

LAW OFFICES

**TANSEY, ROSEBROUGH, GERDING & STROTHER, P.C.**

621 WEST ARRINGTON  
FARMINGTON, NEW MEXICO 87401  
TELEPHONE: (505) 325-1801

RECEIVED  
DIVISION

OF COUNSEL  
Charles M. Tansey

October 2, 1992

'92 OCT 5 PM 9 49 TELECOPIER:  
(505) 325-4675

Douglas A. Echols  
Richard L. Gerding  
Connie R. Martin  
Michael T. O'Loughlin  
James B. Payne  
Tommy Roberts  
Haskell D. Rosebrough  
Robin D. Strother  
Karen L. Townsend

Mailing Address:  
P. O. Box 1020  
Farmington, N.M. 87499

State of New Mexico  
Energy, Minerals and Natural  
Resources Department  
New Mexico Oil Conservation Division  
P.O. Box 2088  
Santa Fe, New Mexico 87501-2088

10586

Attn: William J. Lemay, Director

Re: Applications for Compulsory Pooling  
SG Interests I, Ltd.  
San Juan County, New Mexico

Gentlemen:

Enclosed please find Applications for Compulsory Pooling  
filed on behalf of SG Interests I, Ltd. for the following lands,  
all located in San Juan County, New Mexico:

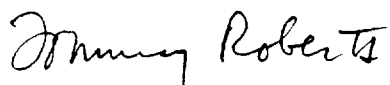
- 1) N/2 of Section 2, Township 29 North, Range 9 West
- 2) S/2 of Section 2, Township 29 North, Range 9 West
- 3) S/2 of S/2 of Section 19 and N/2 of Section 30,  
Township 29 North, Range 9 West
- 4) E/2 of Section 15, Township 29 North, Range 10 West
- 5) N/2 of Section 21, Township 29 North, Range 10 West
- 6) S/2 of Section 22, Township 29 North, Range 10 West
- 7) E/2 of Section 27, Township 29 North, Range 10 West
- 8) E/2 of Section 31, Township 29 North, Range 10 West
- 9) W/2 of Section 26, Township 29 North, Range 11 West
- 10) ~~E/2 of Section 30, Township 30 North, Range 8 West~~

State of New Mexico  
Oil Conservation Division  
Page 2  
October 2, 1992

- 11) S/2 of Section 17, Township 30 North, Range 9 West
- 12) E/2 of Section 18, Township 30 North, Range 9 West
- 13) S/2 of Section 25, Township 30 North, Range 9 West
- 14) N/2 of Section 25, Township 30 North, Range 9 West

Please place these applications on the October 29th, 1992 docket of the New Mexico Oil Conservation Division. Please advise should you require any additional information.

Sincerely,



---

Tommy Roberts,  
Attorney for  
SG Interests I, Ltd.

TR:tlm

cc: Supervisor, District III Office  
New Mexico Oil Conservation Division  
1000 Rio Brazos Road  
Aztec, New Mexico 87410

cc: James B. Fullerton,  
Consulting Landman on behalf  
of SG Interests I, Ltd.  
1645 Court Place, Suite 406  
Denver, Colorado 80202

LAW OFFICES

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OIL CONSERVATION DIVISION  
RECEIVED

OF COUNSEL  
Charles M. Tansey

October 2, 1992

'92 OCT 5 PM 9 50

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State of New Mexico  
Energy, Minerals and Natural  
Resources Department  
New Mexico Oil Conservation Division  
P.O. Box 2088  
Santa Fe, New Mexico 87501-2088

