

DATE IN 6/4/01	SUSPENSE 6/25/01	ENGINEER MS	LOGGED W	TYPE NSL
-------------------	---------------------	----------------	-------------	-------------

116549100

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]

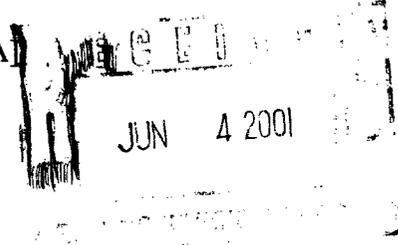
[1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]

- [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      06/01/2001  
 Print or Type Name      Signature      Title      Date

6-12-2001

Talbot w/ Bill  
/ Lewchen

to explain  
our procedures.

~~and to~~  
Gave a verbal

OK on

their

at that

time.

M.S.

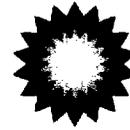
6-11-2001

Talbot w/ Steve / Hayden

Adm. looks O.K. (Board they did it  
right this time)

See Amaco denials of \_\_\_\_\_

M.S.



**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

June 01, 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 U Well No. 6M (30-045-30407)  
1930' FSL, 2400' FEL, Section 23-T30N-R09W  
Basin Dakota Gas Pool  
San Juan County, New Mexico

Amoco hereby requests administrative approval for an unorthodox location for the referenced proposed well due to geologic reasons.

Amoco wants to drill the Florance U 6M 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 second Dakota well in the respective laydown GPU's. Attachments 1 and 2 show the surface topography and existing wells in the 9-section area centered on Section 23. Attachments 3 and 4 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 is not a viable stand-alone project. The Dakota can only be economically developed by deepening a Mesaverde infill well. Our plan for the Florance U 6M 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 account drainage patterns in both horizons.

Attachment 5 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 U 6A. The new well would suffer excessive interference with the Florance U 6A and therefore would be uneconomic to drill.

bp



Attachment 6 shows our estimated drainage pattern for the Dakota reservoir. The nearest offset and only other Dakota well in Section 23 is the inactive Florance U 6. We expect that the proposed well will be outside the drainage area of the Florance U 6.

The proposed unorthodox location for the Dakota completion does not negatively impact correlative rights. The location is within the interior of the south half spacing unit and 710 feet from the nearest lease boundary (N/2 of Section 23). Because the location does not encroach on the outer boundaries of the GPU, we are not adversely affecting the rights of any other owners.

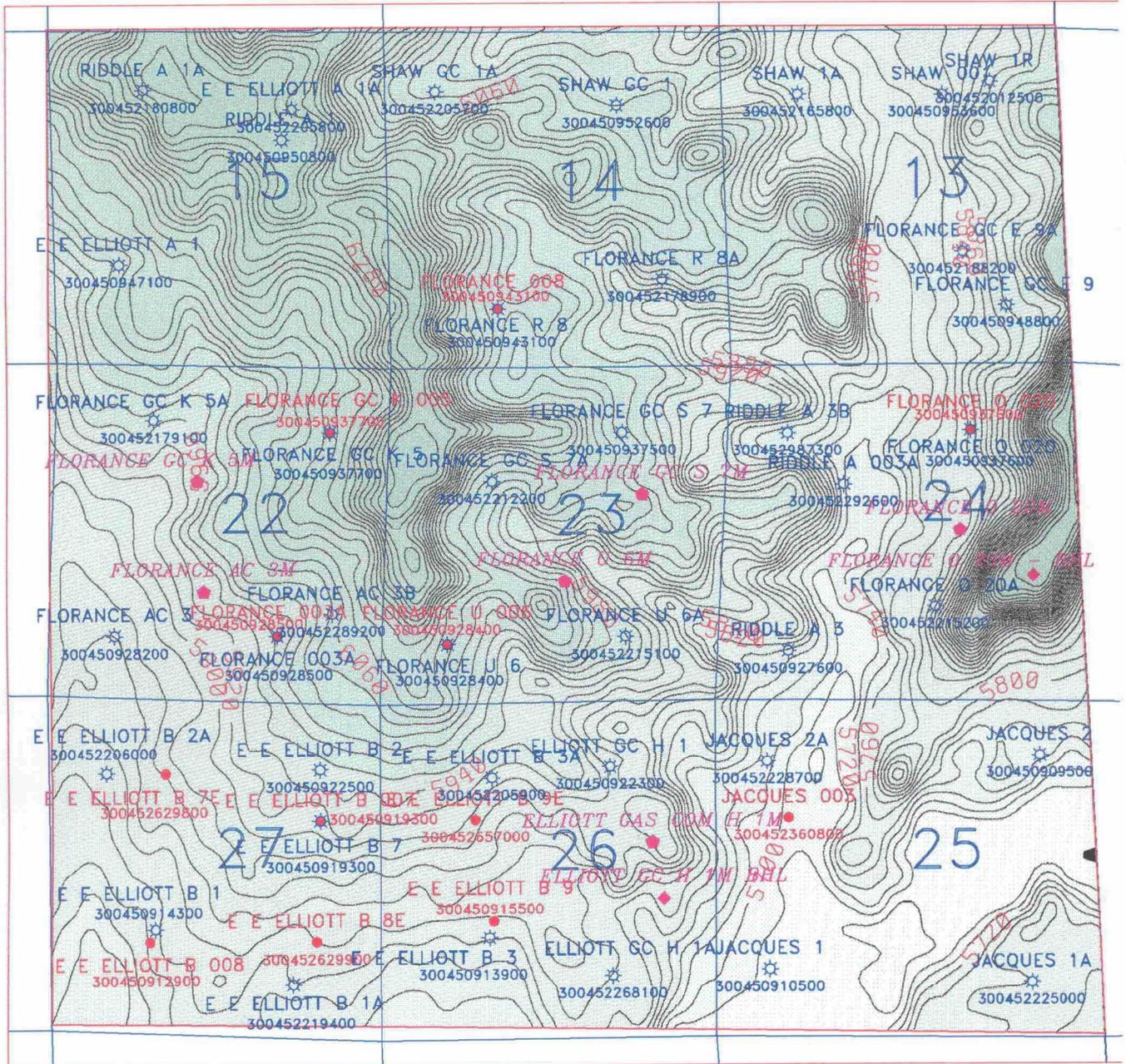
Amoco respectfully requests that a non-standard location for the Basin Dakota Pool be issued for the referenced well for the reasons cited above. If there are any questions concerning this application, please call me at (281) 366-4491 or Bill Hawkins at (303) 830-3259. Geological/reservoir questions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

Sincerely,

A handwritten signature in cursive script that reads "Mary Corley".

