCE | 07 96 | | S |

Reporting Period Total (Gas, Oil) :

M0025: Enter PF keys to scroll

| | | | | | |
|-----------|----------|-----------|--------------|-------------|--------------|
| PF01 HELP | PF02 | PF03 EXIT | PF04 GoTo | PF05 | PF06 CONFIRM |
| PF07 BKWD | PF08 FWD | PF09 | PF10 NXTPOOL | PF11 NXTOGD | PF12 |

CMD :
OG6IPRD

ONGARD
INQUIRE PRODUCTION BY POOL/WELL

01/28/02 13:11:
OGOMES -TQ
Page No:

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
Pool Identifier : 71599 BASIN DAKOTA (PRORATED GAS)
API Well No : 30 45 9372 Report Period - From : 01 1996 To : 12 2001

| API Well No | Property Name | Prod. | Days | Production Volumes | We |
|-------------|---------------|-------|------|--------------------|----|
| | | MM/YY | Prod | Gas Oil Water | St |
| 30 45 9372 | FLORANCE | 08 | 96 | | S |
| 30 45 9372 | FLORANCE | 09 | 96 | | S |
| 30 45 9372 | FLORANCE | 10 | 96 | | S |
| 30 45 9372 | FLORANCE | 11 | 96 | | S |
| 30 45 9372 | FLORANCE | 12 | 96 | | S |
| 30 45 9372 | FLORANCE | 01 | 97 | | S |
| 30 45 9372 | FLORANCE | 02 | 97 | | S |

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

| | | | | | |
|-----------|----------|-----------|--------------|-------------|--------------|
| PF01 HELP | PF02 | PF03 EXIT | PF04 GoTo | PF05 | PF06 CONFIRM |
| PF07 BKWD | PF08 FWD | PF09 | PF10 NXTPOOL | PF11 NXTOGD | PF12 |

CMD :
OG6IPRD

ONGARD
INQUIRE PRODUCTION BY POOL/WELL

01/28/02 13:11:
OGOMES -TQ
Page No:

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
Pool Identifier : 71599 BASIN DAKOTA (PRORATED GAS)
API Well No : 30 45 9372 Report Period - From : 01 1996 To : 12 2001

| API Well No | Property Name | Prod. Days MM/YY Prod | Production Volumes Gas Oil Water | We St |
|-------------|---------------|--------------------------|-------------------------------------|----------|
| 30 45 9372 | FLORANCE | 03 97 | | S |
| 30 45 9372 | FLORANCE | 04 97 | | S |
| 30 45 9372 | FLORANCE | 05 97 | | S |
| 30 45 9372 | FLORANCE | 06 97 | | S |
| 30 45 9372 | FLORANCE | 07 97 | | S |
| 30 45 9372 | FLORANCE | 08 97 | | S |
| 30 45 9372 | FLORANCE | 09 97 | | S |

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

| | | | | | |
|-----------|----------|-----------|--------------|-------------|--------------|
| PF01 HELP | PF02 | PF03 EXIT | PF04 GoTo | PF05 | PF06 CONFIRM |
| PF07 BKWD | PF08 FWD | PF09 | PF10 NXTPOOL | PF11 NXTOGD | PF12 |

CMD : ONGARD 01/28/02 13:11:
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TQ
 Page No:

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
 Pool Identifier : 71599 BASIN DAKOTA (PRORATED GAS)
 API Well No : 30 45 9372 Report Period - From : 01 1996 To : 12 2001

| API Well No | Property Name | Prod. Days MM/YY Prod | Production Volumes Gas Oil Water | We St |
|-------------|---------------|--------------------------|-------------------------------------|----------|
| 30 45 9372 | FLORANCE | 10 97 | | S |
| 30 45 9372 | FLORANCE | 11 97 | | S |
| 30 45 9372 | FLORANCE | 12 97 | | S |
| 30 45 9372 | FLORANCE | 01 98 | | S |
| 30 45 9372 | FLORANCE | 02 98 | | S |
| 30 45 9372 | FLORANCE | 03 98 | | S |
| 30 45 9372 | FLORANCE | 04 98 | | S |

