

**ARCO Oil and Gas Company**  
Western District  
Post Office Box 1610  
Midland, TX 79702  
Telephone (915) 688-5200

OIL CONSERVATION DIVISION  
RECEIVED

'92 OCT 2 PM 9 03



**September 28, 1992**

Mr. William J. LeMay  
New Mexico Oil Conservation Division  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Mr. J. T. Sexton  
New Mexico Oil Conservation Division  
P. O. Box 1980  
Hobbs, New Mexico 88240

RE: Application for Unorthodox Jalmat Gas Well Location & Simultaneous Dedication  
D. D. Harrington #5  
NW/4 of Section 10, T22S, R36E, Lea County, New Mexico  
Jalmat (Tansill/Yates/Seven Rivers) Gas Pool

Dear Mr. LeMay / Mr. Sexton:

ARCO Oil and Gas Company respectfully requests administrative approval for an unorthodox Jalmat gas well location for the D. D. Harrington #5 well, located 1980' FNL, 1980' FWL, Section 10, T-22S, R-36E in Lea County, New Mexico. The D. D. Harrington #5 is a Eunice Seven-Rivers Queen South oil well which ARCO is preparing to recomplete uphole to the Jalmat pool. At the same time, ARCO requests simultaneous dedication of the Jalmat gas production from the D. D. Harrington #1 with the Jalmat gas production from the D. D. Harrington #5 well. The D. D. Harrington #1 is a Jalmat gas well that is currently dedicated to an existing 160-acre proration unit comprised of the NW/4 of Section 10, T-22S, R-36E.

Attached are C-102 forms identifying both the existing and proposed configuration of the subject 160-acre Jalmat gas proration unit. Also attached is a list of offset operators and/or co-owners for this unit, and a land plat map of the surrounding area.

ARCO Oil and Gas Company believes approval of this request will be in the interest of conservation, will protect correlative rights, and will allow for a more complete recovery of Jalmat gas reserves from the subject acreage.

ARCO Oil and Gas Company is notifying the offset operators of this application by sending a copy of this application package, along with waiver to objection forms, by certified mail. If you need further information, please call me at (915) 688-5546.

Sincerely,

Kevin D. Renfro  
Operations/Analytical Engineer

KDR:lrh

Attachments

Offset Operators:

Please indicate your approval for our request as detailed in the attached package by signing the waiver form below. Please return the signed waiver in the enclosed self-addressed envelope.

Thank you for your cooperation in this matter.

**WAIVER TO OBJECTION**

**ARCO OIL AND GAS COMPANY**

**Application for an  
Unorthodox Jalmat Gas Well Location**

D. D. Harrington #5

and

**Simultaneous Dedication of Jalmat Gas Production**

D. D. Harrington #1 (existing)

D. D. Harrington #5 (new)

Jalmat Gas Pool

NW/4 Section 10, T22S, R36E, Lea County, NM

Lea County, New Mexico

I/We do hereby waive any objection to ARCO Oil and Gas Company's request for NMOCD Administrative Approval of an unorthodox well location for the D. D. Harrington #5, and simultaneous dedication of Jalmat gas production from the D. D. Harrington #1 and #5 to an existing 160-acre proration unit.

