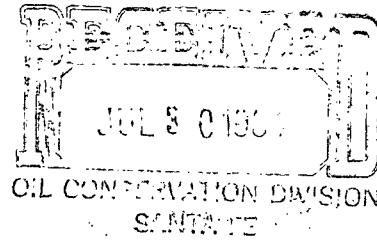


ARCO Oil and Gas Company
Permian District
Post Office Box 1610
Midland, Texas 79702
Telephone 915 684 0149

Joe R. Hastings
District Engineer — West



July 17, 1984

Mr. Joe D. Ramey
New Mexico Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501

NSP-

RULE 104 D II

Release Aug. 31, 1984

Dear Mr. Ramey:

Application for Non-Standard Proration Unit
W. H. Harrison Lease - Jalmat Gas Pool
W/2 of Sec. 29, T24S, R37E
Lea County, New Mexico

ARCO Oil and Gas Company respectfully requests administrative approval to form a 320 acre non-standard proration unit consisting of the W/2 of Sec. 29, T24S, R37E. We ask that this non-standard unit be dedicated as a multiple well unit to the following wells:

W. H. Harrison "A" No. 2
W. H. Harrison "D" No. 1
W. H. Harrison "D" No. 6
W. H. Harrison "D" No. 7

An existing 280 acre non-standard proration unit is dedicated as a multiple well unit to the W. H. Harrison "A" No. 2, "D" No. 1, and "D" No. 6. The "D" No. 7 is currently classified as a Jalmat oil well, but will be reclassified as a Jalmat gas well effective September 1, 1984, due to a recent GOR test.

ARCO Oil and Gas 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.

Attached is a map showing offset operators, a well location and dedication plat (Form C-102), and a list of offset operators. This letter will also serve to notify the offset operators.

Very truly yours,

J. R. Hastings

J. R. Hastings
District Engineer

Xc: New Mexico Oil Conservation Div.
P. O. Box 1980
Hobbs, New Mexico 88240

JRH:sc

Xc: Offset Operators

Atts

ARCO Oil and Gas Company is a Division of AtlanticRichfield Company

OFFSET OPERATORS
W. H. HARRISON LEASE
W/2 Section 29, T24S, R37E
Lea County, New Mexico

APCO Oil Company
P. O. Box 1027
Odessa, Texas 79760

(Southland Royalty)

Cities Service Oil Company
P. O. Box 1919
Midland, Texas 79701

Conoco
P. O. Box 460
Hobbs, New Mexico 88240

Gulf Energy & Minerals - US
P. O. Box 1150
Midland, Texas 79701

Reserve Oil
201 First Savings Bldg.
Midland, Texas 79701

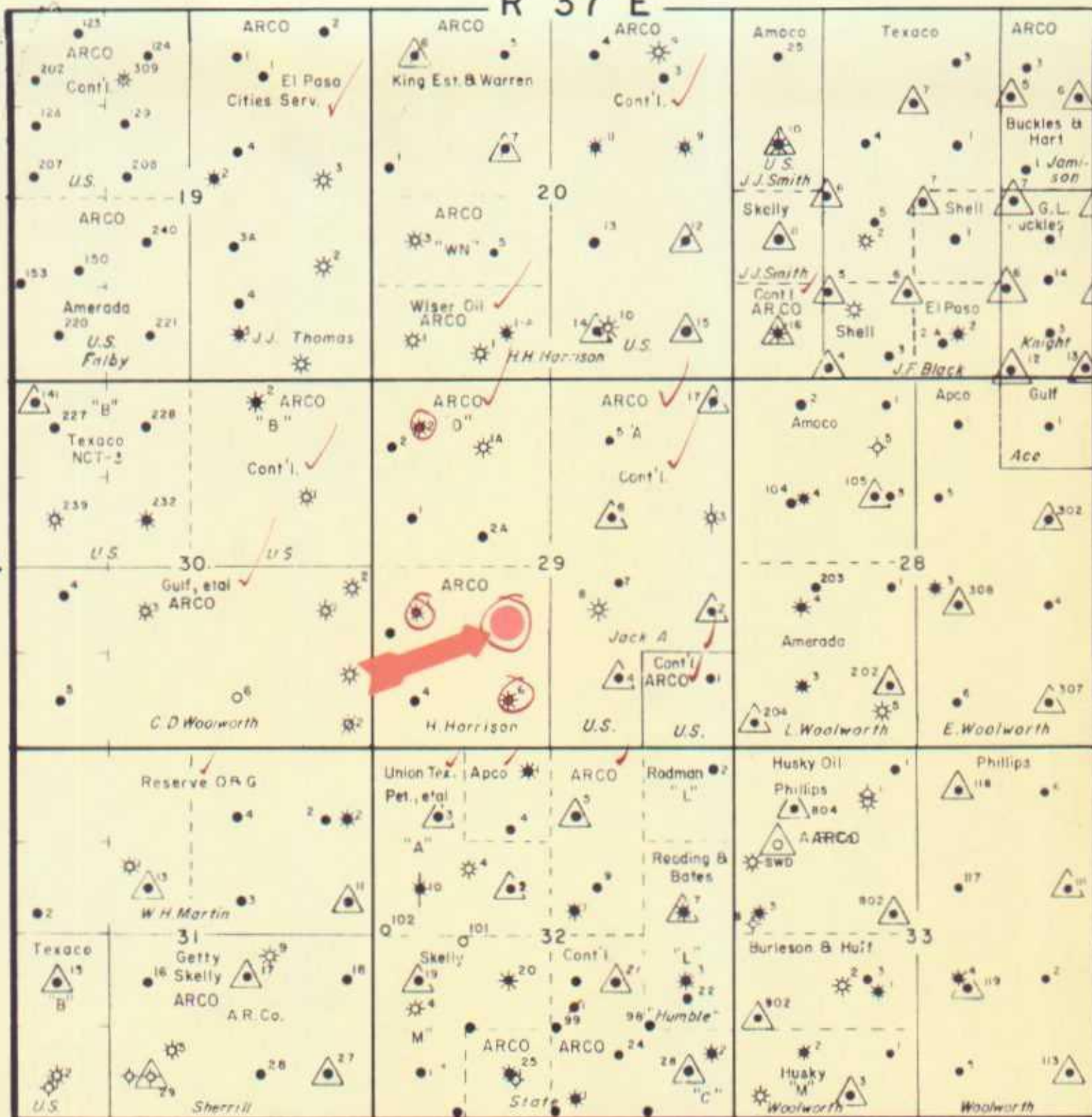
(Getty)

Union Texas Petroleum
4000 N. Big Spring
Suite 500
Midland, Texas 79705

Wiser Oil Company
P. O. Box 2467
Hobbs, New Mexico 88240

R 37 E

T
24
S



ARCO Oil and Gas Company 
Division of Arco Chemical Company
 Permian District Midland, Texas

LEA COUNTY, NEW MEXICO

SCALE: 1" = 2000'

By: C. ELLIS	Drawn By:	Title: 7-84
Date: 7-84	Revised By:	Date:
Drawn: WEST AREA ENGR.	Eng. No:	

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-102
Revised 10-1-78

All distances must be from the outer boundaries of the Section.

