

DAVID H. ARRINGTON OIL & GAS, INC.

OIL CONSERVATION DIVISION  
RECEIVED  
'95 JUN 15 AM 8 52

P.O. BOX 2071 , MIDLAND, TEXAS 79702  
OFF (915) 682-6685  
FAX (915) 682-4139

June 13, 1995

State of New Mexico  
Energy, Minerals & Natural Resources Dept.  
Oil Conservation Division  
Attn: Mr. Michael Stoggnier  
2040 S. Pacheco  
Santa Fe, New Mexico 87502

Re:	B.V. Culp #12	B.V. Culp #14
	1322' FNL & 990' FWL	2000' FNL & 1500' FEL
	Unit E, Sec. 19,	Unit G, Sec. 19
	T-19-S, R-37-E	T-19-S, R-37-E
	Lea County, NM	Lea County, NM

Dear Mr. Stoggnier:

David H. Arrington Oil & Gas, Inc. hereby makes application for unorthodox locations for the above referenced wells. These wells are located on the previously established B.V. Culp NCT A 477.17 acre proration unit. Please reference your order numbers R-1487, R-6482, NSL-2919 (SD) and R-9575 for previous orders covering this proration unit.

David H. Arrington Oil & Gas, Inc. hereby requests approval for the unorthodox locations and simultaneous dedication with the existing ~~B.V. Culp NCT A COM #9 & #10 & #11 wells~~. I have enclosed information previously provided as well as some additional data as requested.

Thank you for your help and we look forward to your expedient response.

Yours very truly,



David H. Arrington

# DAVID H. ARRINGTON OIL & GAS, INC.

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P.O. BOX 2071 , MIDLAND, TEXAS 79702  
OFF (915) 682-6685  
FAX (915) 682-4139

May 30, 1995

State of New Mexico  
Energy, Minerals & Natural Resources Dept.  
Oil Conservation Division  
Attn: Mr. Michael Stoggnier  
P.O. Box 2088  
Santa Fe, New Mexico 87504

Re: B.V. Culp #12  
1322' FNL & 990' FWL  
Unit E, Sec. 19, T-19-S, R-37-E  
Lea County, New Mexico

Dear Mr. Stoggnier:

I am requesting an Application for an Unorthodox Well Location and a Non-Standard Spacing Unit for the above mentioned property. It is my understanding that you spoke with Mr. Jerry Sexton on May 9, 1995 and the above request has been verbally approved. The following is a brief evaluation for the requested location:

An on-site inspection of the location confirmed that there is an existing well at the legal location in Unit E, Section 19, T-19-S, R-37-E. The well is the Chevron B.V. Culp #5 therefore the location for the David H. Arrington Oil & Gas, Inc. B.V. Culp #12 had to be staked at an unorthodox location in Unit E.

If you need anything further to proceed with your consideration of this application, please notify the undersigned.

Sincerely,



Sheryl S. Jordan

:ssj

# DAVID H. ARRINGTON OIL & GAS, INC.

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P.O. BOX 2071 , MIDLAND, TEXAS 79702  
OFF (915) 682-6685  
FAX (915) 682-4139

May 10, 1995

State of New Mexico  
Energy, Minerals & Natural Resources Dept.  
Oil Conservation Division  
Attn: Mr. William J. Lemay  
P.O. Box 2088  
Santa Fe, New Mexico 87504

Re: B.V. Culp #12  
1322' FNL & 990' FWL  
Unit E, Sec. 19, T-19-S, R-37-E  
Lea County, New Mexico

Dear Mr. Lemay:

I am requesting an Application for an Unorthodox Well Location and a Non-Standard Spacing Unit for the above mentioned property. It is my understanding that you spoke with Mr. Jerry Sexton on May 9, 1995 and the above request has been verbally approved. We have several reasons for the requested location which are as follows:

1. Geologically it is a better spot, pay is thicker here.
2. It's in the middle of a Grayberg San Andres unit with wells every 40 acres, centerspot.
3. It's the only place in the area free of flowlines and electrical lines

If you need anything further to proceed with your consideration of this application, please notify the undersigned.

Sincerely,



Sheryl S. Jordan

:ssj

# DAVID H. ARRINGTON OIL & GAS, INC.

P.O. BOX 2071 , MIDLAND, TEXAS 79702  
OFF (915) 682-6685  
FAX (915) 682-4139

May 10, 1995

Chevron, U.S.A., Inc.  
Attn: Ms. Denise Beckham  
15 Smith Rd.  
Midland, Texas 79705  
FAX #687-7448

Re: B.V. Culp #12  
Sec. 19, T-19-S, R-37-E  
Lea County, New Mexico

Dear Ms. Beckham:

As per our conversation and request from Jerry Sexton of the New Mexico Oil Conservation Division. He requests some type of indication that David H. Arrington Oil & Gas, Inc. has a right to drill the B.V. Culp #12 as proposed on the above captioned property on this Chevron Eumont COM lease.

Would you please concur by your signature below that David H. Arrington Oil & Gas, Inc. does have the right to drill the B.V. Culp #12 located at Section 19, T-19-S, R-37-E, Lea County, New Mexico.

In addition, the NMOCD has requested that this location be moved off of the 1/4 1/4 lines. I propose that we move it 2 feet to the south which will be 1322' FNL & 990' FWL. They need it moved off the line so it can be actually in one of the unit letters. If this is also acceptable from you please indicate by your signature below.

Thank you very much for your help on this.

Yours very truly,



David H. Arrington

DHA/ssj.

Chevron, U.S.A. Production Co. agrees that David H. Arrington Oil & Gas, Inc. has the right to drill the above captioned B.V. Culp #12 ~~and the location change is also agreeable to Chevron.~~ Chevron agrees with the need to change the location per NMOCD request and notes that the new location is an unorthodox Eumont gas well location.