Signed: \_\_\_\_\_

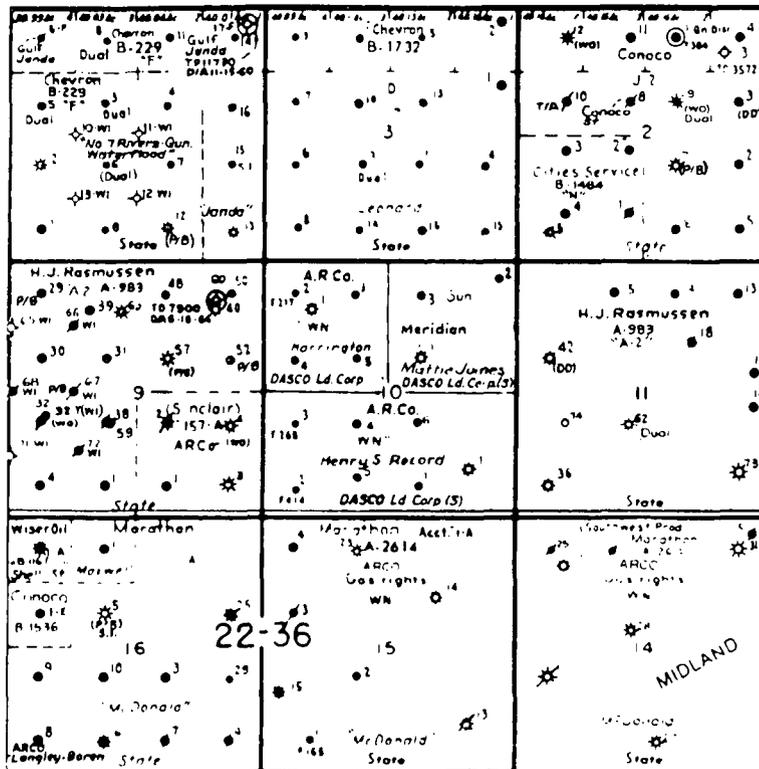
Title: \_\_\_\_\_

Company: \_\_\_\_\_

Date: \_\_\_\_\_

**ARCO OIL AND GAS COMPANY**  
**Application for an**  
**Unorthodox Jalmat Gas Well Location**  
**D. D. Harrington #5**

**Simultaneous Dedication of Jalmat Gas Production**  
**D. D. Harrington #1 (existing)**  
**D. D. Harrington #5 (new)**  
**Jalmat Gas Pool**  
**NW/4 Section 10, T22S, R36E**  
**Lea County, New Mexico**



**OFFSET OPERATORS**

Meridian Oil Inc.  
 Clayton W. Williams, Jr.  
 Marathon Oil Company  
 Chevron USA

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

**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

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

All Distances must be from the outer boundaries of the section

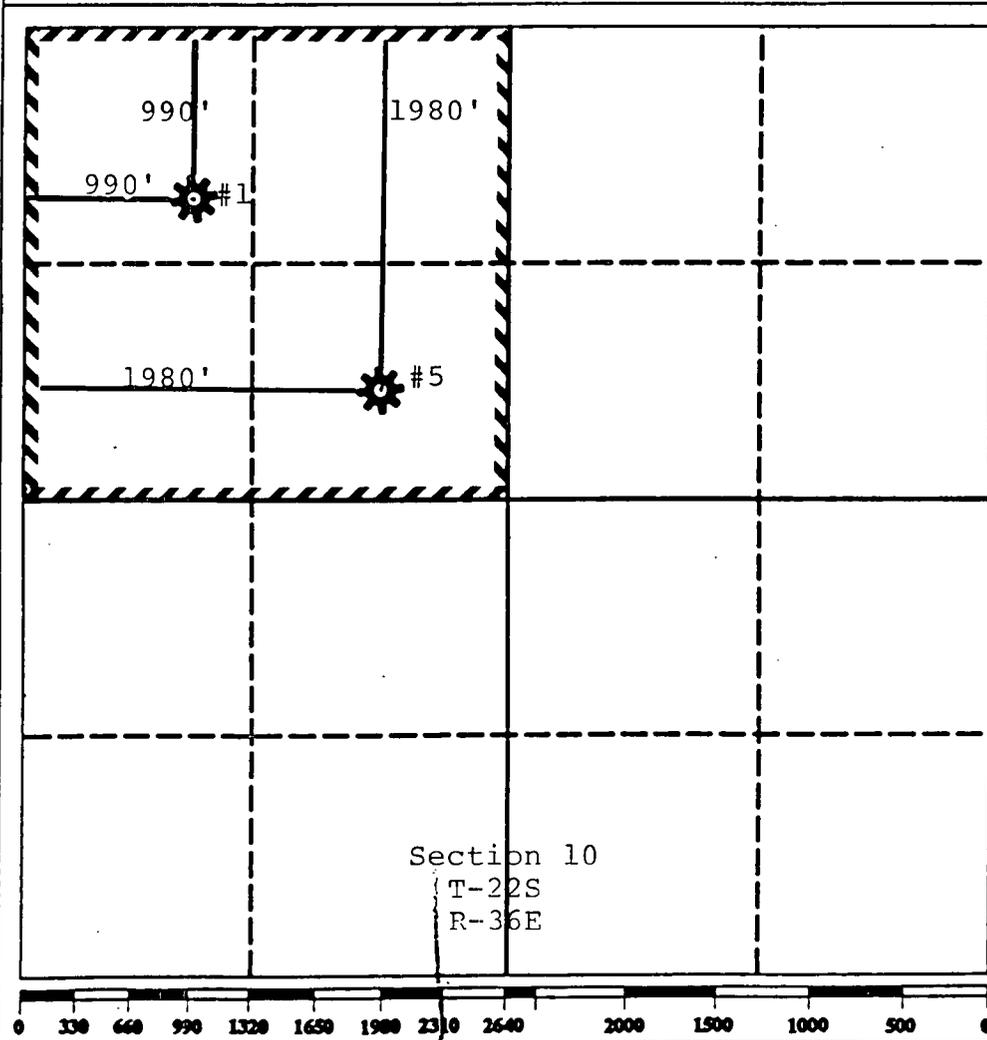
Operator ARCO Oil and Gas Company			Lease D. D. Harrington		Well No. #5
Unit Letter F	Section 10	Township T-22S	Range R-36E	County NMPM Lea	
Actual Footage Location of Well: 1980 feet from the North line and 1980 feet from the West line					
Ground level Elev. 3560'	Producing Formation Tansill/Yates/7-Rivers		Pool Jalpat Gas		Dedicated Acreage: 160 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: *Evelyn Gilson*  
Printed Name: E. E. Gilson  
Position: Engineering Technic  
Company: ARCO Oil and Gas Co  
Date: September 28, 1992