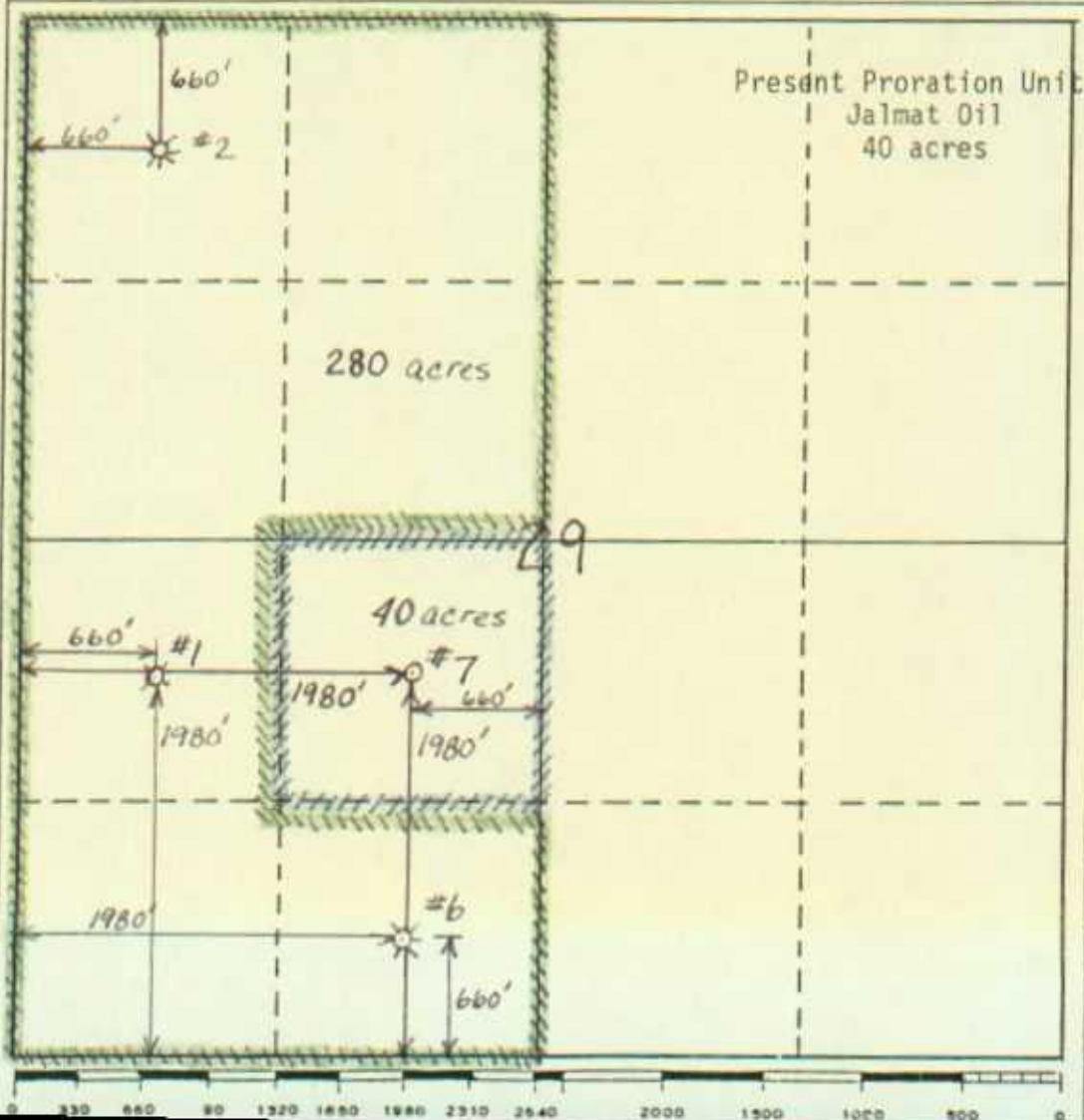
Operator ARCO Oil and Gas Co.		Lease W. H. Harrison "D"		Well No. 7	
Unit Letter K	Section 29	Township 24S	Range 37E	County Lea	
Actual Footage Location of Well: 1980 feet from the South line and 1980 feet from the West line					
Ground Level Elev. 3251.8	Producing Formation Yates - Seven Rivers		Pool Jalmat Oil	Dedicated Acreage: 40 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation Communitization

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 interests, has been approved by the Division.



CERTIFICATION

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

Cindy W Ellis

Name C. W. Ellis

Position
Engineer

Company
ARCO Oil and Gas Co.

Date July 17, 1984

I hereby certify that the well location shown on this plot 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

Registered Professional Engineer
and/or Land Surveyor

Certificate No.

All distances must be from the outer boundaries of the Section.