*Case 10586*

Attn: William J. Lemay, Director

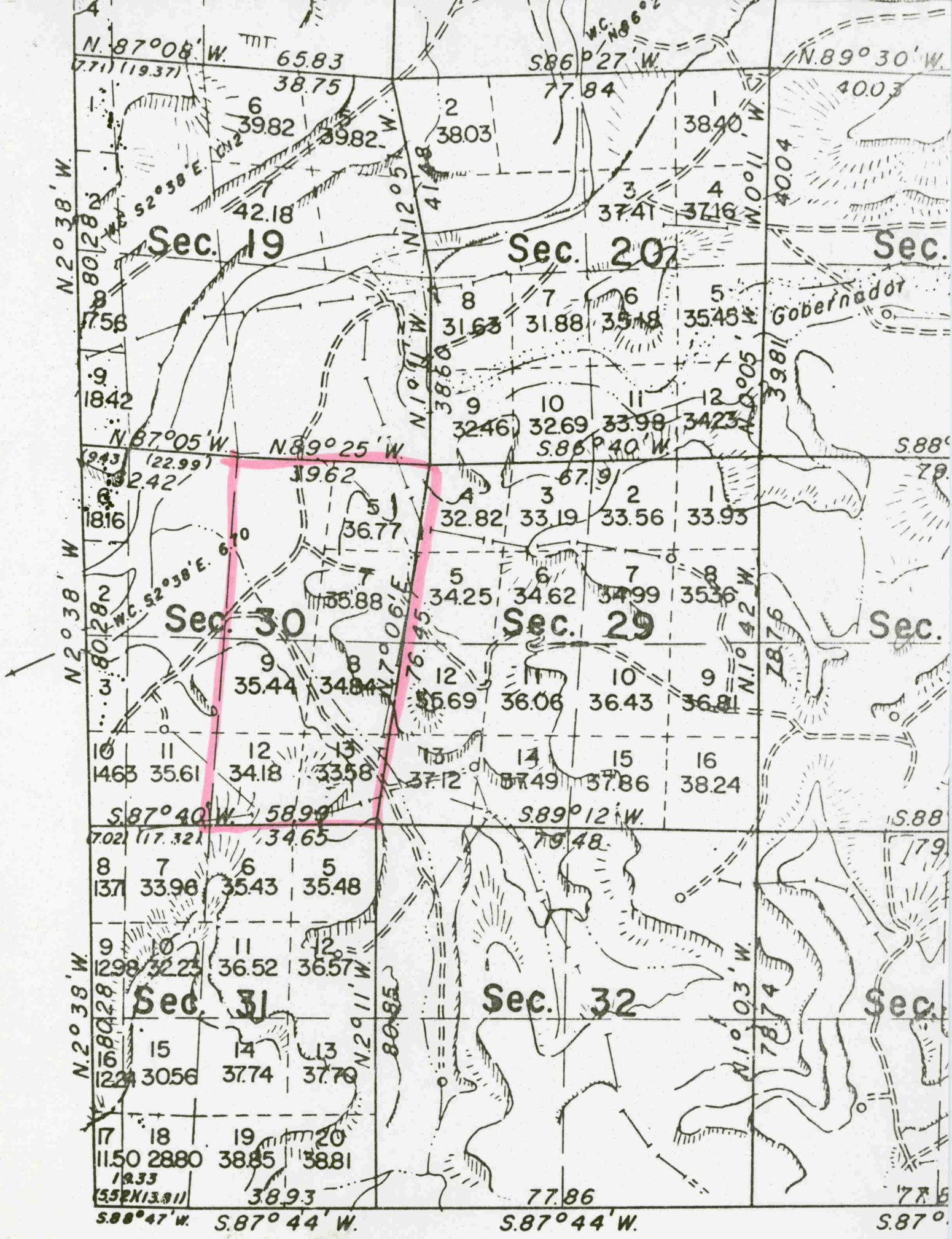
Re: Application for Compulsory Pooling  
SG Interests I, Ltd.  
E/2 of Section 30, Township 30 North, Range 8 West  
San Juan County, New Mexico

Gentlemen:

Please consider this letter the formal application of SG Interests I, Ltd. for an order of the New Mexico Oil Conservation Division force-pooling all mineral interests in the Basin-Fruitland Coal Gas Pool underlying the E/2 of Section 30, Township 30 North, Range 8 West, N.M.P.M., San Juan County, New Mexico, forming an approved non-standard ~~290.68~~ acre coal gas spacing and proration unit for said pool, to be dedicated to its Florance Gas Com G #1 Well to be drilled at a standard coal gas well location 1,190 feet from the north line and 1,490 feet from the east line of said Section 30. SG Interests I, Ltd. requests that such order designate SG Interests I, Ltd. as the operator of the proposed well, and that it provide for the recovery by the joining working interest owners of the cost of drilling, completing, equipping and operating the proposed well, together with a reasonable charge for risk involved in drilling the well. In addition, SG Interests I, Ltd. requests that the order establish a reasonable charge for the supervision of the well during the drilling and production stages.

RANGE 8 Dist


[illegible]



State of New Mexico  
Oil Conservation Division  
Page 2  
October 2, 1992

Please place this application on the October 29th, 1992 docket of the New Mexico Oil Conservation Division. Please advise should you require any additional information.

Sincerely,



---

Tommy Roberts,  
Attorney for  
SG Interests I, Ltd.

TR:tlm

cc: Supervisor, District III Office  
New Mexico Oil Conservation Division  
1000 Rio Brazos Road  
Aztec, New Mexico 87410

cc: James B. Fullerton,  
Consulting Landman on behalf  
of SG Interests I, Ltd.  
1645 Court Place, Suite 406  
Denver, Colorado 80202

Submit 3 Copies  
to Appropriate  
District Office

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form O-102  
Revised 1-1-89

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

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

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

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

WELL API NO.

30-045-27890

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.

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

1. Type of Well:

OIL  
WELL ☐

GAS  
WELL ☒

OTHER

2. Name of Operator

SG Interests I, Ltd. Attn: A. M. O'Hare

3. Address of Operator

PO Box 421, Blanco NM 87412

4. Well Location

Unit Letter B : 1190 Feet From The North Line and 1490 Feet From The East Line

Section 30

Township 30N

Range 8W

NMPM

San Juan

County

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

5694' GR

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐

CHANGE PLANS ☐

PULL OR ALTER CASING ☐

OTHER: Change of Operator ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐

ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐

PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: ☐

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

Amoco Production Company has turned over operatorship, effective immediately, to:

SG Interests I, Ltd.

Attn: A. M. O'Hare

PO Box 421

Blanco NM 87412

RECEIVED  
AUG 6 1992

OIL CON. DIV  
DIST. 3

If there are any questions please contact A. M. O'Hare at 505-325-5599.