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**SURVEYOR CERTIFICATION**

I hereby certify that the well location shown on this plat was plotted from field notes 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: \_\_\_\_\_  
Signature & Seal of Professional Surveyor: \_\_\_\_\_  
Certificate No.: \_\_\_\_\_

NEW MEXICO  
OIL CONSERVATION COMMISSION

Gas Well Plat

Date November 27, 1953

Western Natural Gas Co. Harrington 1  
Operator Lease Well No.

Name of Producing Formation Yates-Jean Rivers Pool Langmat

No. Acres Dedicated to the Well 160

SECTION 10 TOWNSHIP 22S RANGE 36E


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

Name R. A. McKee  
Position Division Superintendent  
Representing Western Natural Gas Company  
Address 823 Midland Tower, Midland, Texas



ARCO Oil and Gas Company  
Western District  
Post Office Box 1610  
Midland, TX 79702  
Telephone (915) 688-5200

OIL CONSERVATION DIVISION  
RECEIVED



'92 NOV 9 AM 9 28

November 3, 1992

Mr. William J. LeMay  
New Mexico Oil Conservation Division  
P. O. Box 2088  
Santa Fe, New Mexico 87501

RE: Additional Information and Request for Approval  
9/28/92 Application for Unorthodox Jalmat Gas Well Location & Simultaneous Dedication  
D. D. Harrington #5  
NW/4 Section 10, T22S, R36E, Lea County, NM  
Jalmat (Tansill/Yates/Seven Rivers) Gas Pool

Dear Mr. LeMay:

ARCO Oil and Gas Company respectfully requested, by application to your office on 9/28/92, administrative approval for an unorthodox Jalmat gas well location for the D. D. Harrington #5 well located 1980' FNL, 1980' FWL, Section 10, T-22S, R-36E in Lea County, New Mexico. At the same time, ARCO requested simultaneous dedication of the Jalmat gas production from the D. D. Harrington #1 with the Jalmat gas production from the D. D. Harrington #5 well.

ARCO Oil and Gas Company notified the offset operators of that application by sending a copy of the application package, along with Waiver to Objection forms, by certified mail. Attached with this follow-up letter are copies of the certified mail receipts sent to all offset operators, showing that they have all received a copy of this application and have had more than 21 days to respond to either ARCO or the NMOCD. Also attached are copies of signed waiver forms from 2 of the offset operators, indicating that they have no objection to the proposed work. Since signed waivers have been received from 2 offset operators, and since all offset operators have received notice of ARCO's application by certified mail and have had sufficient time to respond to the application, and no offset operators have objected to this application, ARCO respectfully requests that the NMOCD grant prompt administrative approval of this request so that ARCO may perform the work in a timely manner.

If you need further information, please call me at (915) 688-5546.