By: Denise Beckham / Project Landman

0595-17

# DAVID H. ARRINGTON OIL & GAS, INC.

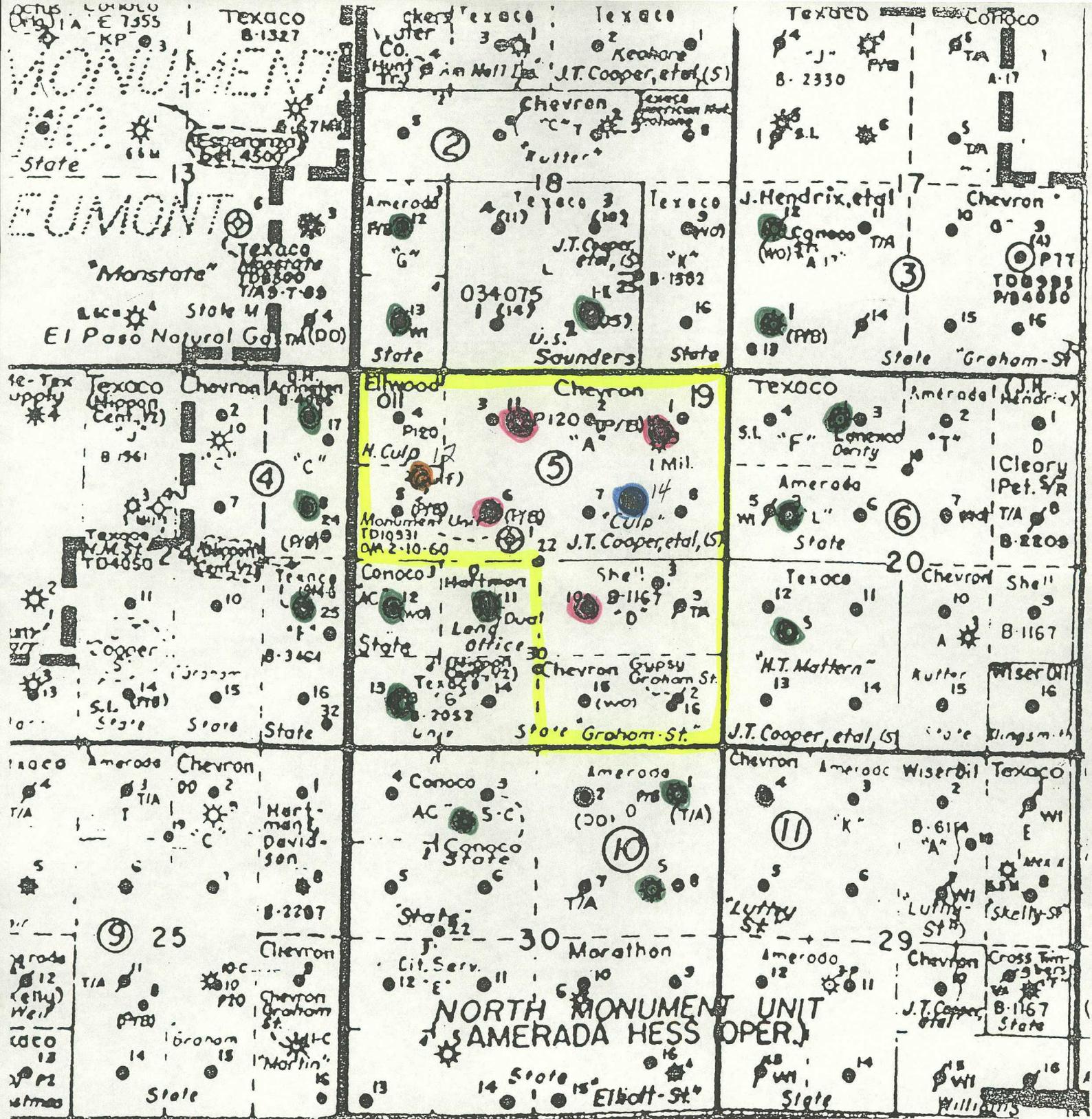
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P.O. BOX 2071 , MIDLAND, TEXAS 79702  
OFF (915) 682-6685  
FAX (915) 682-4139

## AFFIDAVIT FOR NOTIFICATION B.V. CULP #12

The below were notified of the above mentioned drilling proposal, May 16, 1995

Conoco, Inc.  
Chevron, USA  
Amerada Hess  
Lanexco  
Hunter Resources  
Phillips Petroleum Co.  
John Hendrix Corp.  
Texaco, Inc.



B.V. Culp #12 - Land Plat - David H. Arrington Oil & Gas, Inc.  
 Unit E, SW/4, NW/4, Sec. 19, T-19-S, R-37-E, Lea County, New Mexico

-  B.V. Culp 480 Acre Proration Unit
-  B.V. Culp Eumont Completions
-  Offset Eumont Completions
-  B.V. Culp #14 Location (2000' FNL, 1500' FEL)
-  B.V. Culp #12 Location (1322' FNL & 990' FWL)

JUN 6 1995

FEB 28 1994

District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
PO Drawer DD, Artesia, NM 88211-0719  
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-101  
Revised February 10, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 6 Copies  
Fee Lease - 5 Copies

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Operator Name and Address. DAVID H. ARRINGTON OIL & GAS, INC. P.O. BOX 2071 MIDLAND, TX. 79702		GRID Number 005898
		API Number 30-025-3297
Property Code 17080	Property Name BV Culp	Well No. 12

Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
E	19	19-S	37-E		1322	North	990	West	Lea

Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
Proposed Pool 1 EUMONT (YATES SEVEN RIVERS QUEEN)					Proposed Pool 2				

Work Type Code N	Well Type Code G	Cable/Rotary R	Lease Type Code S	Ground Level Elevation 3698
Multiple No	Proposed Depth 3550	Formation EUMONT YATES 7-RIVERS QUEEN	Contractor NA	Spud Date 5/28/95

Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/4	8 5/8	24#	460	700	Surface
7 7/8	5 1/2	15.5#	3550	550	Surface

Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

SEE ATTACHMENT

Permit Expires 6 Months From Approval  
Date Unless Drilling Underway.

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

Signature:  
  
Printed name:  
DAVID H. ARRINGTON  
Title:  
PRESIDENT

Date:  
5/9/95  
Phone:  
915-682-6685

OIL CONSERVATION DIVISION	
Approved by:	ORIGINAL SIGNED BY GARY WINK
Title:	FIELD REP. II
Approval Date:	JUN 02 1995
Expiration Date:	
Conditions of Approval: Attached <input type="checkbox"/>	

DAVID H. ARRINGTON OIL & GAS, INC.  
B.V. CULP WELL #12

DRILLING PROGNOSIS

1. Move in and rig up rotary rig. Drill 12 1/4" hole to approximately 460' (minimum of 50' into the red bed) to accommodate 8 5/8" casing. Could be as shallow as 350' to 400'. Use geolograph from surface to TD. Take deviation survey every 500' or less than at TD.
2. Run 8 5/8", 24#, J-55, ST&C casing with guide shoe and insert float valve one joint up. Thread lock guide shoe and first collar. Run one centralizer 10' above shoe with lock ring and one on next two collars for a total of 3 centralizers. Hang casing in tension.
3. Cement 8 5/8" casing with sufficient cement to circulate to surface (approx. 300 sx). Pump cement down with wooden plug. Bump plug with approximately 500 psi over pump pressure. Check flow back, if float holds OK, leave pressure off casing.
4. WOC 6 hours. Cut off casing and install 8 5/8" by 5 1/2" casing head. Nippleup BOP. Test blank rams and casing to 1000 psi for 15 min. Note test on tour sheet.
5. Run 7 7/8" bit and tag cementing plug. Test casing and pipe rams to 1000 psi for 15 min. Note test on tour sheet. WOC a total of 12 hours and drill out plug, float, and shoe joint.
6. Drill 7 7/8" hole to approximately 3550'. TD will be picked by wellsite engineer. While drilling, record on tour reports any drilling problems, bridges, lost circulation or unusual hole conditions. Strap drill pipe out of hold at TD. Record results on tour reports. Install mud logging unit at 2,500'.
7. Circulate and condition mud an hole at TD for logs. Pull bit strapping out of hole.
8. Run open hole logs.
9. Run bit to TD and condition mud and hole for casing. Pull bit laying down DP & DC.
10. Run 5 1/2", 15.5#, J-55, ST&C, 8Rd, New Production Casing. Run float shoe and float collar one (1) joint up. Thread lock shoe and collar. Run 8 centralizers: One 15' above shoe and one 15' above collar with lock rings. Then every other collar to centralize from 3550' to about 3000'. Ruff-cote casing across pay zones.
11. Reciprocate casing and circulate 1/2 hour before cementing. Cement per Halliburton recommendations. Reciprocate pipe until plug bumps or drag is excessive. Hang casing in tension 1' off bottom. Bump plug with 500 psi over pump pressure not to exceed 3000 psi. Bleed off pressure & check floats. If holds OK, leave casing open.
12. Nipple down BOP. Hang 5 1/2" casing in tension with hook load weight. Cut off 5 1/2" casing. Weld on 5 1/2" belled nipple. Secure wellhead with 5 1/2" casing collar with steel plate welded on collar.
13. Release rig. Record time on tour report.