Mary Corley  
Sr. Regulatory Analyst  
[corleym@bp.com](mailto:corleym@bp.com)

cc: Frank Chavez  
1000 Rio Brazos Road  
Aztec, NM 87410



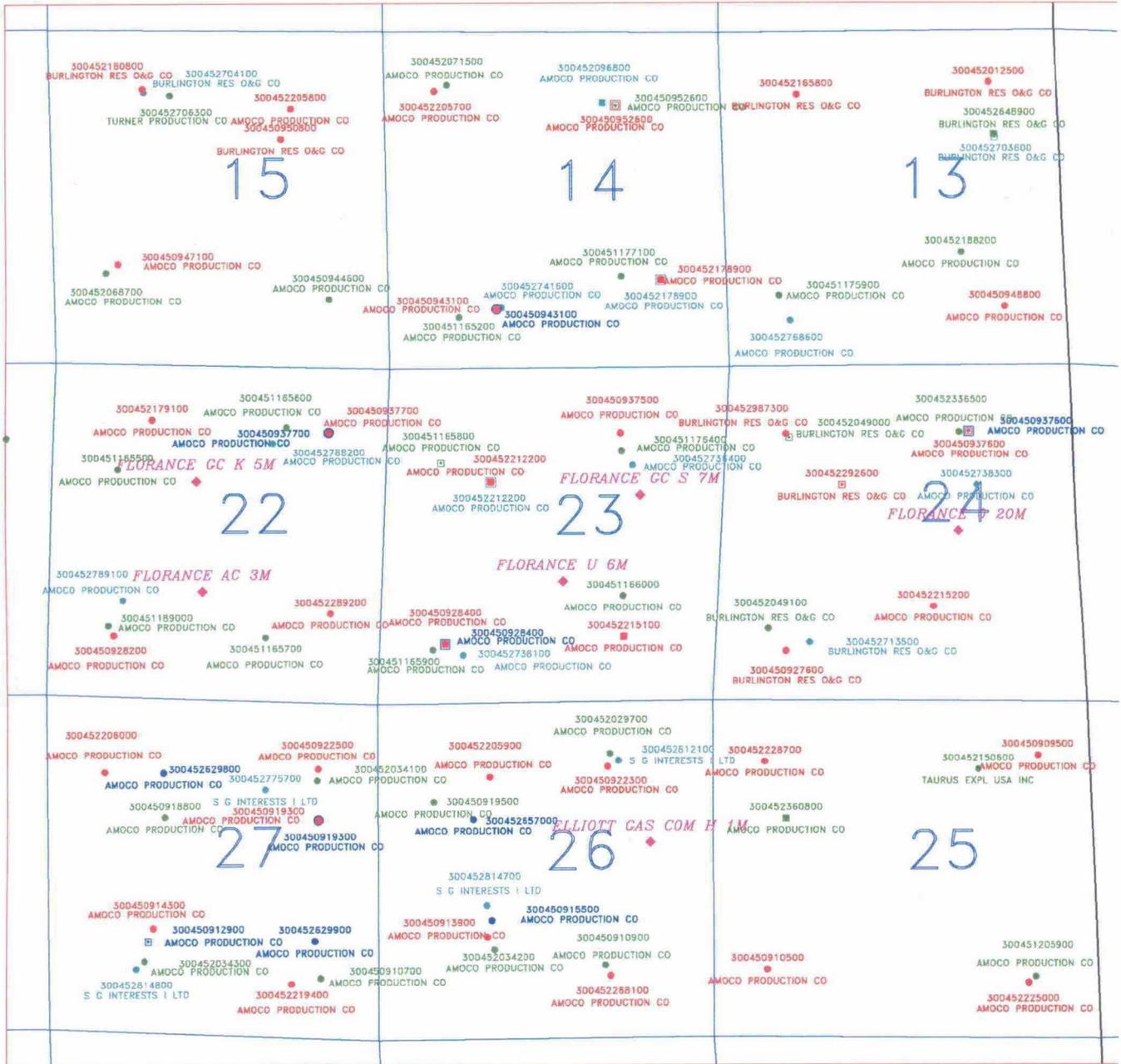
Contour Interval: 20 ft.

- ☆ Mesaverde Well
- Dakota Well
- ◆ 2001 Planned Well – BHL
- ◆ 2001 Planned Well