Sincerely,

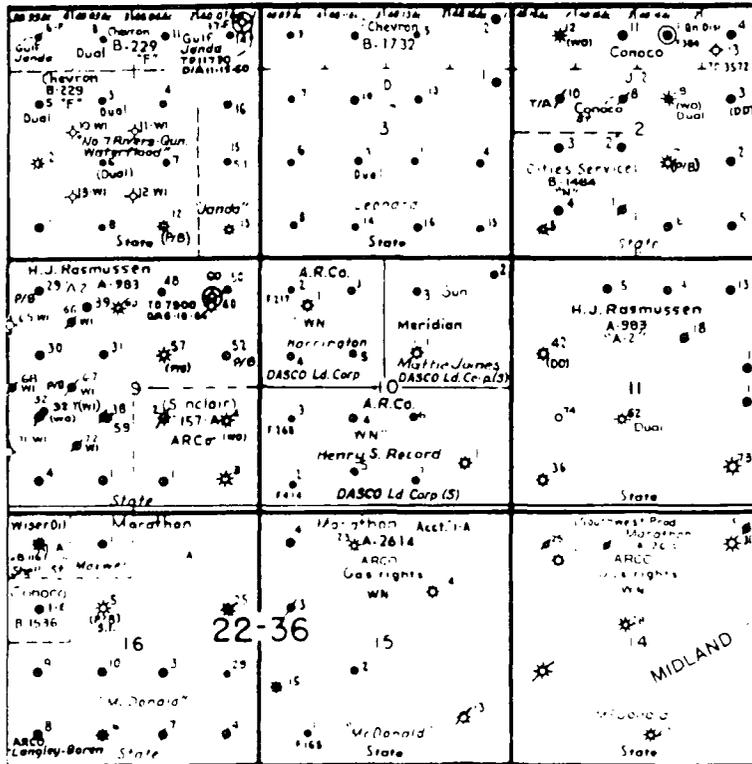
Kevin D. Renfro  
Operations/Analytical Engineer

KDR:lrh

Attachments: Certified Mail Receipts \_\_\_\_\_  
Offset Operator List \_\_\_\_\_ Waiver to Objection Forms \_\_\_\_\_

ARCO OIL AND GAS COMPANY  
 Application for an  
 Unorthodox Jalmat Gas Well Location  
 D. D. Harrington #5

Simultaneous Dedication of Jalmat Gas Production  
 D. D. Harrington #1 (existing)  
 D. D. Harrington #5 (new)  
 Jalmat Gas Pool  
 NW/4 Section 10, T22S, R36E  
 Lea County, New Mexico



OFFSET OPERATORS

Meridian Oil Inc.  
 Clayton W. Williams, Jr.  
 Marathon Oil Company  
 Chevron USA

October 12, 1992

Unorthodox Well Location &  
Simultaneous Dedication

Jalmat Gas Pool  
Lea County, New Mexico

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

Attention: Mr. William J. LeMay, Director

Chevron U.S.A., as an offset operator, has no objection to ARCO Oil and Gas Company's application for an unorthodox gas well location for their D. D. Harrington No. 5 in the subject pool. That location to be 1,980 feet FNL and 1,980 feet FWL, Section 10, T-22-S, R-36-E, Lea County, New Mexico. It is our further understanding that the 160 acres currently dedicated to the D. D. Harrington Well No. 1 and comprising the NW/4 of Section 10 will now be dedicated to both wells.

Approved By: F. S. Godbold

Title: Engineering Supervisor, New Mexico Area

Representing: Chevron U.S.A

Date: October 12, 1992

Signed: *Sim Donald* For FSG

Offset Operators:

Please indicate your approval for our request as detailed in the attached package by signing the waiver form below. Please return the signed waiver in the enclosed self-addressed envelope.

Thank you for your cooperation in this matter.

## WAIVER TO OBJECTION

### ARCO OIL AND GAS COMPANY

#### Application for an Unorthodox Jalmat Gas Well Location

D. D. Harrington #5

and

#### Simultaneous Dedication of Jalmat Gas Production

D. D. Harrington #1 (existing)

D. D. Harrington #5 (new)

Jalmat Gas Pool

NW/4 Section 10, T22S, R36E, Lea County, NM

Lea County, New Mexico

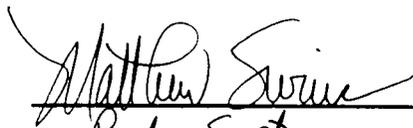
I/We do hereby waive any objection to ARCO Oil and Gas Company's request for NMOCD Administrative Approval of an unorthodox well location for the D. D. Harrington #5, and simultaneous dedication of Jalmat gas production from the D. D. Harrington #1 and #5 to an existing 160-acre proration unit.

Signed:

Title:

Company:

Date:

  
\_\_\_\_\_  
Prod. Supt.  
\_\_\_\_\_  
Clayton W. Williams, Jr., Inc.  
\_\_\_\_\_  
10-6-92  
\_\_\_\_\_

**SENDER:**

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece next to the article number.