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

SIGNATURE

TITLE

DATE

TYPE OR PRINT NAME A. M. O'Hare

TELEPHONE NO 505-325-5599

(This space for State Use)

APPROVED BY

TITLE

DEPUTY OIL & GAS INSPECTOR, DIST. #3

DATE

AUG 6 1992

CONDITIONS OF APPROVAL, IF ANY:

Submit 3 Copies  
to Appropriate  
District Office

OIL CONSERVATION  
RE  
92 JUN 24 AM 5 33

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-103  
Revised 1-1-89

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

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

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

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

WELL API NO.  
30-045-27890

5. Indicate Type of Lease  
STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

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

1. Type of Well:  
OIL WELL ☐ GAS WELL ☒ OTHER

2. Name of Operator  
Amoco Production Company Attn: J.L. Hampton

3. Address of Operator  
P.O. Box 800 Denver, Colorado 80201

4. Well Location  
Unit Letter B : 1190 Feet From The North Line and 1490 Feet From The East Line

Section 30 Township 30N Range 8W NMPM San Juan County

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

5694' GR

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐  
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐  
CASING TEST AND CEMENT JOB ☐  
OTHER: APD Extension ☒

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

Amoco requests an extension on the subject well's APD which will expire on June 18, 1992.

APPROVAL EXPIRES 6-18-92  
UNLESS DRILLING IS COMMENCED.  
SPUD NOTICE MUST BE SUBMITTED  
WITHIN 10 DAYS.

RECEIVED  
JUN 25 1992  
OIL CON. DIV  
DIST. 3

Please contact Ed Hadlock @ (303) 830-4982 if you have any questions.

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

SIGNATURE J.L. Hampton TITLE Sr. Staff Admin. Supr. DATE 6/22/92

TYPE OR PRINT NAME J.L. Hampton TELEPHONE NO.

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT # 3 DATE JUN 25 1992  
CONDITIONS OF APPROVAL, IF ANY:

Submit 3 Copies  
to Appropriate  
District Office

OIL CONSERVATION

RECEIVED

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-103  
Revised 1-1-89

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

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

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL API NO. 30-045-27890
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Florance Gas Com "G"
8. Well No. #1
9. Pool name or Wildcat Basin Fruitland Coal Gas
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 5694' GR

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

1. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER
2. Name of Operator Amoco Production Company Att: J.L. Hampton
3. Address of Operator P.O. Box 800 Denver, Colorado 80201
4. Well Location Unit Letter B : 1190 Feet From The North Line and 1490 Feet From The East Line Section 30 Township 30N Range 8W NMPM San Juan County

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
OTHER: <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
	CASING TEST AND CEMENT JOB <input type="checkbox"/>
	OTHER: APD Extension <input checked="" type="checkbox"/>

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

Amoco requests an extension on the subject well's approved APD which expires on December 18, 1991.

Extension Expires 6-18-92

RECEIVED  
JAN 6 1992  
OIL CON.  
DIST. 3

Please contact Cindy Burton (303) 830-5119 if you have any questions.

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

SIGNATURE John L. Hampton TITLE Sr. Staff Admin. Supr. DATE 1/2/92  
TYPE OR PRINT NAME John L. Hampton TELEPHONE NO. (303) 830-502

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT # 3 DATE JAN 06 1992

CONDITIONS OF APPROVAL, IF ANY:

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

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

DISTRICT III  
1000 Rio Hondo Rd., Aztec, NM 87410

RECEIVED OIL CONSERVATION DIVISION  
BLM P.O. Box 2088  
Santa Fe, New Mexico 87501

WELL API NO. 30-045-27890
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
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11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
OTHER: <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
	CASING TEST AND CEMENT JOB <input type="checkbox"/>
	OTHER: <u>APD Extension</u> <input checked="" type="checkbox"/>

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

Amoco requests an extension on the subject wells approved APD which expires on 6/18/91.

APPROVAL EXPIRES 12-18-91  
UNLESS DRILLING IS COMMENCED.  
SPUD NOTICE MUST BE SUBMITTED  
WITHIN 10 DAYS.

RECEIVED  
JUN 24 1991  
OIL CON. DIV.  
DIST. 3

Please contact Cindy Burton (303)830-5119 if you have any questions.

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

SIGNATURE John Hampton TITLE Sr. Staff Admin. Supr. DATE 6/13/91  
TYPE OR PRINT NAME John Hampton TELEPHONE NO. 303-830-50

(This space for State Use)

APPROVED BY Charles Shoben DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE JUN 24 1991  
CONDITIONS OF APPROVAL, IF ANY:

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

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

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

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

WELL API NO. 30-045-27890
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Florance Gas Com "G"
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10. Elevation (Show whether DF, RKB, RT, GR, etc.) 5694' GR	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
OTHER: <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
	CASING TEST AND CEMENT JOB <input type="checkbox"/>
	OTHER: <u>APD extension</u> <input type="checkbox"/>

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

Amoco requests an extension on the subject well's approved APD.

APPROVAL EXPIRES 6-18-91  
UNLESS DRILLING IS COMMENCED.  
SPUD NOTICE MUST BE SUBMITTED  
WITHIN 10 DAYS.

RECEIVED  
JAN 07 1991  
OIL CON. DIV.  
DIST. 3

Please contact Cindy Burton (303)830-5119 if you have any questions.