AMOCO PRODUCTION COMPANY  
HOUSTON, TEXAS

9 Section Plat  
Topography  
30N 9W Section 23

SCALE	DRAWN C. E. SACKETT	DATE 5-FEB-2001
DRAWING		



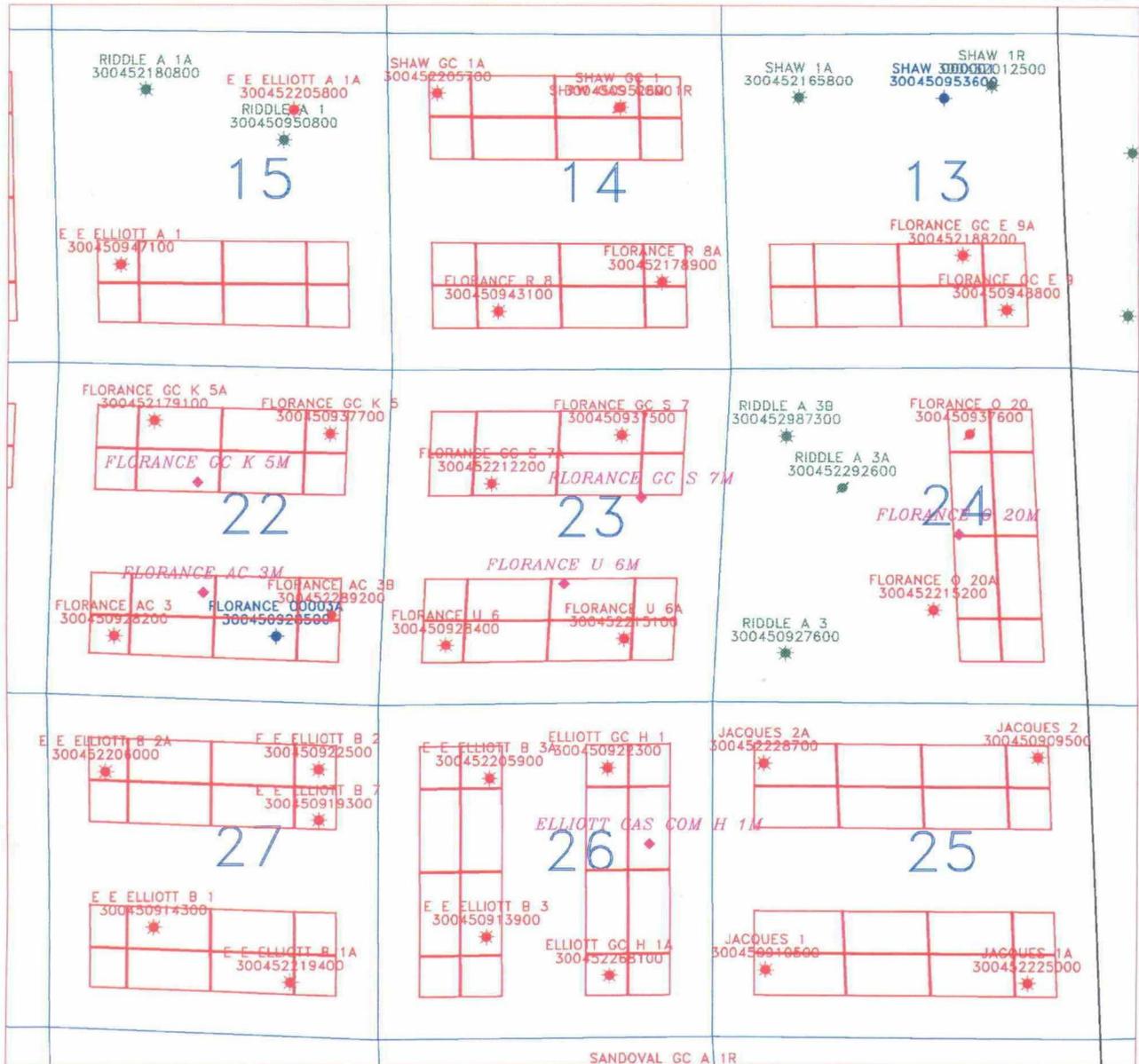
- DAKOTA ACTIVE WELL
- ◻ DAKOTA INACTIVE WELL
- MESAVERDE ACTIVE WELL
- ◻ MESAVERDE INACTIVE WELL
- FRUITLAND COAL ACTIVE WELL
- ◻ FRUITLAND COAL INACTIVE WELL
- PICTURED CLIFFS ACTIVE WELL
- ◻ PICTURED CLIFFS INACTIVE WELL
- ◆ Proposed 2001 Location

AMOCO PRODUCTION COMPANY  
HOUSTON, TEXAS

9 Section Plat

30N 9W Section 23

SCALE	DRAWN C. E. SACKETT	DATE 15-MAY-2001
DRAWING		



**WELL SYMBOL LEGEND**

- ☀ Active Well
- P&A Well
- ⦿ Inactive or S/I Well

**COLOR LEGEND**

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

**Special Well Legend**

- ◆ Proposed 2001 Location

AMOCO PRODUCTION COMPANY  
HOUSTON, TEXAS

*9 Section Plat*  
*30N 9W Section 23*  
Mesaverde Wells and Drilling Windows

SCALE	DRAWN C. E. SACKETT	DATE 15-MAY-2001
DRAWING		



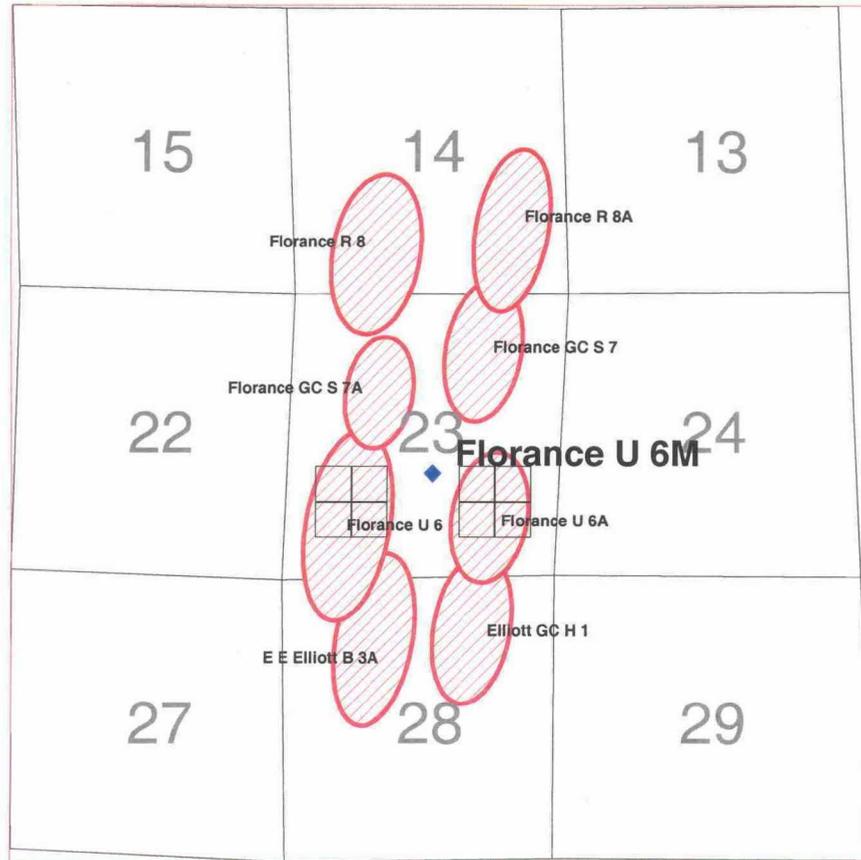
WELL SYMBOL LEGEND	
	Active Well
	P&A Well
	Inactive or S/I Well
COLOR LEGEND	
<span style="color: red;">■</span>	Amoco/Vastar Operated
<span style="color: blue;">■</span>	Burlington Operated
<span style="color: green;">■</span>	Conoco Operated
<span style="color: purple;">■</span>	Other Co. Operated
<span style="color: pink;">◆</span>	Special Well Legend
<span style="color: red;">◆</span>	2001 Planned Location

AMOCO PRODUCTION COMPANY  
HOUSTON, TEXAS

9 Section Plat  
30N 9W Section 23  
Dakota Wells and Drilling Windows

SCALE	DRAWN C. E. SACKETT	DATE 15-MAY-2001
DRAWING		

Florance U 6M Non-Standard Location Application  
Blanco Mesaverde Reservoir Drainage Pattern