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**

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

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

**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

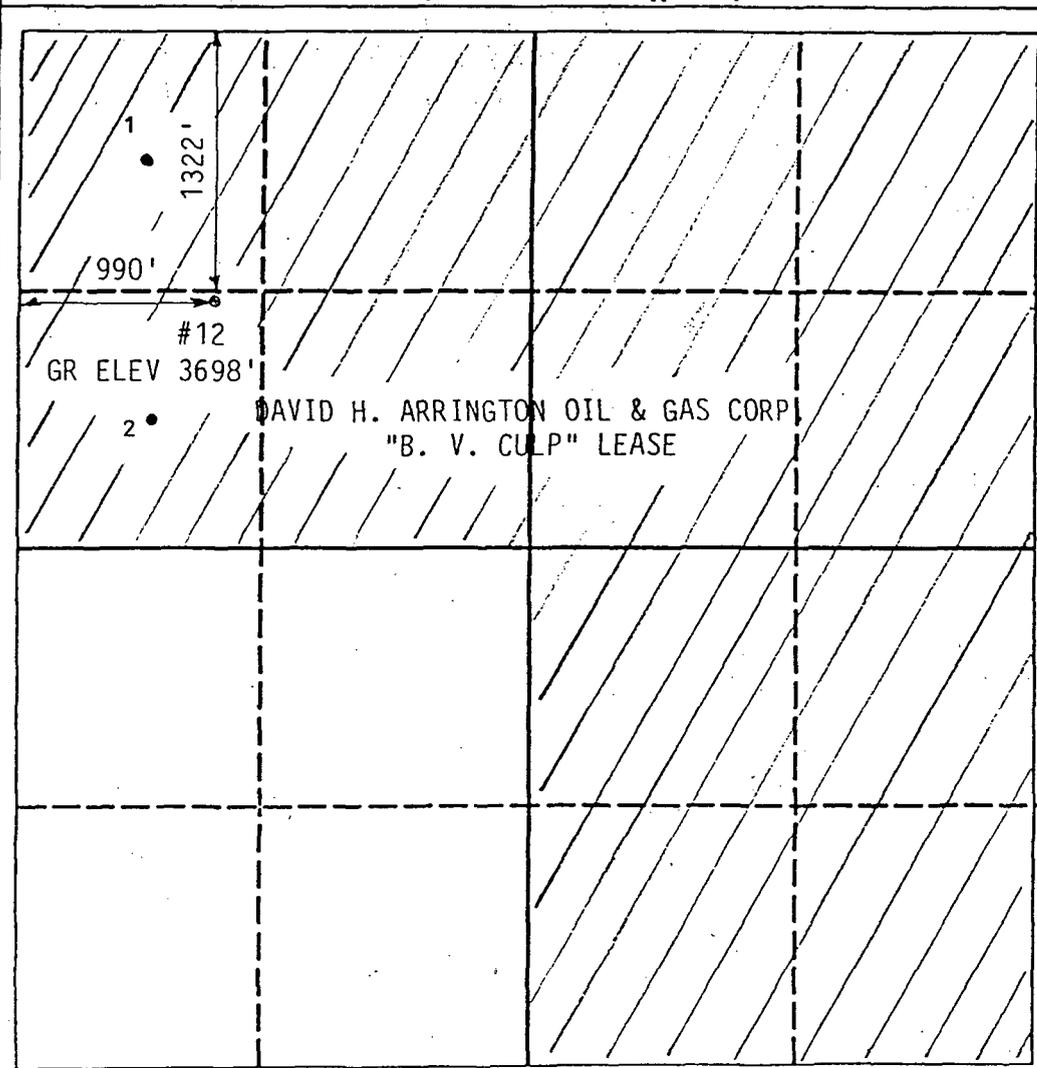
Operator David H. Arrington Oil & Gas Corp.		Lease B. V. Culp		Well No. 12	
Unit Letter E	Section 19	Township -19-S	Range -37-E	County Lea	
Actual Footage Location of Well: 1322 feet from the North line and 990 feet from the West line					
Ground level Elev. 3698	Producing Formation Yates - 7 Rivers - Queen		Pool Eumont (Yates - 7 Rivers - Queen)	Dedicated Acreage: 480 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 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