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

CMD : ONGARD 01/28/02 13:11:
OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TQ
Page No:

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
Pool Identifier : 71599 BASIN DAKOTA (PRORATED GAS)
API Well No : 30 45 9372 Report Period - From : 01 1996 To : 12 2001

| API Well No | Property Name | Prod. | Days | Production Volumes | We |
|-------------|---------------|-------|------|--------------------|----|
| | | MM/YY | Prod | Gas Oil Water | St |
| 30 45 9372 | FLORANCE | 05 | 98 | | S |
| 30 45 9372 | FLORANCE | 06 | 98 | | S |
| 30 45 9372 | FLORANCE | 07 | 98 | | S |
| 30 45 9372 | FLORANCE | 08 | 98 | | S |
| 30 45 9372 | FLORANCE | 09 | 98 | | S |
| 30 45 9372 | FLORANCE | 10 | 98 | | S |
| 30 45 9372 | FLORANCE | 11 | 98 | | S |

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM
PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

CMD : ONGARD 01/28/02 13:11:
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TQ
 Page No:

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
 Pool Identifier : 71599 BASIN DAKOTA (PRORATED GAS)
 API Well No : 30 45 9372 Report Period - From : 01 1996 To : 12 2001

| API Well No | Property Name | Prodn. Days MM/YY Prod | Production Volumes Gas Oil Water | We St |
|-------------|---------------|---------------------------|-------------------------------------|----------|
| 30 45 9372 | FLORANCE | 12 98 | | S |
| 30 45 9372 | FLORANCE | 01 99 | | S |
| 30 45 9372 | FLORANCE | 02 99 | | S |
| 30 45 9372 | FLORANCE | 03 99 | | S |
| 30 45 9372 | FLORANCE | 04 99 | | S |
| 30 45 9372 | FLORANCE | 05 99 | | S |
| 30 45 9372 | FLORANCE | 06 99 | | S |

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

CMD : ONGARD 01/28/02 13:11:
OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TQ
Page No:

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
Pool Identifier : 71599 BASIN DAKOTA (PRORATED GAS)
API Well No : 30 45 9372 Report Period - From : 01 1996 To : 12 2001

| API Well No | Property Name | Prod. Days MM/YY Prod | Production Volumes Gas Oil Water | We St |
|-------------|---------------|--------------------------|-------------------------------------|----------|
| 30 45 9372 | FLORANCE | 07 99 | | S |
| 30 45 9372 | FLORANCE | 08 99 | | S |
| 30 45 9372 | FLORANCE | 09 99 | | S |
| 30 45 9372 | FLORANCE | 10 99 | | S |
| 30 45 9372 | FLORANCE | 11 99 | | S |
| 30 45 9372 | FLORANCE | 12 99 | | S |
| 30 45 9372 | FLORANCE | 01 00 | | S |

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

| | | | | | |
|-----------|----------|-----------|--------------|-------------|--------------|
| PF01 HELP | PF02 | PF03 EXIT | PF04 GoTo | PF05 | PF06 CONFIRM |
| PF07 BKWD | PF08 FWD | PF09 | PF10 NXTPOOL | PF11 NXTOGD | PF12 |

CMD : ONGARD 01/28/02 13:11:
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TQ
 Page No:

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
 Pool Identifier : 71599 BASIN DAKOTA (PRORATED GAS)
 API Well No : 30 45 9372 Report Period - From : 01 1996 To : 12 2001

| API Well No | Property Name | Prod. Days | | Production Volumes | | | We |
|-------------|---------------|------------|------|--------------------|-----|-------|----|
| | | MM/YY | Prod | Gas | Oil | Water | |
| 30 45 9372 | FLORANCE | 02 | 00 | | | | S |
| 30 45 9372 | FLORANCE | 03 | 00 | | | | S |
| 30 45 9372 | FLORANCE | 04 | 00 | | | | S |
| 30 45 9372 | FLORANCE | 05 | 00 | | | | S |
| 30 45 9372 | FLORANCE | 06 | 00 | | | | S |
| 30 45 9372 | FLORANCE | 07 | 00 | | | | S |
| 30 45 9372 | FLORANCE | 08 | 00 | | | | S |

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

CMD : ONGARD 01/28/02 13:11:
OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TQ
Page No:

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
Pool Identifier : 71599 BASIN DAKOTA (PRORATED GAS)
API Well No : 30 45 9372 Report Period - From : 01 1996 To : 12 2001

| API Well No | Property Name | Prod. Days MM/YY Prod | Production Volumes Gas Oil Water | We St |
|-------------|---------------|--------------------------|-------------------------------------|----------|
| 30 45 9372 | FLORANCE | 09 00 | | S |
| 30 45 9372 | FLORANCE | 10 00 | | S |
| 30 45 9372 | FLORANCE | 11 00 | | S |
| 30 45 9372 | FLORANCE | 12 00 | | S |
| 30 45 9372 | FLORANCE | 01 01 | | S |
| 30 45 9372 | FLORANCE | 02 01 | | S |
| 30 45 9372 | FLORANCE | 03 01 | | F |

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM
PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

CMD :
OG6IPRD

ONGARD
INQUIRE PRODUCTION BY POOL/WELL

01/28/02 13:11:
OGOMES -TQ
Page No: 1

OGRID Identifier :
Pool Identifier :
API Well No

778 BP AMERICA PRODUCTION COMPANY
71599 BASIN DAKOTA (PRORATED GAS)
: 30 45 9372 Report Period - From : 01 1996 To : 12 2001

| API Well No | | | Property Name | Prod. | Days | Production Volumes | | | We |
|-------------|----|------|---------------|-------|------|--------------------|-----|-------|----|
| | | | | MM/YY | Prod | Gas | Oil | Water | St |
| 30 | 45 | 9372 | FLORANCE | 04 | 01 | | | | S |
| 30 | 45 | 9372 | FLORANCE | 05 | 01 | | | | F |
| 30 | 45 | 9372 | FLORANCE | 06 | 01 | | | | S |

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP

PF02

PF03 EXIT

PF04 GoTo

PF05

PF06 CONFIRM

PF07 BKWD

PF08 FWD

PF09

PF10 NXTPOOL

PF11 NXTOGD

PF12

—

Mary Corley
Senior Regulatory Analyst
San Juan Performance Unit
281-366-4491

Stogner, Michael

From: Stogner, Michael
Sent: Monday, January 28, 2002 12:52 PM
To: Hayden, Steven
Subject: FW: NSL Application - Florance 2M



Adminstrative
Checklist.doc



NSL Cover
Letter.doc



NSL
Documentation.ppt

Forwarding to you for official response from Aztec

district office.

ms

-----Original Message-----

From: Corley, Mary L [mailto:corleyml@bp.com]
Sent: Thursday, January 24, 2002 10:27 AM
To: Michael' 'Stogner (E-mail)
Cc: Steven Hayden (E-mail)
Subject: NSL Application - Florance 2M

Michael,
I offer for your consideration an application for a Non-Standard well location for our Florance 2M well. In support of our request please find the appropriate documentation attached:

Administrative Checklist
Application Cover Letter
Documents to support NSL request

Should you have any questions concerning this matter please do not hesitate to ask.

Thank you,

<<Adminstrative Checklist.doc>> <<NSL Cover Letter.doc>> <<NSL
Documentation.ppt>>

Mary Corley
Senior Regulatory Analyst
San Juan Performance Unit
281-366-4491