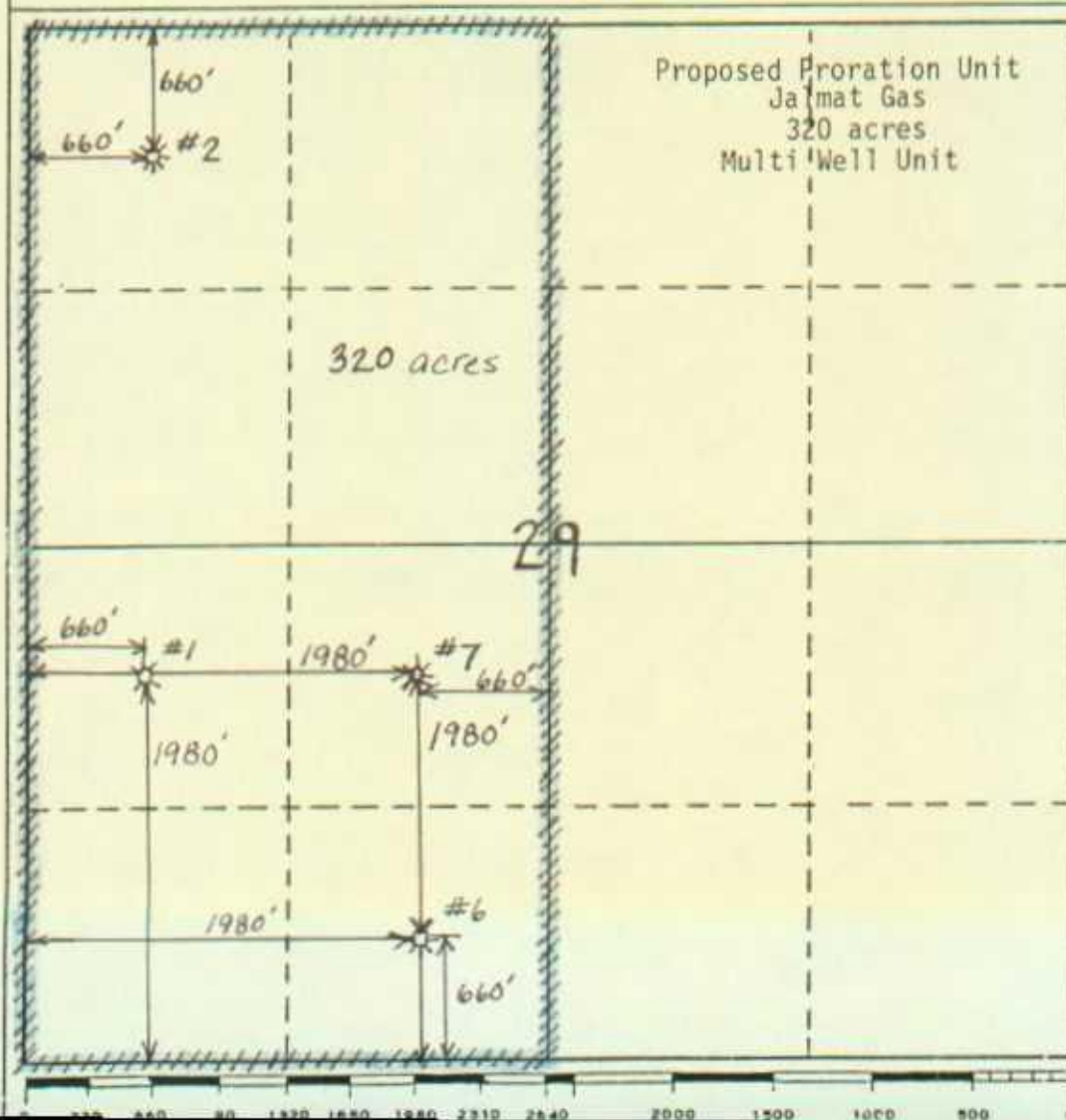
Operator ARCO Oil and Gas Co.			Lease W. H. Harrison "A" & "D"			Well No. 1,2,6,7
Unit Letter L,D,N,K	Section 29	Township 24S	Range 37E	County Lea		
Actual Footage Location of Well: (#7)						
1980 feet from the		South line and		1980 feet from the		West line
Ground Level Elev. 3251.8	Producing Formation Yates - Seven Rivers		Pool Jalmat Gas		Dedicated Acreage: 320 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hachure 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 interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation Communitization

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 interests, has been approved by the Division.



CERTIFICATION

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

Cindy W. Ellis

Name
C. W. Ellis

Position
Engineer

Company
ARCO Oil and Gas Co.

Date
July 17, 1984

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

Registered Professional Engineer and/or Land Surveyor

Certificate No.

ARCO Oil and Gas Company
Permian District
Post Office Box 1610
Midland, Texas 79702
Telephone 915 684 0149
Jerry L. Tweed
District Engineer



July 22, 1982

Mr. Joe D. Ramey
New Mexico Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501

Dear Sir:

RE: W. H. Harrison "D" No. 7
Completion as a Jalmat Oil Well

ARCO Oil and Gas Company recently completed its W. H. Harrison "D" Well #7 in the Jalmat Pool. This well is located 1980' FSL and 1980' FWL of Section 29-T24S-R37E, Lea County, New Mexico.

On July 5, 1982, this well tested for 25 BOPD plus 400 MCFPD. With a GOR of 16,000, this well will be classified as an oil well. Well No. 7 is located in the same 320 acre non-standard proration unit established by Order No. R5392, dated March 15, 1977, and assigned to W. H. Harrison "A" WN No. 2 and W. H. Harrison "D" WN wells No. 1 and 6. These wells are produced as Jalmat gas wells.

ARCO Oil and Gas Company hereby requests a change from a 320 acre to a 280 acre non-standard proration unit, and assignment of a 40 acre proration unit to the newly completed W. H. Harrison "D" No. 7, a Jalmat oil well. This letter will serve to notify the offset operators. Your cooperation will be appreciated.

Yours very truly,

J. L. Tweed
J. L. Tweed

JLT/BLS:dmm

Xc: New Mexico Oil Conservation Division
Hobbs, New Mexico

Offset Operators (list attached)

OFFSET OPERATORS
W. H. HARRISON LEASE
W/2 Section 29, T-24S, R-37E
Lea County, New Mexico