Printed Name

DAVID H. ARRINGTON

Position

PRESIDENT

Company

DAVID H. ARRINGTON OIL & GAS INC

Date

5/9/95

**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

January 11, 1995

Signature & Seal of Professional Surveyor

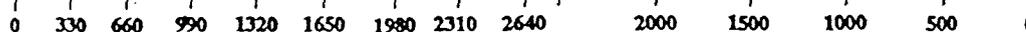
*Max A. Schumann Jr.*

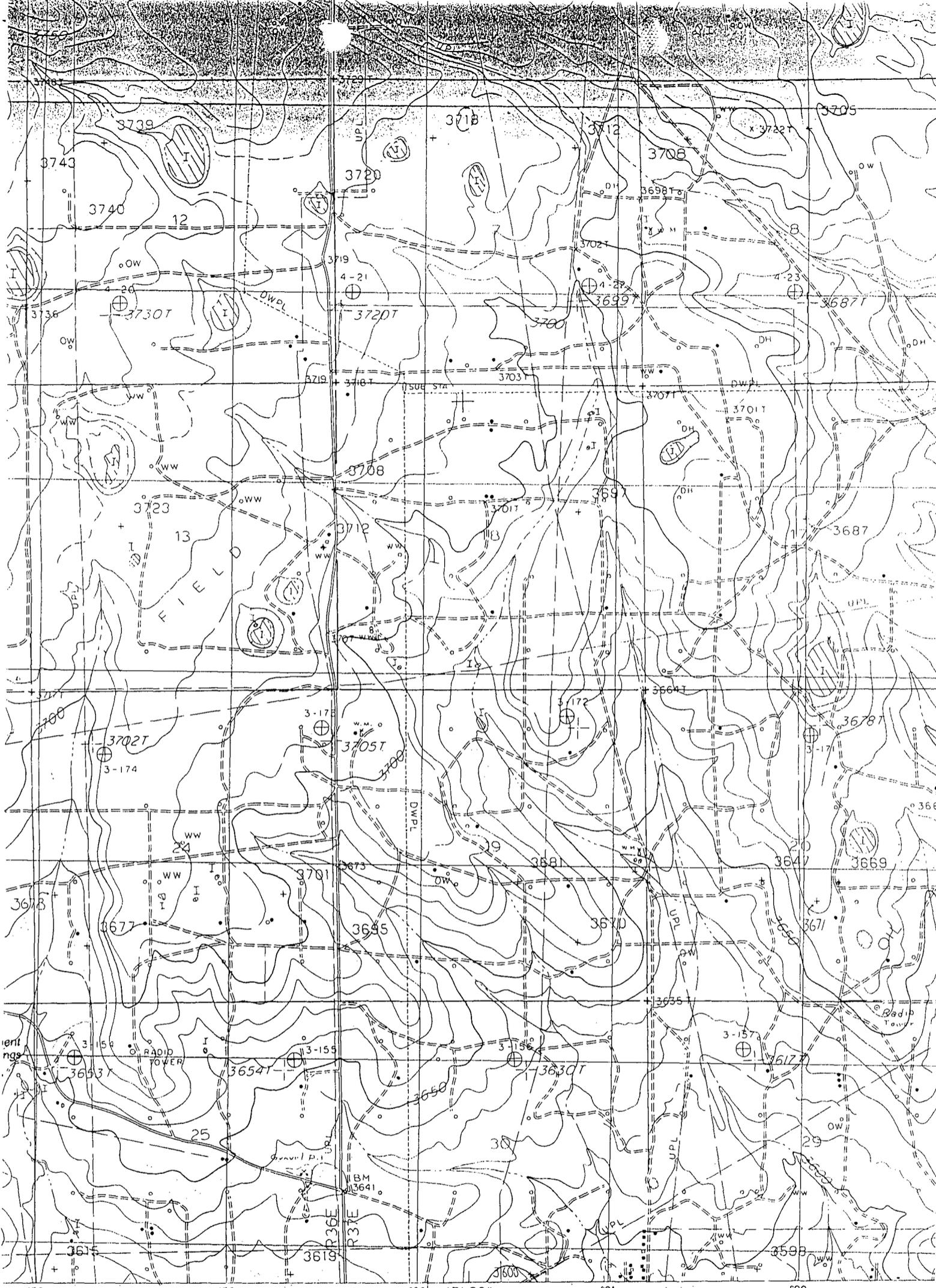
Max A. Schumann Jr.

Certificate No.

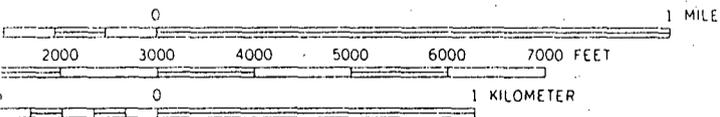
1510

Job No. 60,394-88





SCALE 1:24 000



QUADRANGLE LOCATION

CONTOUR INTERVAL 10 FEET  
 ELEMENTARY CONTOUR INTERVAL 5 FEET

1	2	3	1 Lovington SW 2 Lovington SE 3 Humble City
4		5	4 Ironhouse Draw 5 Hobbs West 6 Monument SW
6	7	8	7 Monument South 8 Hobbs SW

ADJOINING 7.5 QUADRANGLE NAMES

CONFORMS WITH NATIONAL MAP ACCURACY STANDARDS  
 GEOLOGICAL SURVEY, DENVER, COLORADO 80225  
 OR RESTON, VIRGINIA 22092

Improved F  
 Unimproved  
 Trail .....

Inters

MONU

# DAVID H. ARRINGTON OIL & GAS, INC.

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P.O. BOX 2071 , MIDLAND, TEXAS 79702  
OFF (915) 682-6685  
FAX (915) 682-4139

June 13, 1995

State of New Mexico  
Energy, Minerals & Natural Resources Dept.  
Oil Conservation Division  
Attn: Mr. Michael Stoggner  
2040 S. Pacheco  
Santa Fe, New Mexico 87502

Re:	B.V. Culp #12	B.V. Culp #14
	1322' FNL & 990' FWL	2000' FNL & 1500' FEL
	Unit E, Sec. 19,	Unit G, Sec. 19
	T-19-S, R-37-E	T-19-S, R-37-E
	Lea County, NM	Lea County, NM

Dear Mr. Stoggner:

David H. Arrington Oil & Gas, Inc. hereby makes application for unorthodox locations for the above referenced wells. These wells are located on the previously established B.V. Culp NCT A 477.17 acre proration unit. Please reference your order numbers R-1487, R-6482, NSL-2919 (SD) and R-9575 for previous orders covering this proration unit.

David H. Arrington Oil & Gas, Inc. hereby requests approval for the unorthodox locations and simultaneous dedication with the existing B.V. Culp NCT A COM #9, #10 & #11 wells. I have enclosed information previously provided as well as some additional data as requested.

Thank you for your help and we look forward to your expedient response.

Yours very truly,



David H. Arrington

# DAVID H. ARRINGTON OIL & GAS, INC.

---

P.O. BOX 2071 , MIDLAND, TEXAS 79702  
OFF (915) 682-6685  
FAX (915) 682-4139

May 30, 1995

State of New Mexico  
Energy, Minerals & Natural Resources Dept.  
Oil Conservation Division  
Attn: Mr. Michael Stoggner  
P.O. Box 2088  
Santa Fe, New Mexico 87504

Re: B.V. Culp #14  
2000' FNL & 1500' FEL  
Unit G, Sec. 19, T-19-S, R-37-E  
Lea County, New Mexico

Dear Mr. Stoggner:

I am requesting an Application for an Unorthodox Well Location and a Non-Standard Spacing Unit for the above mentioned property. It is my understanding that you spoke with Mr. Jerry Sexton on May 9, 1995 and the above request has been verbally approved. The following is a brief evaluation for the requested location:

An on-site inspection of the location confirmed that there is an existing well at the legal location in Unit G, Section 19, T-19-S, R-37-E. The well is the Chevron B.V. Culp #7 therefore the location for the David H. Arrington Oil & Gas, Inc. B.V. Culp #14 had to be staked at an unorthodox location in Unit G.

If you need anything further to proceed with your consideration of this application, please notify the undersigned.

Sincerely,



Sheryl S. Jordan

:ssj

DAVID H. ARRINGTON OIL & GAS, INC.