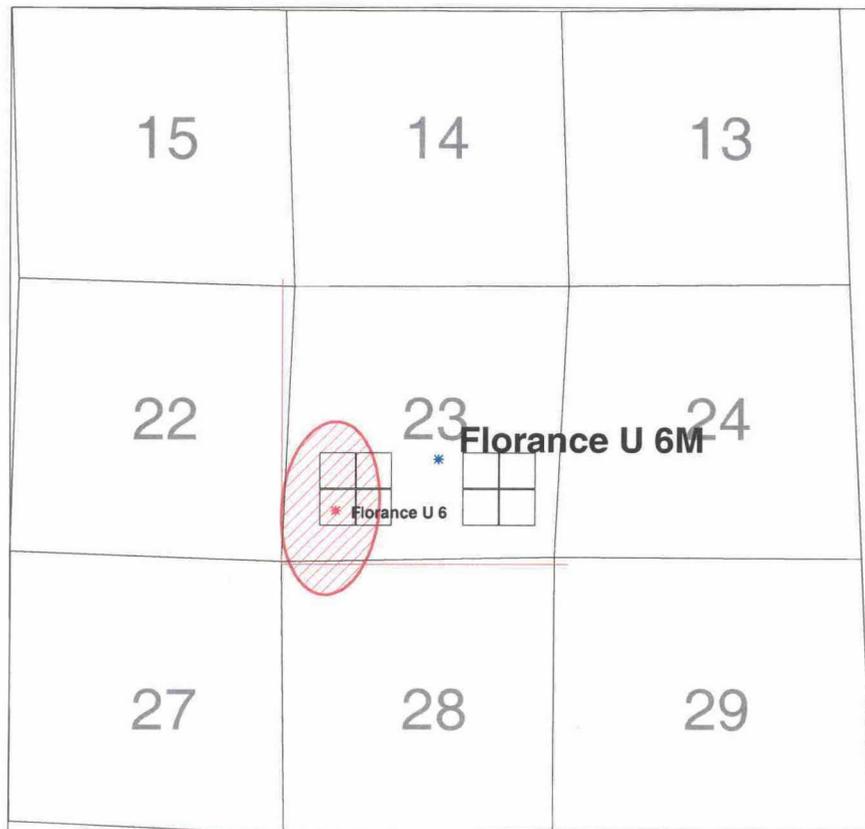


The drainage ellipses shown above depict the areas that are being efficiently drained by the current Mesaverde wells on 160-acre well spacing. The ellipses were determined by a 3-dimensional, multi-layer reservoir simulation of the Mesaverde reservoir. The reservoir simulator honors the generally accepted NNE-SSW natural fracture pattern in the Basin that results in elliptical drainage areas (*Harstad, Teufel, and Lorenz*). Areas outside of the ellipses are not being efficiently drained by the present well pattern. The optimum location for a Mesaverde infill well is at the maximum offset distance from existing wells and outside of the drainage ellipses.

Also shown are the boundaries of the well location requirements for a standard Basin Dakota well in per Order # R-10987-B. In the case of the proposed Florance U 6M, which is planned to be completed as a commingled Mesaverde/Dakota producer, the optimum location for the well in the Blanco Mesaverde places the well at a non-standard location for the Basin Dakota. If the Florance U 6M were drilled at a standard Dakota location in the SE/4 of section 23, it would be located within the drainage ellipse of the Florance U 6A and would cause excessive interference with this well. The new well would not be economic due to this excessive interference.

Florance U 6M Application for Non-Standard Basin Dakota Location  
in the S/2 of Section 23 T30N R9W.

Basin Dakota Drainage Pattern



The estimated drainage area for the Florance U 6, the only well completed in the Basin Dakota in Section 23, is shown above. The Florance U 6 produced 0.49 BCF from the Dakota before the zone was abandoned in 1989. The drainage area was determined by a 3-dimensional, single-layer simulation of the Dakota reservoir. The estimated size of the Florance U 6 drainage area is 105 acres.

The proposed location of the Florance U 6M is outside the Florance U 6 drainage area. We expect that the Florance U 6M will encounter original or close to original pressure in the Basin Dakota. We also expect it will drain an area similar in size and shape to that drained by Florance U 6.

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

<sup>1</sup> API Number		<sup>2</sup> Pool Code <b>71599 &amp; 72319</b>		<sup>3</sup> Pool Name <b>Basin Dakota &amp; Blanco Mesaverde</b>	
<sup>4</sup> Property Code <b>000553</b>		<sup>5</sup> Property Name <b>FLORANCE U</b>			<sup>6</sup> Well Number <b>6M</b>
<sup>7</sup> OGRID No. <b>000778</b>		<sup>8</sup> Operator Name <b>AMOCO PRODUCTION COMPANY</b>			<sup>9</sup> Elevation <b>5983</b>

<sup>10</sup> Surface Location

UL or Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>J</b>	<b>23</b>	<b>30 N</b>	<b>9 W</b>		<b>1930</b>	<b>SOUTH</b>	<b>2400</b>	<b>EAST</b>	<b>SAN JUAN</b>

<sup>11</sup> Bottom Hole Location If Different From Surface

<sup>7</sup> UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

<sup>12</sup> Dedicated Acres <b>320.00</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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

<div data-bbox="94 978 1096 1993"> </div>	<p><sup>17</sup> OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Mary Corley</i>        Signature  <b>Mary Corley</b>        Printed Name  <b>Sr. Regulatory Analyst</b>        Title  <b>02/19/2001</b>        Date</p>
	<p><sup>18</sup> 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><b>November 24, 2000</b>        Date of Survey        Signature and Seal of Professional Surveyor</p> <p>  <b>7016</b>        Certificate Number</p>

CMD :  
OG5SECT

ONGARD  
INQUIRE LAND BY SECTION

07/07/01 14:33:32  
OGOMES -TPEN  
PAGE NO: 1

Sec : 23 Twp : 30N Rng : 09W Section Type : NORMAL

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

PF01 HELP    PF02            PF03 EXIT    PF04 GoTo    PF05            PF06  
PF07 BKWD   PF08 FWD      PF09 PRINT   PF10 SDIV     PF11            PF12

CMD :  
OG5SECT

ONGARD  
INQUIRE LAND BY SECTION

07/07/01 14:33:37  
OGOMES -TPEN  
PAGE NO: 2

Sec : 23 Twp : 30N Rng : 09W Section Type : NORMAL

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

PF01 HELP    PF02    PF03 EXIT    PF04 GoTo    PF05    PF06  
PF07 BKWD    PF08 FWD    PF09 PRINT    PF10 SDIV    PF11    PF12

CMD : ONGARD 07/07/01 14:33:57  
OG6C101 C101-APPLICATION FOR PERMIT TO DRILL OGOMES -TPEN

OGRID Idn : 778 ~~API~~ Well No: 30 45 30407 APD Status(A/C/P): A  
Opr Name, Addr: AMOCO PRODUCTION CO Aprvl/Cncl Date : 03-02-2001  
PO BOX 22048  
TULSA,OK 74121