APCO Oil Company
P. O. Box 1027
Odessa, Texas 79760

Cities Service Oil Company
P. O. Box 1919
Midland, Texas 79701

Conoco
P. O. Box 460
Hobbs, New Mexico

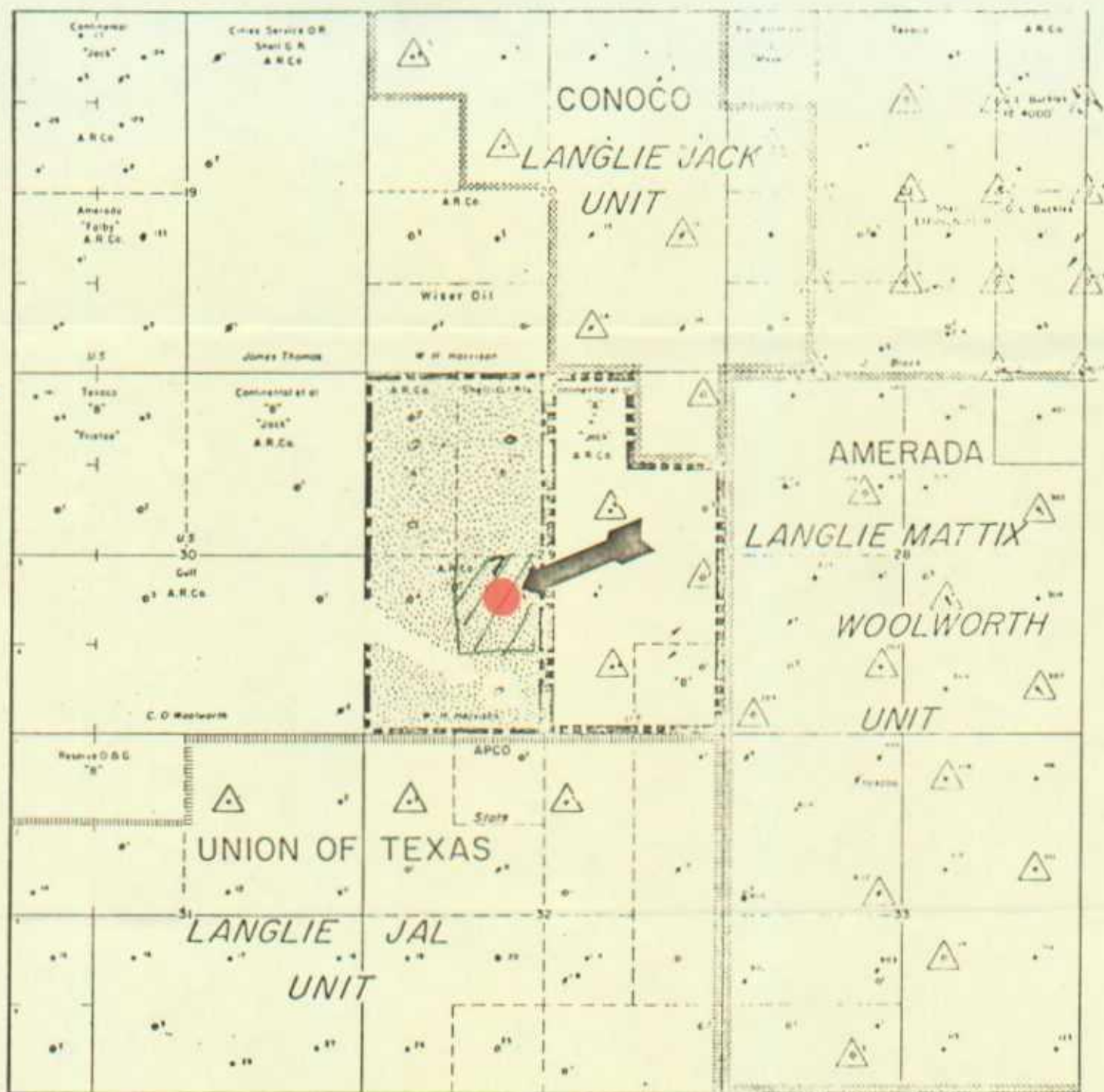
Gulf Energy & Minerals - US
P. O. Box 1150
Midland, Texas 79701

Reserve Oil
201 First Savings Bldg.
Midland, Texas 79701

Union Texas Petroleum
1300 Wilco Bldg.
Midland, Texas 79701

Wiser Oil Company
P. O. Box 2467
Hobbs, New Mexico

T
24
S



R-37-E



All distances must be from the outer boundaries of the Section.

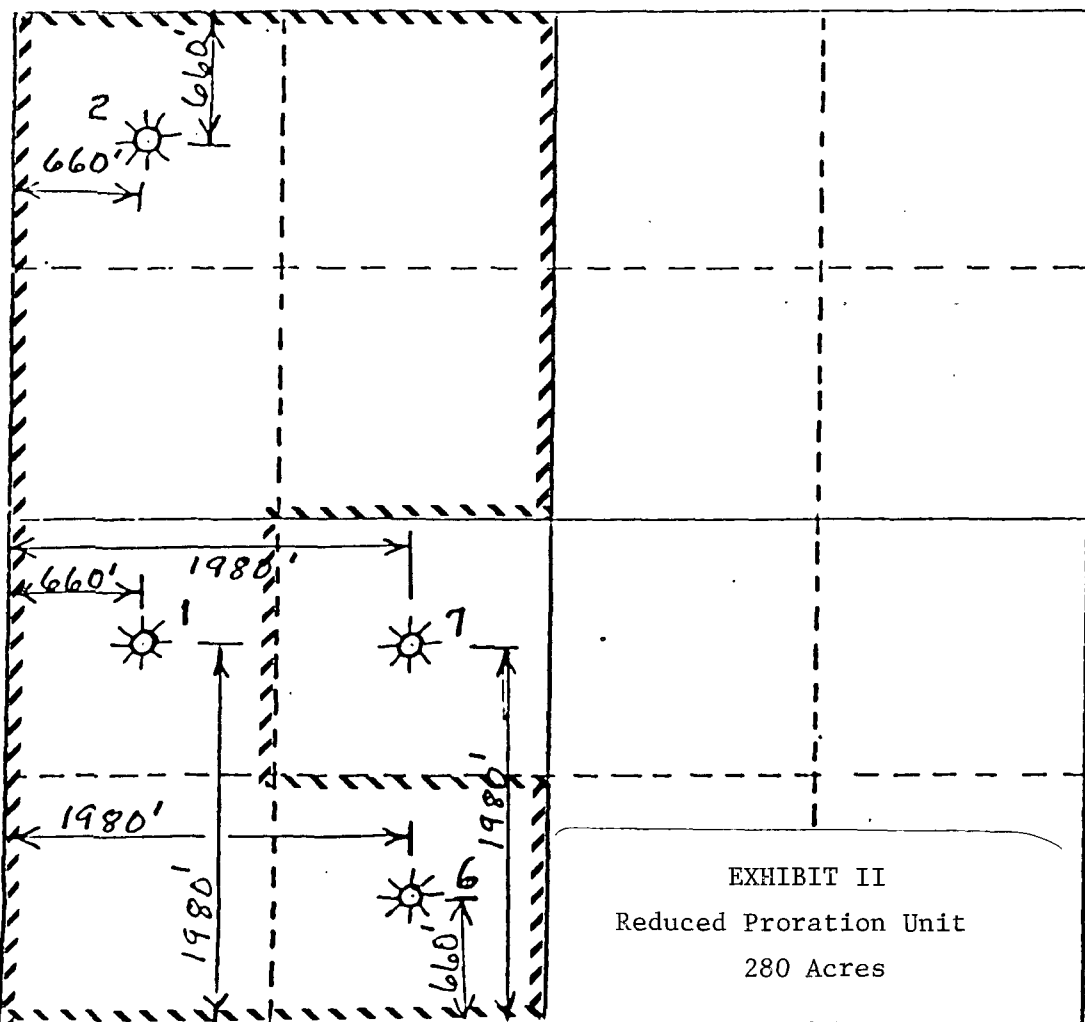
Operator ARCO Oil and Gas Company			Lease W. H. Harrison "A" & "D"		Well No. 1, 2, 6
Unit Letter D, L, N	Section 29	Township 24S	Range 37E	County Lea	
Actual Postage Location of Well:					
1980 feet from the South line and		1980 feet from the West line			
Ground Level Elev. 3251.8	Producing Formation Yates-Seven Rivers		Pool Jalmat Gas	Dedicated Acreage: 280 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation Communitization

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 interests, has been approved by the Division.