P.O. BOX 2071 , MIDLAND, TEXAS 79702  
OFF (915) 682-6685  
FAX (915) 682-4139

OIL CONSERVATION DIVISION  
RECEIVED

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May 10, 1995

State of New Mexico  
Energy, Minerals & Natural Resources Dept.  
Oil Conservation Division  
Attn: Mr. William J. Lemay  
P.O. Box 2088  
Santa Fe, New Mexico 87504

Re: B.V. Culp #14  
2000' FNL & 1500' FEL  
Unit G, Sec. 19, T-19-S, R-37-E  
Lea County, New Mexico

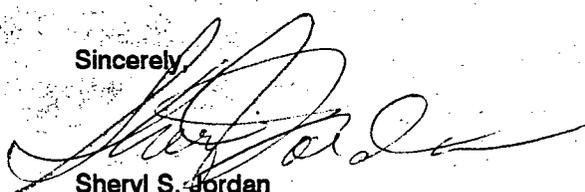
Dear Mr. Lemay:

I am requesting an Application for an Unorthodox Well Location and a Non-Standard Spacing Unit for the above mentioned property. It is my understanding that you spoke with Mr. Jerry Sexton on May 9, 1995 and the above request has been verbally approved. We have several reasons for the requested location which are as follows:

1. Geologically it is a better spot, pay is thicker here.
2. It's in the middle of a Grayberg San Andres unit with wells every 40 acres, centerspot.
3. It's the only place in the area free of flowlines and electrical lines

If you need anything further to proceed with your consideration of this application, please notify the undersigned.

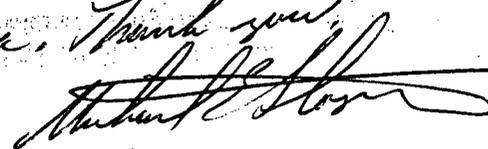
Sincerely,

  
Sheryl S. Jordan

:ssj

May 17, 1995

Please submit a proper application pursuant to the attached Memorandum, also include plat, maps, and a description of the area. Thank you.



cc - William J. Lemay & Jerry Sexton

0595-28

MAY 12 1995

DAVID H. ARRINGTON OIL & GAS, INC.

P.O. BOX 2071, MIDLAND, TEXAS 79702  
OFF (915) 682-6685  
FAX (915) 682-4139

May 9, 1995

Chevron, U.S.A., Inc.  
Attn: Ms. Denise Beckham  
15 Smith Rd.  
Midland, Texas 79705  
FAX #687-7448

Re: B.V. Culp #14 (NCT-A)  
Sec. 19, T-19-S, R-37-E  
Lea County, New Mexico

Dear Ms. Beckham:

As per our conversation and request from Jerry Sexton of the New Mexico Oil Conservation Division. He requests some type of indication that David H. Arrington Oil & Gas, Inc. has the right to drill the B.V. Culp #14 as proposed on the above captioned property on this Chevron Eumont Communitization lease.

Would you please concur by your signature below that David H. Arrington Oil & Gas, Inc. does have the right to drill the B.V. Culp #14 located at Section 19, T-19-S, R-37-E, Lea County, New Mexico.

Thank you very much for your help on this.

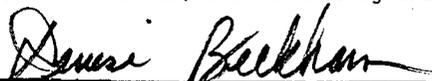
Yours very truly,



David H. Arrington

DHA/ssj

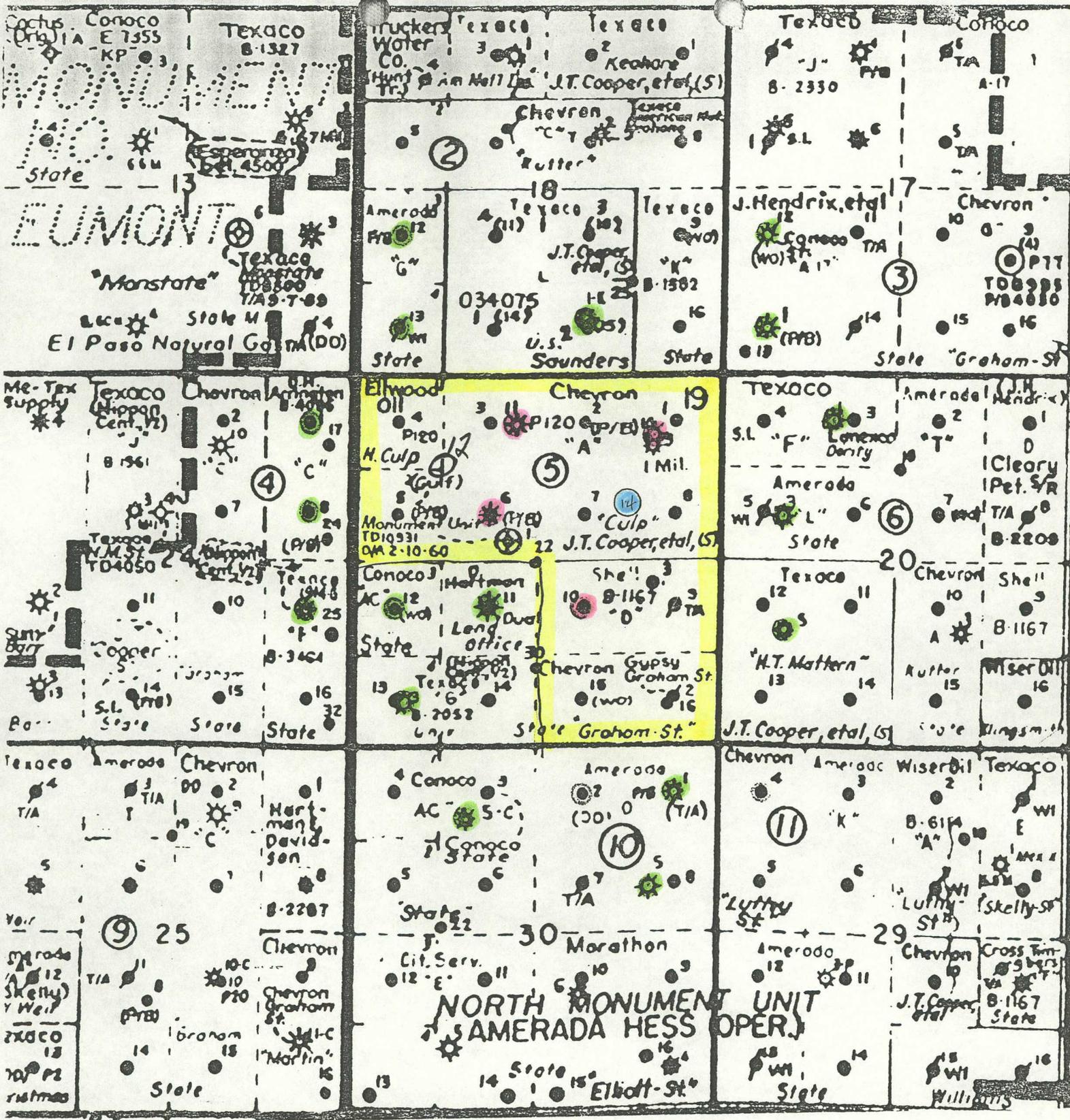
Chevron U.S.A. Production Co. agrees that David H. Arrington Oil & Gas, Inc. has the right to drill the B.V. Culp #14 on the above captioned acreage, at a more specific location of 2000' FNL and 1500' FEL of said Section 19, Chevron noting that this is a non-standard location.