Prop Idn: 553 FLORANCE U Well No: 6 M

	U/L	Sec	Township	Range	Lot Idn	North/South	East/West
Surface Locn :	J	23	30N	09W		FTG 1930 F S	FTG 2400 F E
OCD U/L :	J	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) : F  
Lease typ(F/S/P/N/J/U/I): F Ground Level Elevation : 5983

State Lease No: Multiple Comp (S/M/C) : M  
Prpsd Depth : 7419 Prpsd Frmtn : BASIN DK/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 : ONGARD 07/07/01 14:34:09  
OG6IWCM INQUIRE WELL COMPLETIONS OGOMES -TPEN

API Well No : ~~30-45-9284~~ Eff Date : 01-01-1900 WC Status : A  
Pool Idn : ~~71599~~ BASIN DAKOTA (PRORATED GAS)  
OGRID Idn : 778 AMOCO PRODUCTION CO  
Prop Idn : ~~553~~ FLORENCE U\*

Well No : ~~006~~  
GL Elevation: 6069

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
B.H. Locn	: M	23	30N	09W	FTG 990 F S	FTG 990 F W	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 07/07/01 14:34:52  
OG6ACRE C102-DEDICATE ACREAGE OGOMES -TPEN

Page No : 1

API Well No : 30 45 9284 Eff Date : 04-30-1991  
Pool Idn : 71599 BASIN DAKOTA (PRORATED GAS)  
Prop Idn : 553 FLORANCE U Well No : 006  
Spacing Unit : 30502 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
		I	23	30N	09W	40.00	N	FD	
		J	23	30N	09W	40.00	N	FD	
		K	23	30N	09W	40.00	N	FD	
		L	23	30N	09W	40.00	N	FD	
		M	23	30N	09W	40.00	N	FD	
		N	23	30N	09W	40.00	N	FD	
		O	23	30N	09W	40.00	N	FD	
		P	23	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 07/07/01 14:35:02  
OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEN

Page No: 1

OGRID Identifier : 778 AMOCO PRODUCTION CO  
Pool Identifier : 71599 BASIN DAKOTA (PRORATED GAS)  
API Well No : 30 45 9284 Report Period - From : 01 2000 To : 06 2001

API Well No	Property Name	Prod. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 45 9284	FLORANCE U	01 00		S
30 45 9284	FLORANCE U	02 00		S
30 45 9284	FLORANCE U	03 00		S
30 45 9284	FLORANCE U	04 00		S
30 45 9284	FLORANCE U	05 00		S
30 45 9284	FLORANCE U	06 00		S
30 45 9284	FLORANCE U	07 00		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 : ONGARD 07/07/01 14:35:04  
OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEN

Page No: 2

OGRID Identifier : 778 AMOCO PRODUCTION CO  
Pool Identifier : 71599 BASIN DAKOTA (PRORATED GAS)  
API Well No : 30 45 9284 Report Period - From : 01 2000 To : 06 2001

API Well No	Property Name	Prod. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 45 9284	FLORANCE U	08 00		S
30 45 9284	FLORANCE U	09 00		S
30 45 9284	FLORANCE U	10 00		S
30 45 9284	FLORANCE U	11 00		S
30 45 9284	FLORANCE U	12 00		S
30 45 9284	FLORANCE U	01 01		S
30 45 9284	FLORANCE U	02 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

CMD : ONGARD 07/07/01 14:35:06  
OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEN  
Page No: 3

OGRID Identifier : 778 AMOCO PRODUCTION CO  
Pool Identifier : 71599 BASIN DAKOTA (PRORATED GAS)  
API Well No : 30 45 9284 Report Period - From : 01 2000 To : 06 2001

---

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 45 9284	FLORANCE U	03 01		S
30 45 9284	FLORANCE U	04 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

CMD :  
OG6IWCM

ONGARD  
INQUIRE WELL COMPLETIONS

07/07/01 14:34:14  
OGOMES -TPEN

API Well No : 30 45 9284 Eff Date : 01-01-1900 WC Status : A  
Pool Idn : 72319 BLANCO-MESAVERDE (PRORATED GAS)  
OGRID Idn : 778 AMOCO PRODUCTION CO  
Prop Idn : 553 FLORANCE U

Well No : 006  
GL Elevation: 6069

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
B.H. Locn	M	23	30N	09W	FTG 990 F S	FTG 990 F W	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 07/07/01 14:34:29  
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEN

Page No: 1

OGRID Identifier : 778 AMOCO PRODUCTION CO  
 Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)  
 API Well No : 30 45 9284 Report Period - From : 01 2000 To : 06 2001

API Well No	Property Name	Prod. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 45 9284	FLORANCE U	01 00 31	5209 25 30	F
30 45 9284	FLORANCE U	02 00 14	9727 45 55	F
30 45 9284	FLORANCE U	03 00 17	9491 1 80	F
30 45 9284	FLORANCE U	04 00 30	8288 2 40	F
30 45 9284	FLORANCE U	05 00 31	6072 45	F
30 45 9284	FLORANCE U	06 00 30	9320 30	F
30 45 9284	FLORANCE U	07 00 31	9146 1 30	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 07/07/01 14:34:31  
OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEN

Page No: 2

OGRID Identifier : 778 AMOCO PRODUCTION CO  
Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)  
API Well No : 30 45 9284 Report Period - From : 01 2000 To : 06 2001

API Well No	Property Name	Prodn. MM/YY	Days Prod	Production Gas	Oil	Water	Well Stat
30 45 9284	FLORANCE U	08 00	31	8342	21	60	F
30 45 9284	FLORANCE U	09 00	30	8173	13		F
30 45 9284	FLORANCE U	10 00	31	9077	3	20	F
30 45 9284	FLORANCE U	11 00	30	8406	109	80	F
30 45 9284	FLORANCE U	12 00	31	8319	13		F
30 45 9284	FLORANCE U	01 01	31	8624	22	80	F
30 45 9284	FLORANCE U	02 01	28	8130	4	40	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 07/07/01 14:34:33  
OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEN  
Page No: 3

OGRID Identifier : 778 AMOCO PRODUCTION CO  
Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)  
API Well No : 30 45 9284 Report Period - From : 01 2000 To : 06 2001

API Well No	Property Name	Prodn. MM/YY	Days Prod	Production Volumes Gas	Oil	Water	Well Stat
30 45 9284	FLORANCE U	03 01	31	8755	9	80	F
30 45 9284	FLORANCE U	04 01	30	8209	25		F

Reporting Period Total (Gas, Oil) :	133288	338	625
-------------------------------------	--------	-----	-----