CERTIFICATION

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

B. L. Stokely

Name

B. L. Stokely

Position

Senior Engineer

Company

ARCO Oil and Gas Company

Date

7-13-82

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

Registered Professional Engineer and/or Land Surveyor

Certificate No.

All distances must be from the outer boundaries of the Section.

Operator ARCO Oil and Gas Company			Lease W. H. Harrison "D" WN		Well No. 7
Unit Letter K	Section 29	Township 24S	Range 37E	County Lea	

Actual Postage Location of Well:

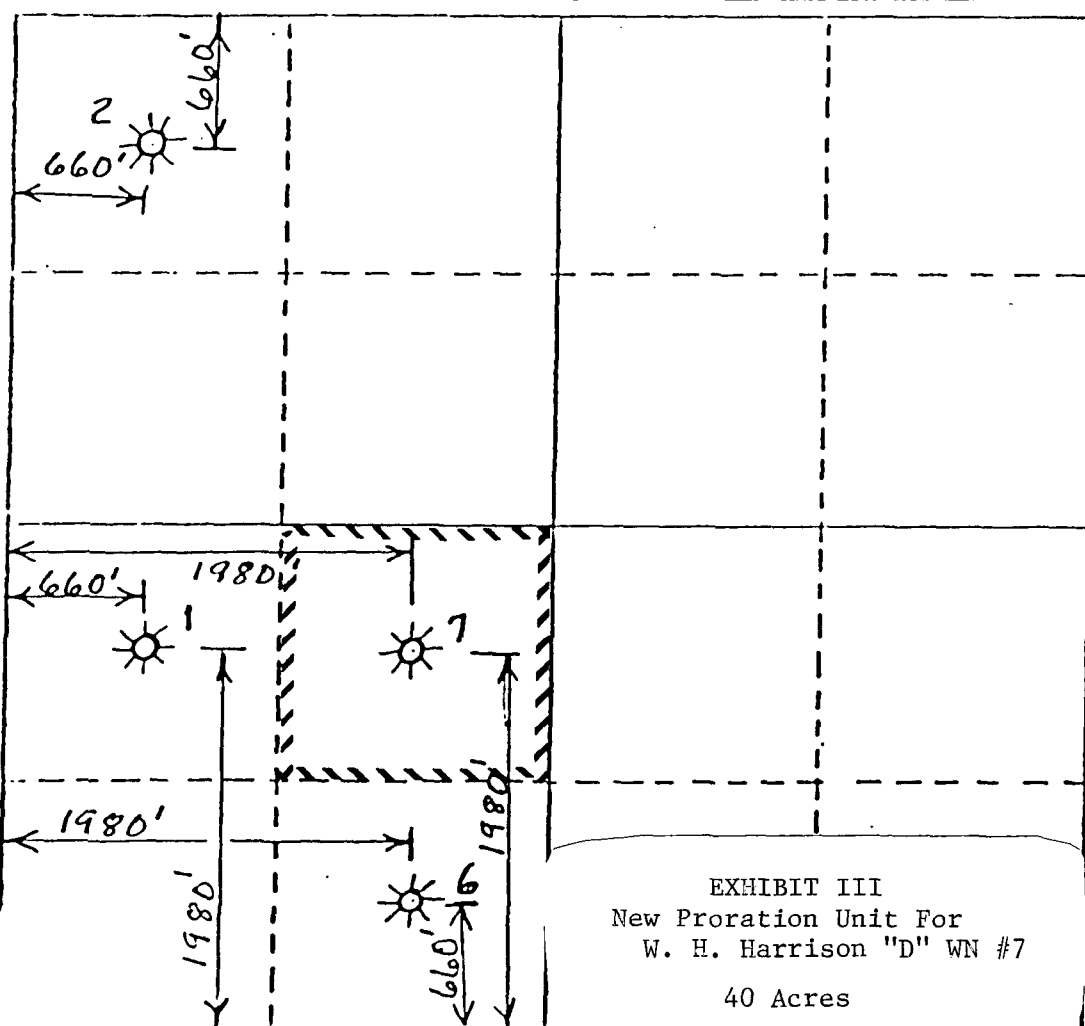
1980	feet from the	South	line and	1980	feet from the	West	line
Ground Level Elev. 3251.8	Producing Formation Yates-Seven Rivers		Pool Jalmat Gas	Dedicated Acreage: 40		Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation Communitization

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 interests, has been approved by the Division.



CERTIFICATION

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

B. L. Stokely

Name

B. L. Stokely

Position

Senior Engineer

Company

ARCO Oil and Gas Company

Date

7-13-82

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

Registered Professional Engineer
and/or Land Surveyor

Certificate No.



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

BRUCE KING
GOVERNOR

July 28, 1982

LARRY KEHOE
SECRETARY

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-2434

ARGO Oil and Gas Company
P. O. Box 1610
Midland, Texas 79702

Attn: J. L. Tweed

Re: Application for Non-Standard
Proration Unit: W. H. Harrison
280-acre NSP - Jalmat Gas Pool
Lea County

We may not process the subject application for a non-standard proration unit until the required information or plats checked below (is)(are) submitted.

- ☐ A plat must be submitted clearly showing the ownership of the offsetting leases.
- ☒ A statement must be submitted that offset owners have been notified of the application by certified mail.
- ☐ A plat must be submitted identifying the requested non-standard proration unit and offsetting acreage.
- ☐ The pool(s) or formation(s) for which the non-standard proration unit is requested must be identified.
- ☐ Other:

Very truly yours,

R. L. STAMETS
Technical Support Chief

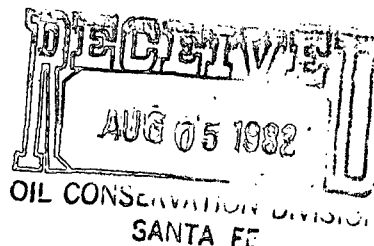
RLS/dr

ARCO Oil and Gas Company
Permian District
Post Office Box 1610
Midland, Texas 79702
Telephone 915 684 0149

Jerry L. Tweed
District Engineer



July 22, 1982



CERTIFIED
MAIL

Mr. Joe D. Ramey
New Mexico Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501

Dear Sir:

RE: W. H. Harrison "D" No. 7
Completion as a Jalmat Oil Well

ARCO Oil and Gas Company recently completed its W. H. Harrison "D" Well #7 in the Jalmat Pool. This well is located 1980' FSL and 1980' FWL of Section 29-T24S-R37E, Lea County, New Mexico.

On July 5, 1982, this well tested for 25 BOPD plus 400 MCFPD. With a GOR of 16,000, this well will be classified as an oil well. Well No. 7 is located in the same 320 acre non-standard proration unit established by Order No. 5392, dated March 15, 1977, and assigned to W. H. Harrison "A" WN No. 2 and W. H. Harrison "D" WN wells No. 1 and 6. These wells are produced as Jalmat gas wells.