By: Denise Beckham / Project Landman

0505-18

Mailed to Jerry Sexton 5-16-95



B.V. Culp #14 - Land Plat - David H. Arrington Oil & Gas, Inc.  
 N/2, SE/4 Sec. 19, T19S R37E Lea County, New Mexico

- B.V. Culp 480 Acre Proration Unit
- B.V. Culp Eumont Completions
- Offset Eumont Completions
- B.V. Culp #14 Location (2,000' FNL, 1,500' FEL)

*Certified  
 Correct!*

*Call was made  
 for Board List  
 Schindler  
 Approval*

MAY 18 1995

FEB 28 1994

District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
PO Drawer DD, Artesia, NM 88211-0719  
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-101  
Revised February 10, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 6 Copies  
Fee Lease - 5 Copies

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Operator Name and Address. DAVID H. ARRINGTON OIL & GAS, INC. P.O. BOX 2071 MIDLAND, TX. 79702		' OGRID Number 005898
		' API Number 30-025-32961
' Property Code 17080	' Property Name B.V. CULP	' Well No. 14

7 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	19	19-S	37-E		2000'	North	1500	East	Lea

8 Proposed 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
' Proposed Pool 1 Eumont (Yates 7-Rivers Queen)					' Proposed Pool 2				

' Work Type Code N	' Well Type Code G	' Cable/Rotary R	' Lease Type Code S	' Ground Level Elevation 3663'
' Multiple No	' Proposed Depth 3550'	' Formation EUMONT YATES SEVEN RIVERS QUEEN	' Contractor NA	' Spud Date 5/28/95

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/4	8 5/8"	24#	460	700	Surface
7 7/8	5 1/2"	15.5#	3550	550	Surface

Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

SEE ATTACHMENT

Permit Expires 6 Months From Approval  
Date Unless Drilling Underway.

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

Signature: *David H. Arrington*

Printed name: David H. Arrington

Title: President

Date: 5/8/95

Phone: 915-682-6685

OIL CONSERVATION DIVISION

Approved by: **Orig. Signed by Paul Kauts Geologist**

Title: **Geologist**

Approval Date: **MAY 17 1995**

Expiration Date:

Conditions of Approval:  
Attached

DAVID H. ARRINGTON OIL & GAS, INC.  
B.V. CULP WELL #14

DRILLING PROGNOSIS

1. Move in and rig up rotary rig. Drill 12 1/4" hole to approximately 460' (minimum of 50' into the red bed) to accommodate 8 5/8" casing. Could be as shallow as 350' to 400'. Use geolograph from surface to TD. Take deviation survey every 500' or less than at TD.
2. Run 8 5/8", 24#, J-55, ST&C casing with guide shoe and insert float valve one joint up. Thread lock guide shoe and first collar. Run one centralizer 10' above shoe with lock ring and one on next two collars for a total of 3 centralizers. Hang casing in tension.
3. Cement 8 5/8" casing with sufficient cement to circulate to surface (approx. 300 sx). Pump cement down with wooden plug. Bump plug with approximately 500 psi over pump pressure. Check flow back, if float holds OK, leave pressure off casing.
4. WOC 6 hours. Cut off casing and install 8 5/8" by 5 1/2" casing head. Nippleup BOP. Test blank rams and casing to 1000 psi for 15 min. Note test on tour sheet.
5. Run 7 7/8" bit and tag cementing plug. Test casing and pipe rams to 1000 psi for 15 min. Note test on tour sheet. WOC a total of 12 hours and drill out plug, float, and shoe joint.
6. Drill 7 7/8" hole to approximately 3550'. TD will be picked by wellsite engineer. While drilling, record on tour reports any drilling problems, bridges, lost circulation or unusual hole conditions. Strap drill pipe out of hold at TD. Record results on tour reports. Install mud logging unit at 2,500'.
7. Circulate and condition mud an hole at TD for logs. Pull bit strapping out of hole.
8. Run open hole logs.
9. Run bit to TD and condition mud and hole for casing. Pull bit laying down DP & DC.
10. Run 5 1/2", 15.5#, J-55, ST&C, 8Rd, New Production Casing. Run float shoe and float collar one (1) joint up. Thread lock shoe and collar. Run 8 centralizers: One 15' above shoe and one 15' above collar with lock rings. Then every other collar to centralize from 3550' to about 3000'. Ruff-cote casing across pay zones.
11. Reciprocate casing and circulate 1/2 hour before cementing. Cement per Halliburton recommendations. Reciprocate pipe until plug bumps or drag is excessive. Hang casing in tension 1' off bottom. Bump plug with 500 psi over pump pressure not to exceed 3000 psi. Bleed off pressure & check floats. If holds OK, leave casing open.
12. Nipple down BOP. Hang 5 1/2" casing in tension with hook load weight. Cut off 5 1/2" casing. Weld on 5 1/2" belled nipple. Secure wellhead with 5 1/2" casing collar with steel plate welded on collar.
13. Release rig. Record time on tour report.

**DAVID H. ARRINGTON OIL & GAS, INC.**

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P.O. BOX 2071 , MIDLAND, TEXAS 79702  
OFF (915) 682-6685  
FAX (915) 682-4139

**AFFIDAVIT FOR NOTIFICATION  
B.V. CULP #14**

The below were notified of the above mentioned drilling proposal, May 11, 1995

Conoco, Inc.  
Chevron, USA  
Amerada Hess  
Lanexo  
Hunter Resources  
Phillips Petroleum Co.  
John Hendrix Corp.  
Texaco, Inc.