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

SIGNATURE John Hampton TITLE Sr. Staff Admin. Supr. DATE 1/4/91  
TYPE OR PRINT NAME John Hampton TELEPHONE NO. 303-830-50

(This space for State Use)

APPROVED BY 5-2-9 TITLE SUPERVISOR DISTRICT # 3 DATE JAN 07 1991  
CONDITIONS OF APPROVAL, IF ANY:

Submit 3 Copies  
to Appropriate  
District Office

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240  
DISTRICT II  
P.O. Drawer DD, Santa Fe, NM 87210  
DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico  
Oil, Gas, Minerals and Natural Resources Department  
OIL CONSERVATION DIVISION  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

Form C-101  
Revised 1-1-89

WELL API NO.
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Florance Gas Com "G"
8. Well No. #1
9. Pool name or Wildcat Basin Fruitland Coal Gas

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3. Address of Operator P.O. Box 800, Denver, Colorado 80201	
4. Well Location Unit Letter <u>B</u> : <u>1190</u> Feet From The <u>North</u> Line and <u>1490</u> Feet From The <u>East</u> Line Section <u>30</u> Township <u>30N</u> Range <u>8W</u> N-M-TM <u>San Juan</u> County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 5694' GR	

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NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
PLUG AND ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
CHANGE PLANS <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>
OTHER: <u>Change in drilling program</u> <input checked="" type="checkbox"/>	OTHER: <input type="checkbox"/>

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

Please see the attached revision to the drilling program changing the subject well from a top-set to a drill-thru into the picture cliffs.

**RECEIVED**  
AUG 2 1990  
OIL CON. DIV.  
DIST. 3

Please contact Cindy Burton<sup>®</sup> (303) 830-5119 if you have any questions

I hereby certify that the information above is true and complete to the best of my knowledge and belief.  
SIGNATURE J. L. Hampton TITLE Sr. Staff Admin. Supr. DATE \_\_\_\_\_  
TYPE OR PRINT NAME John Hampton TELEPHONE NO. 303-830-

(This space for State Use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

SUPERVISOR DISTRICT #

AUG 10 1990

## AMOCO PRODUCTION COMPANY DRILLING AND COMPLETION PROGRAM

Lease & Well # Florance Gas Com G 1 Date: \_\_\_\_\_  
 Field Basin Fruitland Coal Gas Cty/St. San Juan/NM FLAC NO. \_\_\_\_\_  
 Operation Center San Juan  
 Surf. Loc. 1490' FM, 1490' FEL, Sec 30, T30N-R9W BHLOC \_\_\_\_\_  
 Coal Degas # 176

CRITICAL WELL \_\_\_\_\_ NON-CRITICAL WELL \_\_\_\_\_

ORIGINAL \_\_\_\_\_ REVISION # \_\_\_\_\_

SPECIAL SURVEYS

TYPE DEPTH INTERVAL  
 FDC/GR/CAL (TD+1000')-TD  
 Microlog (TD+1000')-TD

REMARKS Run FDC at slow speed high sample rate through bottom 1000' of hole. Bulk Density presentation as per standard coal log format. Customer edit 9 track LIS tape to W.L. Pelzmann in Denver - ASAP

SPECIAL TESTS

None

REMARKS

## APPROXIMATE DEPTHS OF GEOLOGICAL MARKERS

ESTIMATED ELEVATION 5706' KB

MARKER	TVD ELEV.	MEAS. DEPTH
Ojo Alamo	+4346'	1360'
Fruitland #	+3649'	2059'
Pictured Cliffs	+3306'	2400'

TOTAL DEPTH +3506' 2600'

\*POSSIBLE PAY #PROBABLE COMPLETION INTERVAL

DRILL CUTTING SAMPLES	DRILLING TIME
FREQUENCY DEPTH INTERVAL	DEPTH FREQUENCY INTERVAL
None	Geolograph BSC-TD

REMARKS Correct for actual elevation if necessary. The actual total depth will be 200' below the the last coal.

MUD PROGRAM

Approximate Interval	Type Mud	Weight #/Gal.	Viscosity Sec. API	W.I. CC/30M	Other Specifications
0-250'	spud				
250-TD	LSND	8.6-11.0	Sufficient to clean hole and maintain hole conditions for logs.		

Remarks:

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

EST. CASING DEPTH	CASING SIZE	HOLE SIZE	CEMENT	CEMENT	DESCRIP. OF LANDING PT
-------------------	-------------	-----------	--------	--------	------------------------

SURFACE	250'	8 5/8"	12 1/4"	to sfc.	**
---------	------	--------	---------	---------	----

## INTERMEDIATE

OIL STRING	TD	5 1/2"	7 7/8"	to sfc.	**
------------	----	--------	--------	---------	----

## LINER CASING

Remarks: \*\* Operation Center Drilling Engineer to design.

WELLHEAD: 2,000 psi threaded equipment

COMPLETION PROGRAM: Southern Division Coal Degas Group to design

GENERAL REMARKS: This well to be maintained in confidential status.