ARCO Oil and Gas Company hereby requests a change from a 320 acre to a 280 acre non-standard proration unit, and assignment of a 40 acre proration unit to the newly completed W. H. Harrison "D" No. 7, a Jalmat oil well. This letter will serve to notify the offset operators. Your cooperation will be appreciated.

Yours very truly,

J. L. Tweed

JLT/BLS:dmm

Xc: New Mexico Oil Conservation Division
Hobbs, New Mexico

Offset Operators (list attached)
(Certified Mail)

OFFSET OPERATORS
W. H. HARRISON LEASE
W/2 Section 29, T-24S, R-37E
Lea County, New Mexico

APCO Oil Company
P. O. Box 1027
Odessa, Texas 79760

Cities Service Oil Company
P. O. Box 1919
Midland, Texas 79701

Conoco
P. O. Box 460
Hobbs, New Mexico

Gulf Energy & Minerals - US
P. O. Box 1150
Midland, Texas 79701

Reserve Oil
201 First Savings Bldg.
Midland, Texas 79701

Union Texas Petroleum
1300 Wilco Bldg.
Midland, Texas 79701

Wiser Oil Company
P. O. Box 2467
Hobbs, New Mexico

DOYLE HARTMAN

Oil Operator

500 N. MAIN

P.O. BOX 10426

MIDLAND, TEXAS 79702

(915) 684-4011

August 22, 1984

State of New Mexico
Energy & Minerals Department
Oil Conservation Division
Post Office Box 2088
Santa Fe, New Mexico 87501

Attention: Mr. Joe D. Ramey

Re: ARCo Oil & Gas Company
Application for
Non-Standard Proration
Unit
W. H. Harrison Lease-
Jalmat Gas Pool
W/2 of Section 29
T-24-S, R-37-E
Lea County, New Mexico

Gentlemen:

Please find enclosed Doyle Hartman's signed waiver of objection to ARCo's request for non-standard proration unit for its W. H. Harrison Lease.

Very truly yours,

DOYLE HARTMAN

Michelle Hembree

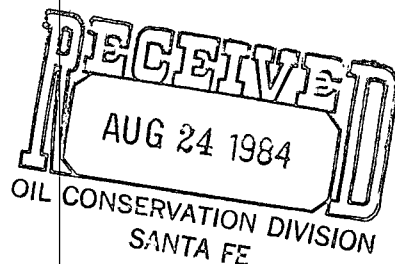
Michelle Hembree
Administrative Assistant

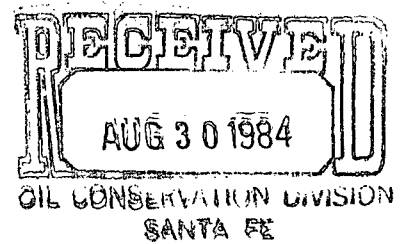
MH/dm

Enclosure

cc: ARCo Oil & Gas Company
Post Office Box 1610
Midland, Texas 79702

Attention: Mr. Joe R. Hastings
District Engineer





Getty Oil Company

P.O. Box 730, Hobbs, New Mexico 88240

(505) 397-3571

Central Exploration and Production Division

August 24, 1984

New Mexico Oil Conservation Division
P.O. Box 2088
Santa Fe, New Mexico 87501

ATTENTION: MR. JOE D. RAMEY

RE: APPLICATION FOR NON-STANDARD
PRORATION UNIT - W.H. HARRISON
LEASE - JALMAT POOL - W/2 Sec.
29, T24S, R37E, Lea County, NM


Gentlemen:

Getty Oil Company has no objections to ARCO's request for administrative approval to form a 320 acre non-standard proration unit consisting of the W/2 Sec. 29, T24S, R37E as per ARCO's letter of July 17, 1984.

Very truly yours,

GETTY OIL COMPANY

Dale R. Crockett
Area Superintendent


DJS/cb

cc: Ms. Cindy Ellis-ARCO

ARCO Oil and Gas Company
Permian District
Post Office Box 1610
Midland, Texas 79702
Telephone 915 684 0149



Joe R. Hastings
District Engineer — West

8/19/84
No objections
DJK

July 17, 1984

Mr. Joe D. Ramey
New Mexico Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501

Dear Mr. Ramey:

Application for Non-Standard Proration Unit
W. H. Harrison Lease - Jalmat Gas Pool
W/2 of Sec. 29, T24S, R37E
Lea County, New Mexico

ARCO Oil and Gas Company respectfully requests administrative approval to form a 320 acre non-standard proration unit consisting of the W/2 of Sec. 29, T24S, R37E. We ask that this non-standard unit be dedicated as a multiple well unit to the following wells:

W. H. Harrison "A" No. 2
W. H. Harrison "D" No. 1
W. H. Harrison "D" No. 6
W. H. Harrison "D" No. 7

An existing 280 acre non-standard proration unit is dedicated as a multiple well unit to the W. H. Harrison "A" No. 2, "D" No. 1, and "D" No. 6. The "D" No. 7 is currently classified as a Jalmat oil well, but will be reclassified as a Jalmat gas well effective September 1, 1984, due to a recent GOR test.

ARCO Oil and Gas 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.

Attached is a map showing offset operators, a well location and dedication plat (Form C-102), and a list of offset operators. This letter will also serve to notify the offset operators.

Very truly yours,

J. R. Hastings

J. R. Hastings
District Engineer

Xc: New Mexico Oil Conservation Div.
P. O. Box 1980
Hobbs, New Mexico 88240

Xc: Offset Operators

JRH:sc

Atts

ARCO Oil and Gas Company is a Division of AtlanticRichfieldCompany



OFFSET OPERATORS
W. H. HARRISON LEASE
W/2 Section 29, T24S, R37E
Lea County, New Mexico

Southland Royalty Company
21 Desta Drive
Midland, Texas 79701
Attn: John Stark

Cities Service Oil Company
P. O. Box 1919
Midland, Texas 79701

Conoco
P. O. Box 460
Hobbs, New Mexico 88240

Gulf Energy & Minerals - US
P. O. Box 1150
Midland, Texas 79701

Getty Oil Co.
P. O. Box 730
Hobbs, New Mexico 88240
Attn: Don Steinnerd

Union Texas Petroleum
4000 N. Big Spring
Suite 500
Midland, Texas 79705

Wiser Oil Company
1601 Highland Drive
Hobbs, New Mexico 88240

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-102
Revised 10-1-78

All distances must be from the outer boundaries of the Section.