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

07/07/01 14:35:28  
OGOMES -TPEN

API Well No : 30 45 22151 Eff Date : 04-01-1977 WC Status : A  
Pool Idn : 72319 BLANCO-MESAVERDE (PRORATED GAS)  
OGRID Idn : 778 AMOCO PRODUCTION CO  
Prop Idn : 553 FLORANCE U

Well No : 006A  
GL Elevation: 5870

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
B.H. Locn	: O	23	30N	09W	FTG 1057 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) :

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

CMD : ONGARD 07/07/01 14:35:33  
 OG6ACRE C102-DEDICATE ACREAGE OGOMES -TPEN

Page No : 1

API Well No : 30 45 22151 Eff Date : 04-30-1991  
 Pool Idn : 72319 BLANCO-MESAVERDE (PRORATED GAS)  
 Prop Idn : 553 FLORANCE U Well No : 006A  
 Spacing Unit : 34148 OCD Order : Simultaneous Dedication:  
 Sect/Twp/Rng : Acreage : 320.00 Revised C102? (Y/N) :  
 Dedicated Land:

S	Base	U/L	Sec	Twp	Rng	Acreeage	L/W	Ownership	Lot Idn
		I	23	30N	09W	40.00	N	FD	
		J	23	30N	09W	40.00	N	FD	
		K	23	30N	09W	40.00	N	FD	
		L	23	30N	09W	40.00	N	FD	
		M	23	30N	09W	40.00	N	FD	
		N	23	30N	09W	40.00	N	FD	
		O	23	30N	09W	40.00	N	FD	
		P	23	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 07/07/01 14:35:53  
OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEN  
Page No: 1

OGRID Identifier : 778 AMOCO PRODUCTION CO  
Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)  
API Well No : 30 45 22151 Report Period - From : 01 2000 To : 06 2001

API Well No	Property Name	Prodn. MM/YY	Days Prod	Production Volumes Gas	Oil	Water	Well Stat
30 45 22151	FLORANCE U	01 00	31	3766	7		F
30 45 22151	FLORANCE U	02 00	29	3926	10		F
30 45 22151	FLORANCE U	03 00	31	5464	7		F
30 45 22151	FLORANCE U	04 00	30	4949	8		F
30 45 22151	FLORANCE U	05 00	31	4246	20	30	F
30 45 22151	FLORANCE U	06 00	30	2627	2	10	F
30 45 22151	FLORANCE U	07 00	31	5215	3		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 07/07/01 14:35:56  
OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEN  
Page No: 2

OGRID Identifier : 778 AMOCO PRODUCTION CO  
Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)  
API Well No : 30 45 22151 Report Period - From : 01 2000 To : 06 2001

API Well No	Property Name	Prodn. MM/YY	Days Prod	Production Volumes Gas	Oil	Water	Well Stat
30 45 22151	FLORANCE U	08 00	31	5557		40	F
30 45 22151	FLORANCE U	09 00	30	4370	4		F
30 45 22151	FLORANCE U	10 00	31	5001	6		F
30 45 22151	FLORANCE U	11 00	30	3997	19	40	F
30 45 22151	FLORANCE U	12 00	31	4747		10	F
30 45 22151	FLORANCE U	01 01	31	2088	2		F
30 45 22151	FLORANCE U	02 01	28	4937	9		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 07/07/01 14:35:57  
OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEN  
Page No: 3

OGRID Identifier : 778 AMOCO PRODUCTION CO  
Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)  
API Well No : 30 45 22151 Report Period - From : 01 2000 To : 06 2001

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 45 22151	FLORANCE U	03 01 31	4816 1	F
30 45 22151	FLORANCE U	04 01 30	4609	15 F

Reporting Period Total (Gas, Oil) : 70315 98 145

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



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT



**GARY E. JOHNSON**  
Governor  
**Jennifer A. Salisbury**  
Cabinet Secretary

April 23, 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 Order No. R-10987-B, for the Florance "U" Well No. 6-M (API No. 30-045-30407) to be drilled 1930 feet from the South line and 2400 feet from the East line (Unit J) of Section 23, Township 30 North, Range 9 West, NMPM, San Juan County, New Mexico.

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:

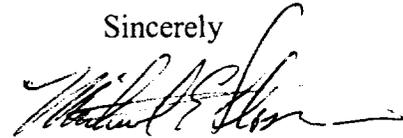
- (1) with the inception of Division Order No. R-10987-B, issued in Case No. 12290 and dated June 30, 2000, most operators have been given an additional 28.10 acres on the surface within a single quarter section to locate Dakota gas wells at a location considered to be standard;
- (2) in instances where 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 this location 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 N/2 SE/4 and SE/4 SE/4 of Section 23 that this well can be drilled that satisfy the minimum setback requirements for Dakota gas wells.

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

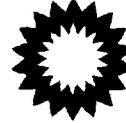


Michael E. Stogner  
Chief Hearing Officer/Engineer

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

108249418 NSL 4/11/01

bp



**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

March 20, 2001

Mr. Michael Stogner  
New Mexico Oil Conservation Division  
2040 S. Pacheco Street  
Santa Fe, NM 87505

RECEIVED  
MAR 22 2001

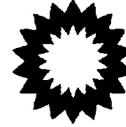
Application For Non-Standard Well Location  
Florance U Well No. 6M (30-045-30407)  
1930' FSL, 2400' FEL, Section 23-T30N-R09W  
Basin Dakota Gas Pool  
San Juan County, New Mexico

Amoco Production Company hereby requests administrative approval for an non-standard well location for our Florance U well no. 6M 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 240' from the west 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. 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. 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.

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.

bp



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

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

<sup>1</sup> API Number		<sup>2</sup> Pool Code		<sup>3</sup> Pool Name	
		71599 & 72319		Basin Dakota & Blanco Mesaverde	
<sup>4</sup> Property Code		<sup>5</sup> Property Name			<sup>6</sup> Well Number
000553		FLORANCE U			6M
<sup>7</sup> OGRID No.		<sup>8</sup> Operator Name			<sup>9</sup> Elevation
000778		AMOCO PRODUCTION COMPANY			5983

<sup>10</sup> Surface Location

UL or Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	23	30 N	9 W		1930	SOUTH	2400	EAST	SAN JUAN