Prepared by: W. L. Pelzmann, T. R. Enterline, J. L. Spitler, G. E. Gray

Approvals:

PRODUCTION DEPARTMENT	DATE	EXPLORATION DEPARTMENT	DATE
C:CODEGAS2.SHL			

Submit to Appropriate  
District Office  
State Lease - 6 copies  
Fee L-44-3000

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-101  
Revised 1-1-89

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240  
DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

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

API NO. (assigned by OCD on New Wells)

30-045-27890

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work:

DRILL ☒

RE-ENTER ☐

DEEPEN ☐

PLUG BACK ☐

b. Type of Well:

OIL  
WELL ☐

GAS  
WELL ☒

OTHER Coal Seam

SINGLE  
ZONE ☒

MULTIPLE  
ZONE ☐

2. Name of Operator

Amoco Production Co. Atten. J.L. Hampton

3. Address of Operator

P.O. Box 800, Denver, CO 80201

7. Lease Name or Unit Agreement Name

Florence Gas Com "G"

8. Well No.

#1

9. Pool name or Wildcat

Basin Fruitland Coal Gas

4. Well Location

Unit Letter B : 1190 Feet From The North Line and 1490 Feet From The East Line

Section 30

Township

30N

Range

8W

NMPM

San Juan

County

10. Proposed Depth

2390' TD

11. Formation

Fruitland

12. Rotary or C.T.

Rotary

13. Elevations (Show whether DF, RT, GR, etc.)

5594' GR

14. Kind & Status Plug. Bond

15. Drilling Contractor

16. Approx. Date Work will start

As soon as permitted

17.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4"	9 5/8"	36#	250'	200 cf Cl.B	Surface
8 3/4"	7"	20#	2390'	664 cf Cl.B	Surface
6 1/2"	5 1/2"	23#		None	

APPROVAL EXPIRES  
UNLESS DRILLING IS COMMENCED.  
SPUD NOTICE MUST BE SUBMITTED  
WITHIN 10 DAYS.

IF DRILLING IS COMMENCED.  
SPUD NOTICE MUST BE SUBMITTED  
WITHIN 10 DAYS.

IF DRILLING IS COMMENCED.  
SPUD NOTICE MUST BE SUBMITTED  
WITHIN 10 DAYS.

RECEIVED  
JUN 18 1990  
OIL CON. DIV.  
DIST. 3

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

SIGNATURE J.L. Hampton TITLE Sr. Staff Admin. Supr DATE 6/15/90

TYPE OR PRINT NAME J.L. Hampton

TELEPHONE NO.

(This space for State Use)

APPROVED BY Eric Buck TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE JUN 18 1990

CONDITIONS OF APPROVAL, IF ANY:

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

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised 1-1-89

OIL CONSERVATION DIVISION

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

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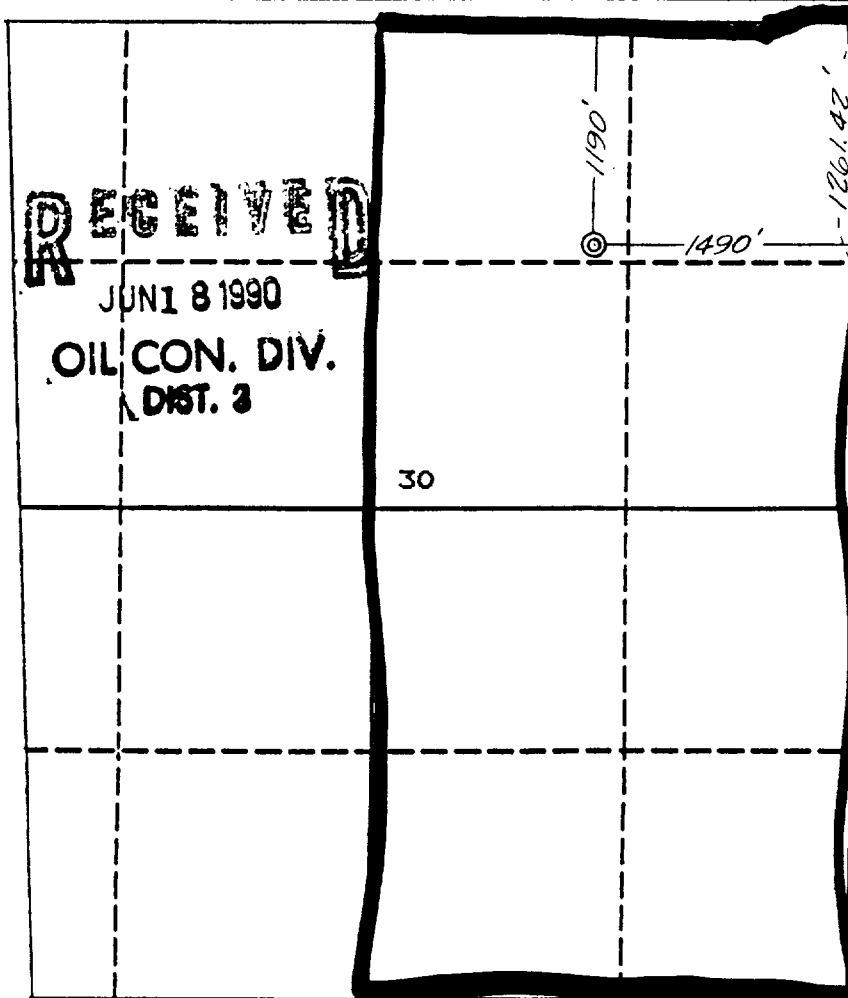
WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator <b>AMOCO PRODUCTION COMPANY</b>		Lease <b>FLORANCE GAS COM /G/</b>		Well No. <b># 1</b>
Unit Letter <b>B</b>	Section <b>30</b>	Township <b>30 NORTH</b>	Range <b>8 WEST</b>	County <b>SAN JUAN</b>

Actual Footage Location of Well: <b>1190</b> feet from the <b>NORTH</b> line and <b>1490</b> feet from the <b>EAST</b> line				
Ground level Elev. <b>5694</b>	Producing Formation <b>Fruitland Coal</b>	Pool <b>Basin Fruitland Coal Gas</b>	Dedicated Acreage <b>E/2 240.69</b> Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?  
☐ Yes ☐ No If answer is "yes" type of consolidation \_\_\_\_\_  
If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_  
No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

Signature *[Signature]*  
Printed Name **SL Hampton**  
Position **Sr Staff Admin Supr**  
Company **Amoco Prod**  
Date **5-15-90**

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 knowledge and belief.