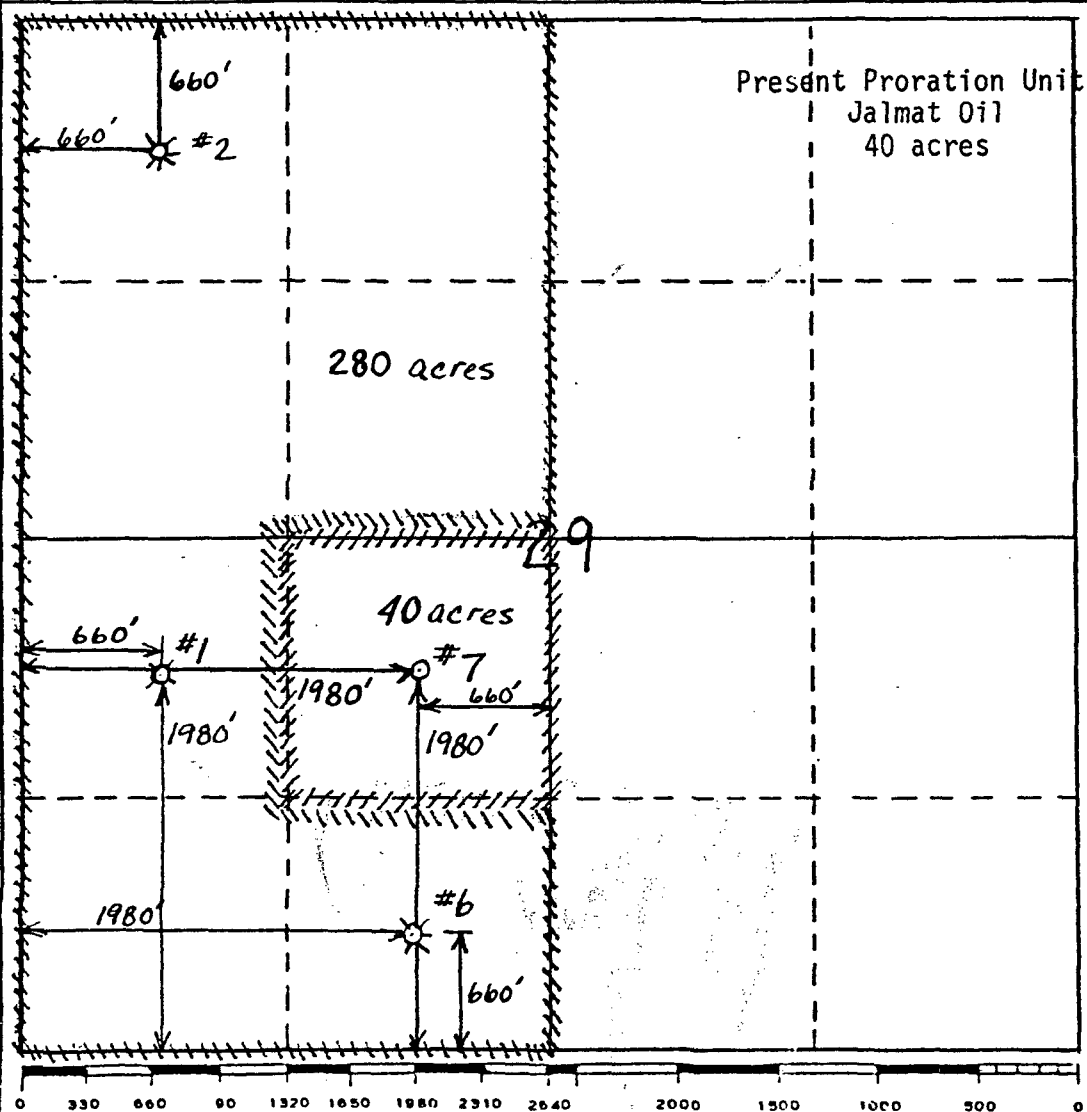
Operator ARCO Oil and Gas Co.			Lease W. H. Harrison "D"		Well No. 7
Unit Letter K	Section 29	Township 24S	Range 37E	County Lea	
Actual Footage Location of Well:					
1980 feet from the South line and		1980 feet from the West line			
Ground Level Elev. 3251.8	Producing Formation Yates - Seven Rivers	Pool Jalmat Oil	Dedicated Acreage: 40 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation Communitization

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 interests, has been approved by the Division.



CERTIFICATION

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

Cindy W. Ellis

Name

C. W. Ellis

Position

Engineer

Company

ARCO Oil and Gas Co.

Date

July 17, 1984

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

Registered Professional Engineer
and/or Land Surveyor

Certificate No.

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-102
Revised 10-1-78

All distances must be from the outer boundaries of the Section.

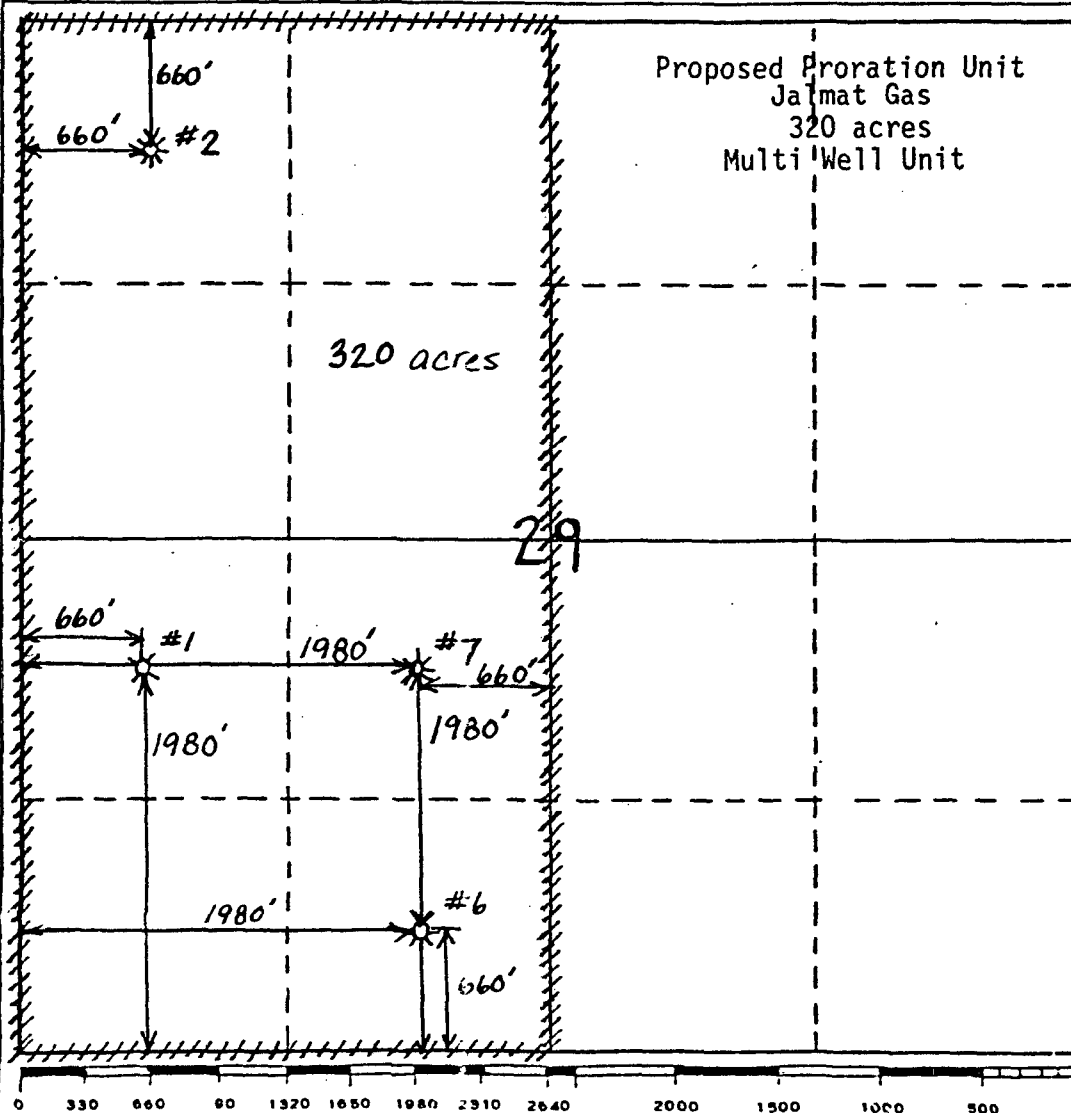
Operator ARCO Oil and Gas Co.			Lease W. H. Harrison "A" & "D"			Well No. 1,2,6,7		
Unit Letter L,D,N,K	Section 29	Township 24S	Range 37E	County Lea				
Actual Footage Location of Well: (#7)								
1980 feet from the		South line and		1980 feet from the		West line		
Ground Level Elev. 3251.8	Producing Formation Yates - Seven Rivers		Pool Jalmat Gas		Dedicated Acreage: 320 Acres			