<sup>11</sup> Bottom Hole Location If Different From Surface

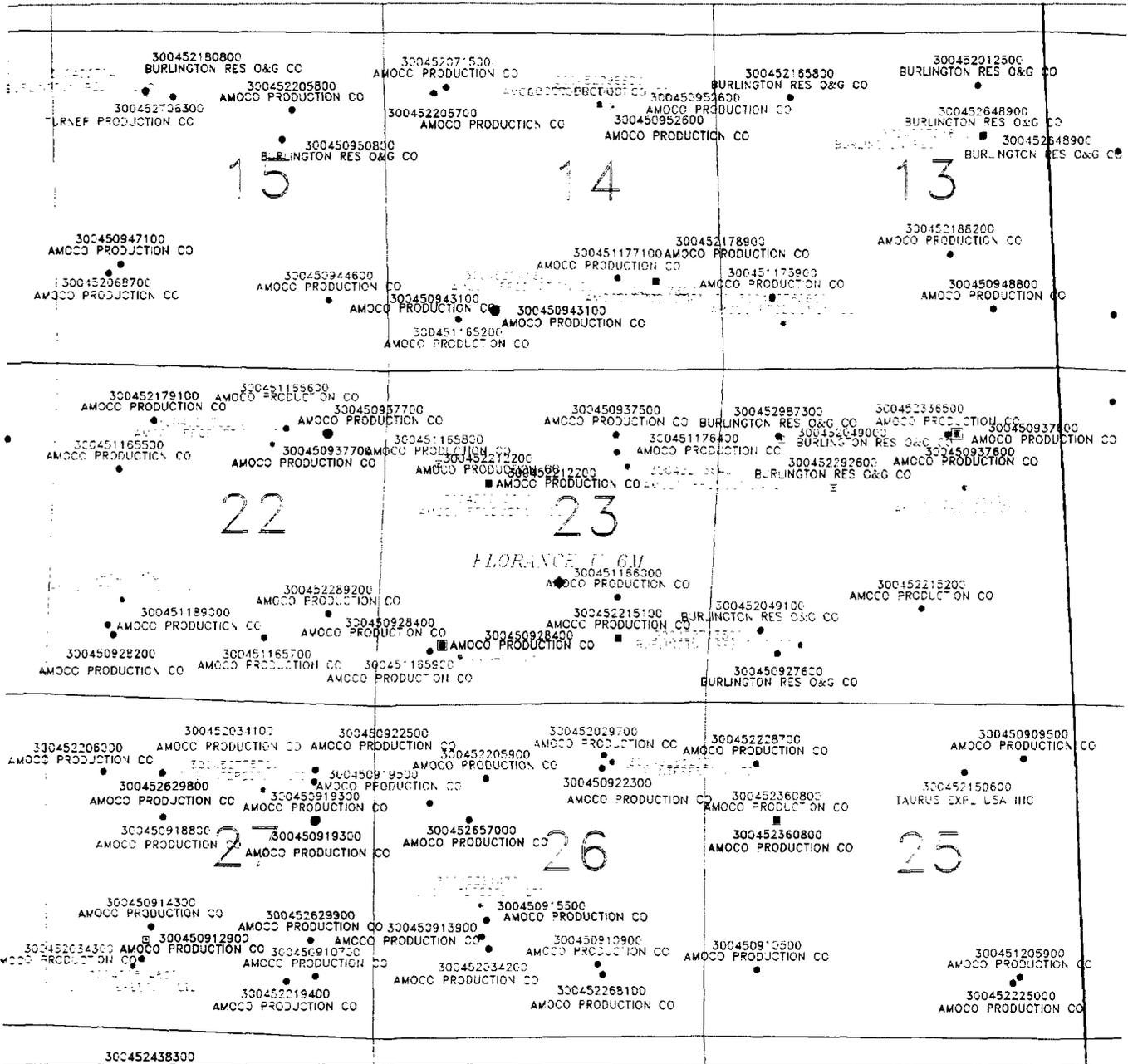
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

<sup>12</sup> Dedicated Acres	<sup>13</sup> Joins or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
320.00			

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><sup>17</sup> OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Mary Conley</i>        Signature        Mary Conley        Printed Name        Sr. Regulatory Analyst        Title        02/19/2001        Date</p>
	<p><sup>18</sup> 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 24, 2000        Date of Survey        Signature and Seal of Professional Surveyor</p> <p>7016        Certificate Number</p>