Date Surveyed **May 9, 1990**

Signature & Seal of Professional Surveyor  
*[Signature]*  
**GARY D. VANN**  
Registered Professional Land Surveyor  
New Mexico  
7016

Amoco proposes to drill the well to further develop the Fruitland Coal reservoir. The well will be drilled to the surface casing point using native mud. The well will then be drilled to the intermediate casing point with a non-dispersed mud system. The attached modified 12" 3000 psi blowout preventer will be used. Amoco will attempt to complete the Fruitland coal by drilling the interval with water and air. A service unit will probably be used to drill into the coals using the attached modified 6" 3000 psi BOP. If commercial productivity is established, then the well will be completed as an open hole.

#### SURFACE CASING

<u>Quantity</u>	<u>Size</u>	<u>Weight</u>	<u>Description</u>	<u>Cement Program</u>
250'	9 5/8"	36#	K55 ST&C	200 cf Class B, 2% CaCl <sub>2</sub> 15.6 ppg

#### INTERMEDIATE CASING

<u>Quantity</u>	<u>Size</u>	<u>Weight</u>	<u>Description</u>	<u>Cement Program</u>
2390'	7"	20#	K55 ST&C	669 cf Class B, 65:35:5 10% salt, .25% dispersant 13.1 ppg 118 cf Class B 2% CaCl <sub>2</sub> 15.6 ppg

The above casing design is based upon a 9.0#/gallon mud weight.

#### CONTINGENCY OPERATIONAL PLAN

In the event the well does not yield commercial volumes of gas from the open hole completion, the water filled hole will be mudded-up and weighted-up as necessary (9-11#/gal.) for hole stability and well control. The well will then be deepened approximately 200' into the Pictured Cliffs formation to provide necessary footage for a cased and cemented completion technique. The Fruitland coals will then be perforated and fracture stimulated. The Pictured Cliffs formation will be isolated with cement.

#### CONTINGENCY LINER

650'	4-1/2"	11.6#	K55 LT&C	250 cf Class B
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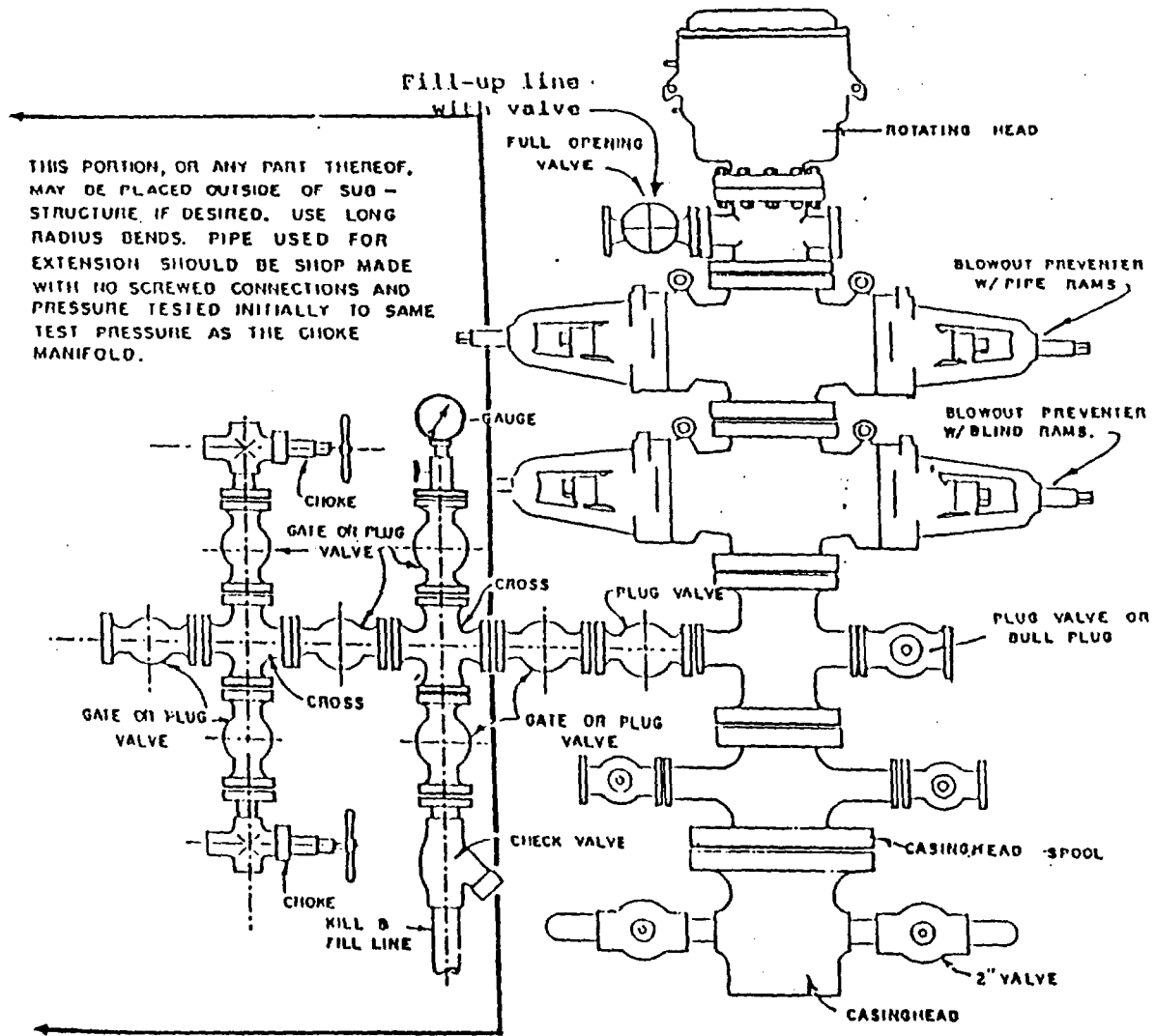
The contingency string is based upon an 11.0#/gallon mud weight.