I also wish to receive the following services (for an extra fee):

- Addressee's Address
- Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

A. W. Bohling  
Chevron USA Inc.  
P. O. Box 1150  
Midland, Texas 79702

4a. Article Number

P 322 150 635

4b. Service Type

- Registered  Insured  
 Certified  COD  
 Express Mail  Return Receipt for Merchandise

7. Date of Delivery

SEP 30 1992

5. Signature (Addressee)

6. Signature (Agent)

PS Form 3811, October 1990

U.S. GPO: 1990-273-881

**DOMESTIC RETURN RECEIPT**

**SENDER:**

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece next to the article number.

I also wish to receive the following services (for an extra fee):

- Addressee's Address
- Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

Clayton W. Williams, Jr.  
Attn: Matt Swierc  
6 Desta Drive, Suite 3000  
Midland, Texas 79705

4a. Article Number

P 322 150 647

4b. Service Type

- Registered  Insured  
 Certified  COD  
 Express Mail  Return Receipt for Merchandise

7. Date of Delivery

9-30-92

5. Signature (Addressee)

6. Signature (Agent)

PS Form 3811, October 1990

U.S. GPO: 1990-273-881

**DOMESTIC RETURN RECEIPT**

**SENDER:**

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- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece next to the article number.

I also wish to receive the following services (for an extra fee):

- Addressee's Address
- Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

Marathon Oil  
P. O. Box 552  
Midland, Texas 79702

4a. Article Number

P 322 150 632

4b. Service Type

- Registered  Insured  
 Certified  COD  
 Express Mail  Return Receipt for Merchandise

7. Date of Delivery

SEP 30 1992

5. Signature (Addressee)

6. Signature (Agent)

PS Form 3811, October 1990

U.S. GPO: 1990-273-881

**DOMESTIC RETURN RECEIPT**

*D. D. Harrington A.S.*

**SENDER:**

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece next to the article number.

I also wish to receive the following services (for an extra fee):

- 1.  Addressee's Address
- 2.  Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

Meridian Oil Inc.  
Attn: Connie L. Malik  
P. O. Box 51810  
Midland, Texas 79710-1810

4a. Article Number

*P 322 150 639*

4b. Service Type

- Registered  Insured
- Certified  COD
- Express Mail  Return Receipt for Merchandise

7. Date of Delivery

*OCT. 1 1992*

5. Signature (Addressee)

8. Addressee's Address (Only if requested and fee is paid)

6. Signature (Agent)

*[Handwritten Signature]*



STATE OF NEW MEXICO

CONSERVATION, ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT  
RECEIVED

OIL CONSERVATION DIVISION  
HOBBS DISTRICT OFFICE

92 OCT 5 PM 10 04

10-1-92

BRUCE KING  
GOVERNOR

POST OFFICE BOX 1980  
HOBBS, NEW MEXICO 88241-1980  
(505) 393-6161

OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

RE: Proposed:

- MC \_\_\_\_\_
- DHC \_\_\_\_\_
- NSL X + SA \_\_\_\_\_
- NSP \_\_\_\_\_
- SWD \_\_\_\_\_
- WFX \_\_\_\_\_
- PMX \_\_\_\_\_

Gentlemen:

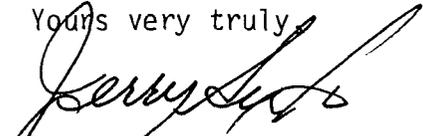
I have examined the application for the:

Arco Oil & Gas Co. D.D. Harrington Wn #5-F 10-22-36  
 Operator Lease & Well No. Unit S-T-R

and my recommendations are as follows:

OK

Yours very truly

  
 Jerry Sexton  
 Supervisor, District 1

/ed

OIL CONSERVATION DIVISION  
RECEIVED  
'92 OCT 14 PM 8 37

October 12, 1992

Unorthodox Well Location &  
Simultaneous Dedication

Jalmat Gas Pool  
Lea County, New Mexico

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

Attention: Mr. William J. LeMay, Director

Chevron U.S.A., as an offset operator, has no objection to ARCO Oil and Gas Company's application for an unorthodox gas well location for their D. D. Harrington No. 5 in the subject pool. That location to be 1,980 feet FNL and 1,980 feet FWL, Section 10, T-22-S, R-36-E, Lea County, New Mexico. It is our further understanding that the 160 acres currently dedicated to the D. D. Harrington Well No. 1 and comprising the NW/4 of Section 10 will now be dedicated to both wells.

Approved By: F. S. Godbold

Title: Engineering Supervisor, New Mexico Area

Representing: Chevron U.S.A.

Date: October 12, 1992

Signed: *F. S. Godbold* For FSG