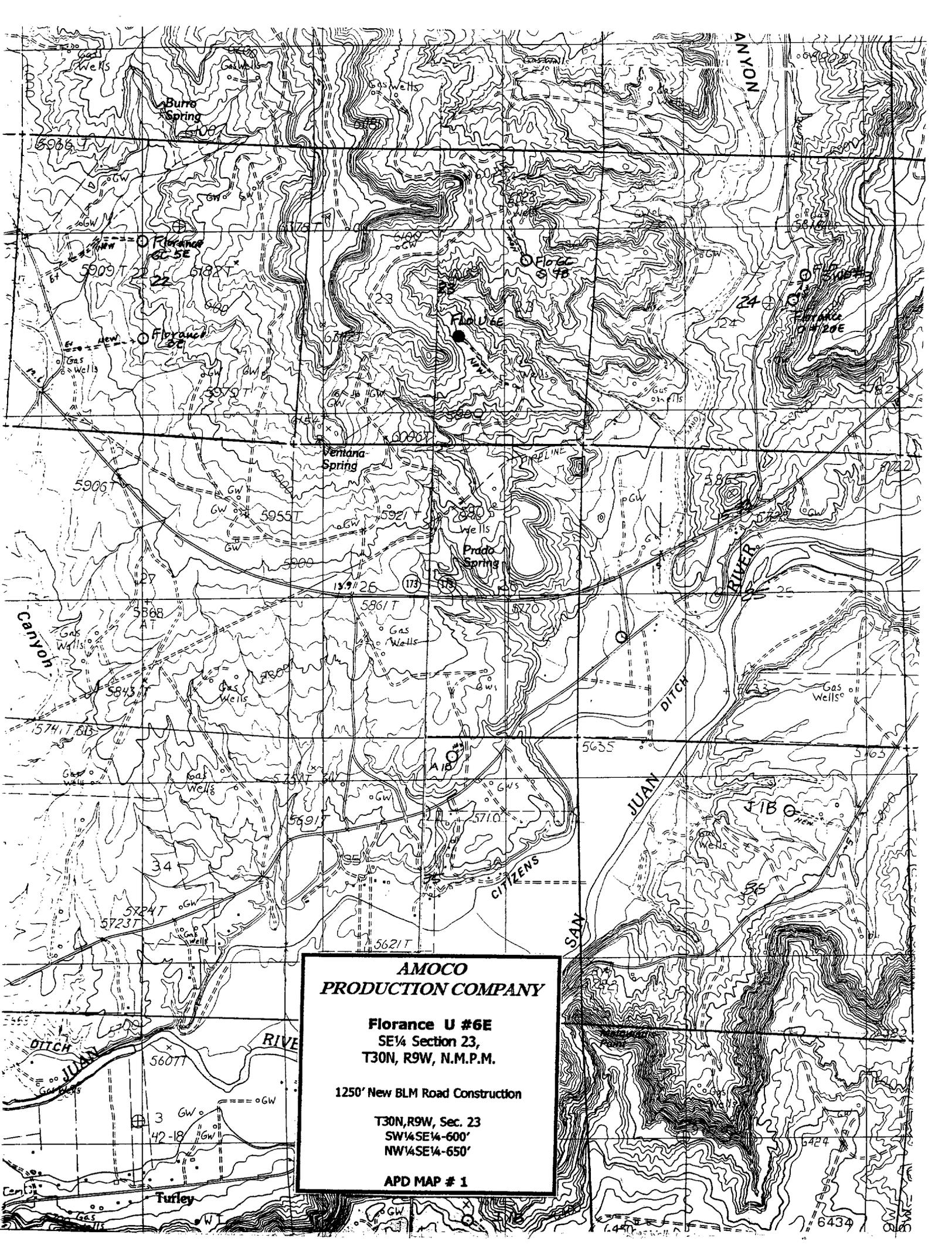
# ILLEGIBLE



- DAKOTA ACTIVE WELL
- ◻ DAKOTA INACTIVE WELL
- MESPERGE ACTIVE WELL
- ◻ MESPERGE INACTIVE WELL
- PICTURED CLIFFS ACTIVE WELL
- ◻ PICTURED CLIFFS INACTIVE WELL

AMOCO PRODUCTION COMPANY HOUSTON, TEXAS		
9 Section Plat		
30N 9W Section 23		
<i>Florance U 6 M</i>		
SCALE	DRAWN C. E. SACKETT	DATE 5-FEB-2001
DRAWING		





**AMOCO  
PRODUCTION COMPANY**

**Florance U #6E  
SE $\frac{1}{4}$  Section 23,  
T30N, R9W, N.M.P.M.**

**1250' New BLM Road Construction**

**T30N, R9W, Sec. 23  
SW $\frac{1}{4}$ SE $\frac{1}{4}$ -600'  
NW $\frac{1}{4}$ SE $\frac{1}{4}$ -650'**

**APD MAP # 1**

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

5. LEASE DESIGNATION AND SERIAL NO.  
**SF - 080005**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.  
**FLORANCE U 6M**

9. API WELL NO.  
**30-045-30907**

10. FIELD AND POOL, OR WILDCAT  
**Basin Dakota/Blanco Mesaverde**

11. SEC., T., R., M., OR BLK AND SURVEY OR AREA  
**SECTION 23 T30N R9W MERIDIAN NMP**

12. COUNTY OR PARISH  
**SAN JUAN**

13. STATE  
**NM**

**APPLICATION FOR PERMIT TO DRILL OR DEEPEN**

1a. TYPE OF WORK      **DRILL**       **DEEPEN**

b. TYPE OF WELL      **OIL WELL**       **GAS WELL**       **OTHER**       **SINGLE ZONE**       **MULTIPLE ZONE**

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

3. ADDRESS AND TELEPHONE NO.      **PHONE 281.366.4491      EXT:**  
**MARY CORLEY      FAX: 281.366.0700**  
**SUBMITTING CONTACT      EMAIL: corleym1@bp.com**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. \*)  
At Surface  
**1930FSL AND 2400FEL NWSE SEC 23 T30N R9W**  
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM THE NEAREST TOWN OR POST OFFICE  
**15 MILES FROM AZTEC, NM**

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any)  
**320.00**

16. NO. ACRES IN LEASE  
**320.00**

17. NO. OF ACRES ASSIGNED TO THIS WELL  
**320.00**

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

19. PROPOSED DEPTH  
**7419 MD / TVD**

20. ROTARY OR CABLE TOOLS  
**ROTARY**

21. ELEVATIONS ( Show whether DF, RT, GR, etc.)  
**5983 GL**

22. APPROX. DATE WORK WILL START\*  
**04/10/2001**

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 12-07-2000 as Florance U #6E. Please change well number to 6M. Amoco Production Company respectfully request permission to drill the subject well to a total depth of approximately 7419', 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. In support of our application for permit to drill we have attached 8 documents (1 .doc and 7 .pdf files).

proposed program pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.

SEE 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 #2689 VERIFIED BY THE BLM WELL INFORMATION SYSTEM FOR AMOCO PRODUCTION COMPANY SENT TO THE FARMINGTON FIELD OFFICE**

SIGNED MARY CORLEY TITLE SUBMITTING CONTACT DATE 02/19/2001

PERMIT NO \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

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 *[Signature]* DATE 3/1/01  
**OPERATOR**

CMD :  
OG5SECT

ONGARD  
INQUIRE LAND BY SECTION

04/17/01 13:58:25  
OGOMES -TQMZ  
PAGE NO: 1

Sec : 23 Twp : 30N Rng : 09W Section Type : NORMAL

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

PF01 HELP    PF02            PF03 EXIT    PF04 GoTo    PF05            PF06  
PF07 BKWD   PF08 FWD      PF09 PRINT   PF10 SDIV     PF11            PF12

CMD :  
OG5SECT

ONGARD  
INQUIRE LAND BY SECTION

04/17/01 13:58:29  
OGOMES -TQM2  
PAGE NO: 2

Sec : 23 Twp : 30N Rng : 09W Section Type : NORMAL

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

PF01 HELP  
PF07 BKWD

PF02  
PF08 FWD

PF03 EXIT  
PF09 PRINT

PF04 GoTo  
PF10 SDIV

PF05  
PF11

PF06  
PF12

CMD : ONGARD 04/17/01 13:59:00  
OG6C101 C101-APPLICATION FOR PERMIT TO DRILL OGOMES -TQMZ

OGRID Idn : 778 API Well No: 30 45 30407 APD Status(A/C/P): A  
Opr Name, Addr: AMOCO PRODUCTION CO Aprvl/Cncl Date : 03-02-2001  
PO BOX 22048  
TULSA,OK 74121

Prop Idn: 553 FLORANCE U Well No: 6 M

	U/L	Sec	Township	Range	Lot	Idn	North/South	East/West
	---	---	-----	-----	-----	-----	-----	-----
Surface Locn :	J	23	30N	09W			FTG 1930 F S	FTG 2400 F E
OCD U/L :	J		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) : F  
Lease typ(F/S/P/N/J/U/I): F Ground Level Elevation : 5983

State Lease No: Multiple Comp (S/M/C) : M  
Prpsd Depth : 7419 Prpsd Frmtn : BASIN DK/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