#### EVALUATION

Mud logs will be the only logs run if the well is completed as an open hole. The log surveys (FDC/GR/CAL, Microlog, Mudlogger) will be run only if the well is drilled into the Pictured Cliffs formation, and only if well condition is suitable to allow proper wireline log interpretation.

apdatt.clb disk 210

# EXHIBIT NO. 1 - BOPE



BLOWOUT PREVENTER HOOKUP

# Drill Out BOPE 6" 3000 psi BOPE

NOTE: 2 - 4" outlets on mud cross secondary block line will not be equipped with Regan Preventer.

An 8 Station, 250 gal., 3000 psi accumulator will be required. Air and electric power.

Eqpt Ht.

Tbghd	20 7/8"
LWS double	27 5/8"
Spool	17"
LWS double	27 5/8"
Striphead	20"
	<hr/> 113 1/8"

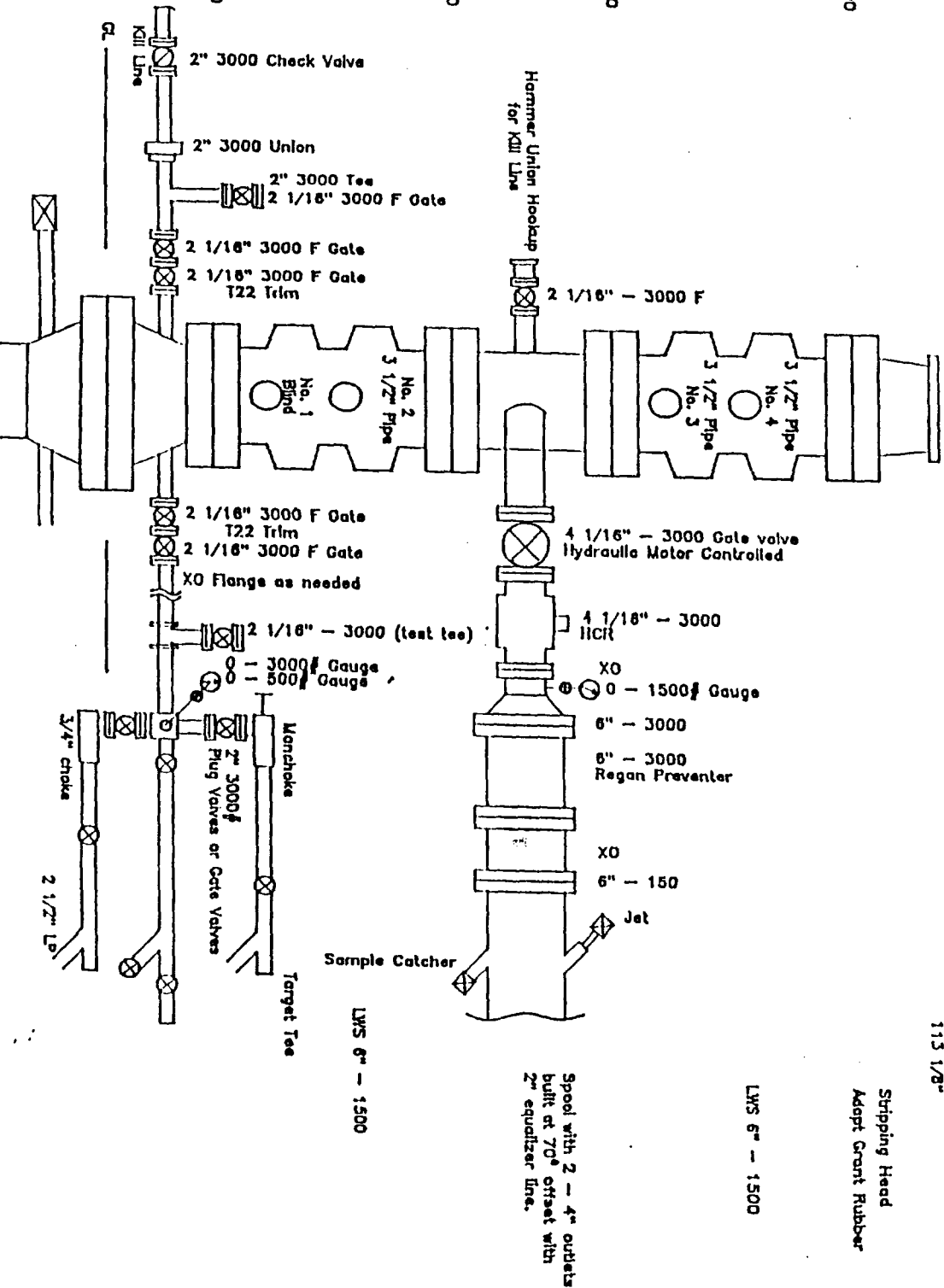
7 1/16" - 3000

7 1/16" - 3000

7 1/16" - 3000

7 1/16" - 3000

11" - 3000



Stripping Head  
Adapt Grant Rubber

**SAN JAN BASIN**  
**FRUITLAND COAL DEGASIFICATION (TOPSET WELLS)**  
**PRESSURE CONTROL EQUIPMENT**

**Background**

The objective Fruitland Coal formation maximum surface pressure is anticipated to be 1400 PSI, based on completion testing. 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 rigs to be utilized have substructure height limitations which exclude 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 surface to intermediate casing point above the Fruitland Coal.