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

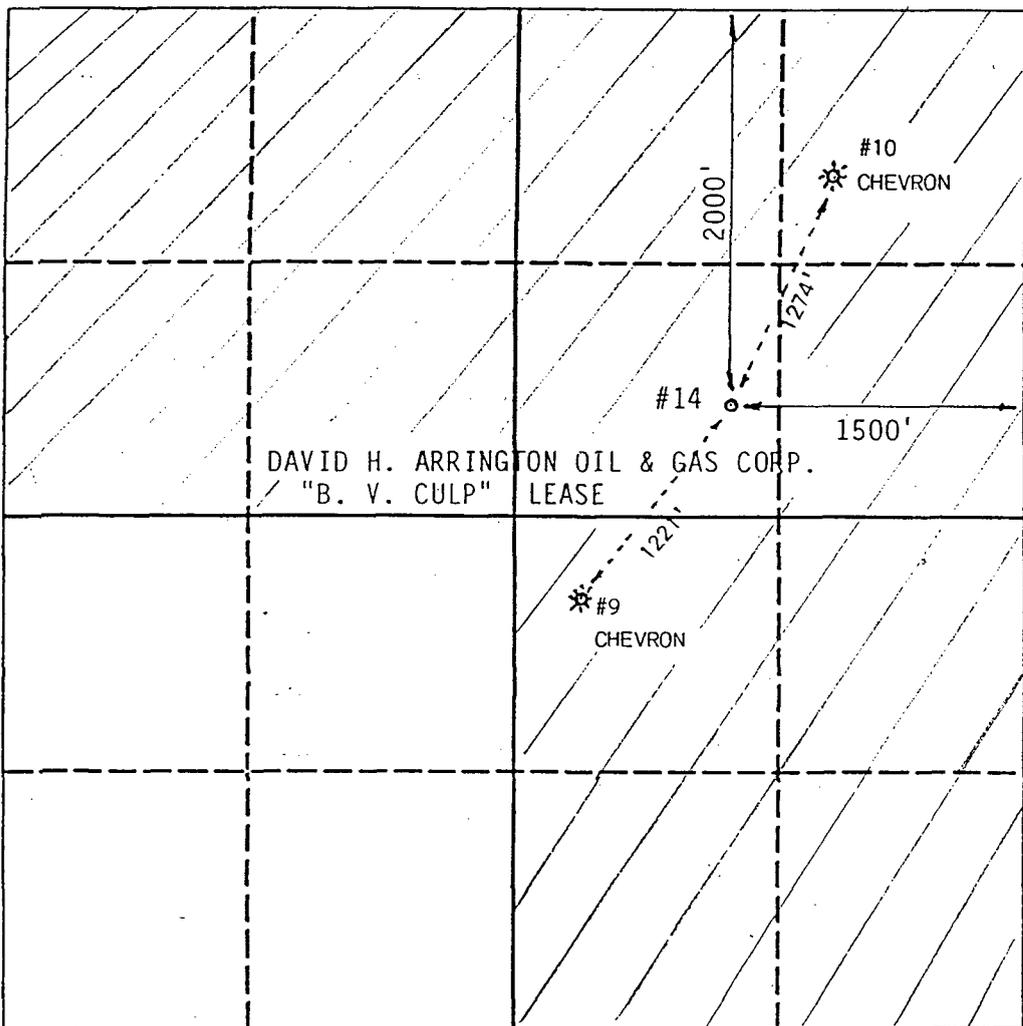
Operator DAVID H. ARRINGTON OIL & GAS CORP.		Lease B. V. CULP		Well No. 14
Unit Letter G	Section 19	Township -19-S	Range -37-E	County LEA
Actual Footage Location of Well: 2000 feet from the NORTH line and 1500 feet from the EAST line				
Ground level Elev. 3663'	Producing Formation YATES - 7 RIVERS - QUEEN		Pool EUMONT (YATES - 7 RIVERS - QUEEN)	Dedicated Acreage: 480 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.

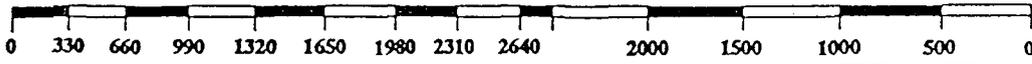


**OPERATOR CERTIFICATION**  
 I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

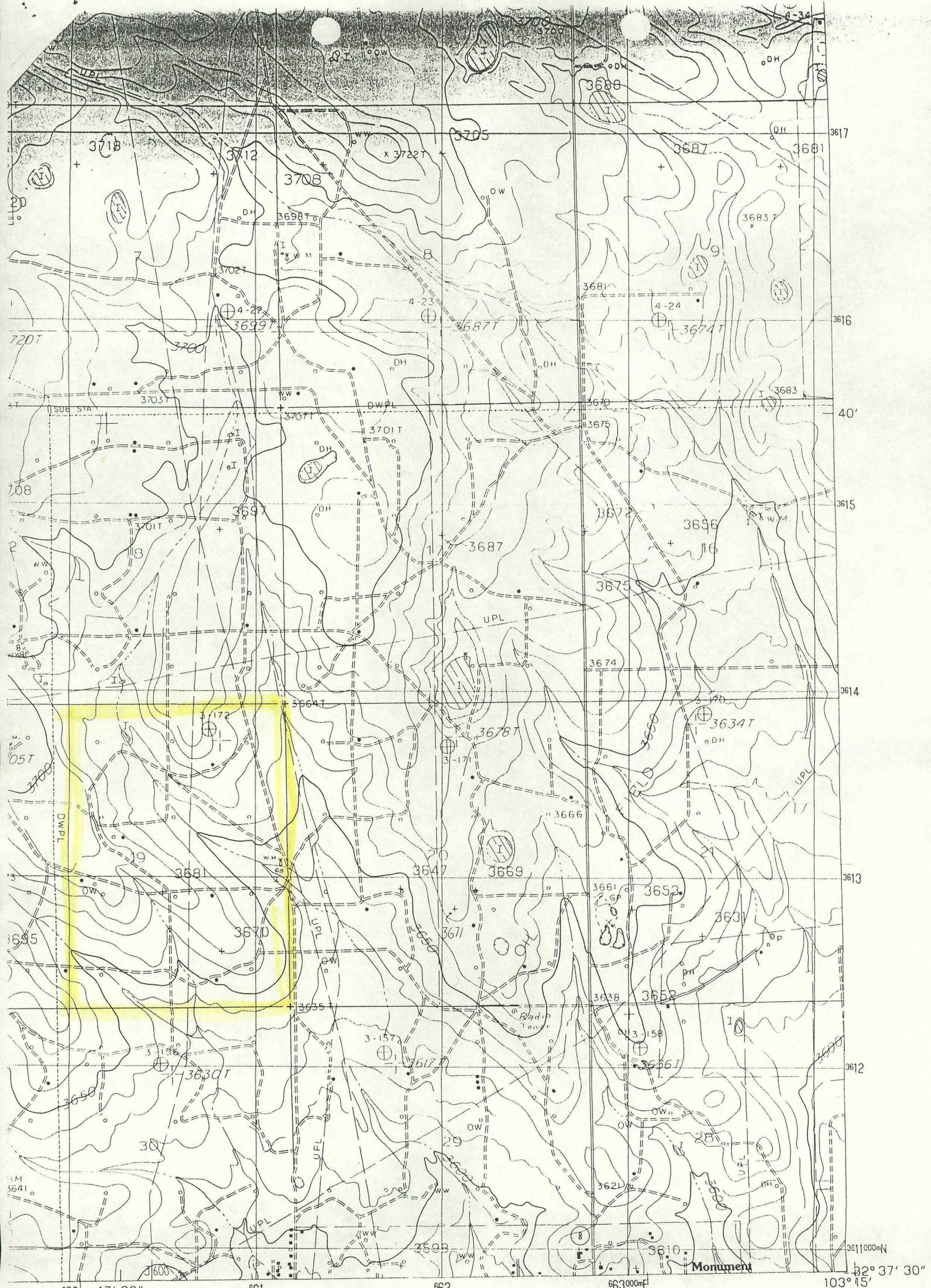
Signature  
 DAVID H. ARRINGTON  
 Printed Name  
 PRESIDENT  
 Position  
 DAVID H. ARRINGTON OIL & GAS, INC.  
 Company  
 5/8/95  
 Date

**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  
 FEBRUARY 6, 1995  
 Signature & Seal of Professional Surveyor  
 MAX A. SCHUMANN, JR.  
 Certificate No.  
 1510