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation Communitization

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 interests, has been approved by the Division.



CERTIFICATION

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

Cindy W. Ellis

Name
C. W. Ellis

Position
Engineer

Company
ARCO Oil and Gas Co.

Date
July 17, 1984

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.

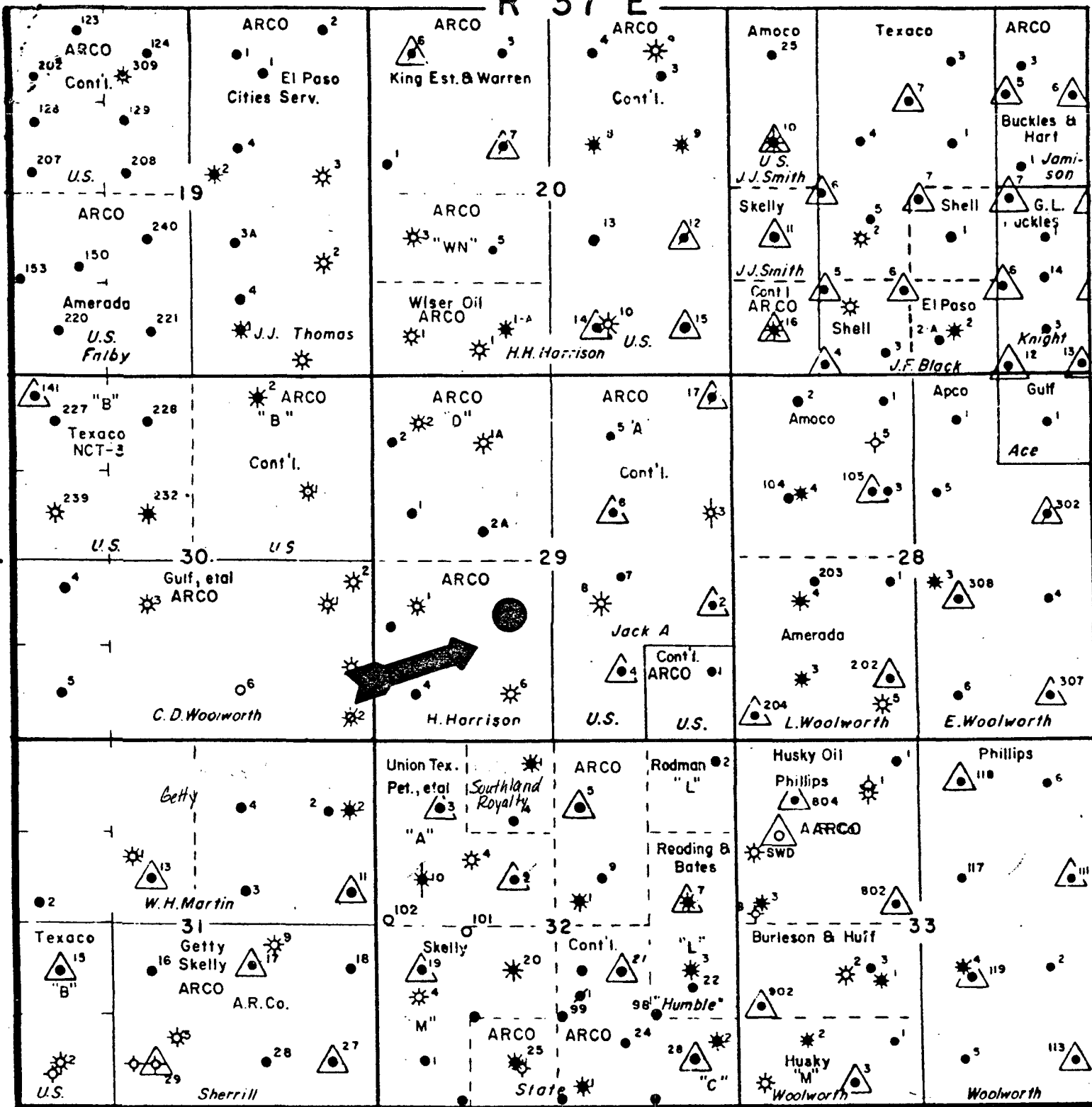
Date Surveyed

Registered Professional Engineer
and/or Land Surveyor

Certificate No.

T
24
S

R 37 E



ARCO Oil and Gas Company

Division of Atlantic Richfield Company

Permian District Midland, Texas

LEA COUNTY, NEW MEXICO

SCALE: 1" = 2000'

By: C. ELLIS	Drawn By:	Date: 7-84
Date: 7-84	Revised By:	Date:
Dept: WEST AREA ENGR.	Due to:	