Prior to drilling below intermediate casing, a modified two (2) double ram pressure control equipment system will be installed. This systems is designed for Fruitland Coal formation interval drilling with air and water. A service unit will typically be used to drill this interval, and the wellbore will be completed as an uncased open hole if commercial productivity is established. If not, the wellbore will be cased and cemented with a 4 1/2" contingency liner. Based upon maximum surface pressure criteria, 2000 PSI equipment is required. However, as stated above, 3000 PSI working pressure equipment will typically be utilized.

**Equipment Specification**

**Interval**

Below Surface Casing  
through  
Intermediate Casing

Intermediate Casing  
to  
Total Depth

**BOP Equipment**

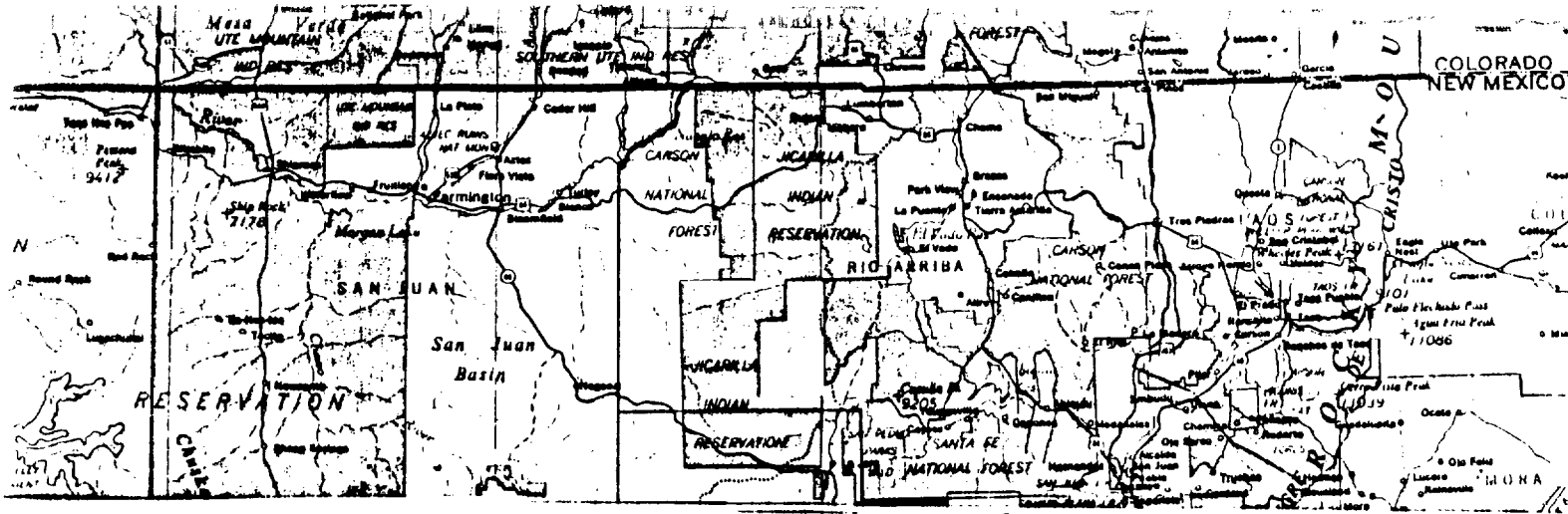
12" nominal, 3000 PSI double ram  
preventer with rotating head (see  
Exhibit No. 1 - BOPE)

6" nominal, 3000 PSI Two (2) double  
ram preventers (see Exhibit No. 2 -  
BOPE)

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, floor safety valves and choke manifold which will also be tested to equivalent pressure.

Please direct any questions to George Gray at (303) 830-5190 in our Denver office.





FLORANCE GAS COM /G/ # 1  
 1190' F/NL 1490' F/EL  
 SEC. 30, T30N, RBW, NMPM  
 RAIL POINT: 162 miles - Montrose, Co.  
 MUD POINT: 20 miles - Aztec, Nm  
 CEMENT POINT: 34 miles - Farmington, Nm.

2