JOB NO. 60,448



INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1985

1 MILE  
ET



QUADRANGLE LOCATION

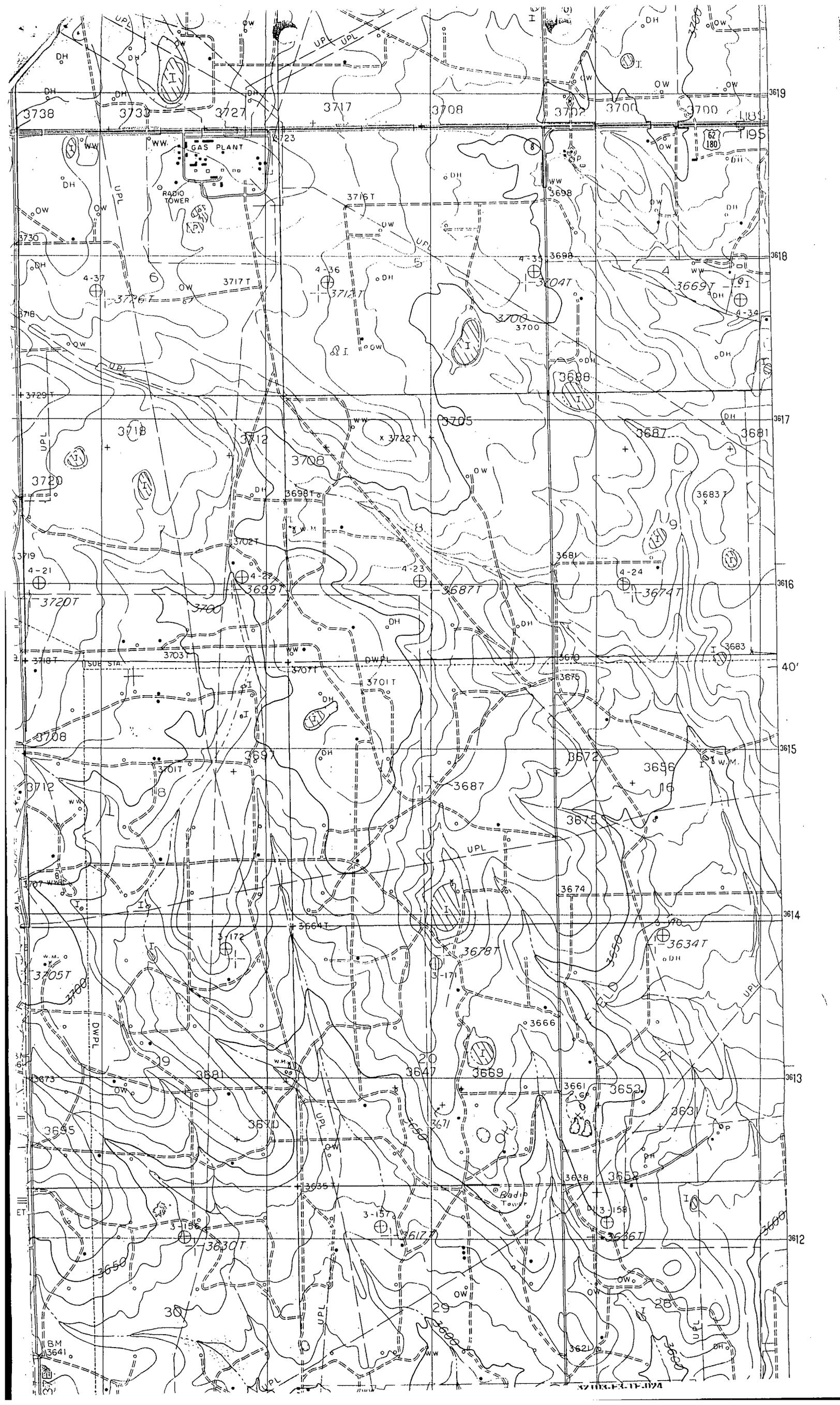
**ROAD LEGEND**

- Improved Road .....
- Unimproved Road .....
- Trail .....

- Interstate Route
- U.S. Route
- State Route

1	2	3	1 Lovington SW
			2 Lovington SE
			3 Humble City
4		5	4 Ironhouse Draw
			5 Hobbs West
			6 Monument SW
6	7	8	7 Monument South
			8 Hobbs SW

**MONUMENT NORTH, NEW MEXICO**  
PROVISIONAL EDITION 1985



Received June 15, 1995  
Released 7/14/95

NSL-2919.A

July 14, 1995

David H. Arrington Oil & Gas, Inc.  
P. O. Box 2071  
Midland, Texas 79702

Attention: David H. Arrington

*Administrative Order NSL-2919-A(SD)*

Dear Mr. Arrington:

Reference is made to your applications dated May 10, May 30, and June 13, 1995 for two unorthodox Eumont gas well locations in an existing non-standard 477.14-acre gas spacing and proration unit ("GPU") for said Eumont Gas Pool comprising Lots 1 and 2, NE/4, E/2 NW/4, and SE/4 of Section 19, Township 19 South, Range 37 East, NMPM, Lea County, New Mexico. Said GPU was authorized by Division Order No. R-1487, dated September 14, 1959 and had dedicated thereon the B. V. Culp (NCT-A) Well No. 3 (API No. 30-025-05643), located 1980 feet from the North and West lines (Unit F) of said Section 19.

By Division Order No. R-6482, dated October 20, 1980, a second well, the B. V. Culp (NCT-A) Well No. 9 (API No. 30-025-26663), located 2040 feet from the North line and 1980 feet from the East line (Unit J) of said Section 19, was approved for the subject GPU.

By Division Administrative Order NSL-2919(SD), dated November 1, 1990, an additional well, the B. V. Culp (NCT-A) Gas Com Well No. 10 (API No. 30-025-31002), located at an unorthodox gas well location 840 feet from the North line and 990 feet from the East line (Unit A) of said Section 19, was approved for the subject GPU.

By Division Order No. R-9575, dated September 3, 1991, a fourth well, the B. V. Culp (NCT-A) Gas Com Well No. 11 (API No. 30-025-31313), drilled at an unorthodox gas well location 660 feet from the North line and 2310 feet from the West line (Unit C) of said Section 19, was authorized for the subject GPU.

New Mexico Oil Conservation Division records indicate that the former B. V. Culp (NCT-A) Well No. 3, currently named the North Monument Grayburg San Andres Unit, Block 5, Well No. 6, ceased producing from the Eumont Gas Pool when said well was transferred to Amerada

Hess Corporation to be utilized as a Eunice Monument Grayburg San Andres Pool producing oil well.

By authority granted me under the provisions of Rule 2(c) of the "*Special Rules and Regulations for the Eumont Gas Pool*", as promulgated by Division Order No. R-8170, as amended, the two following described wells recently drilled to the Eumont Gas Pool at unorthodox locations are hereby approved for the:

*B. V. Culp Well No. 12*  
*1322' FNL & 990' FWL (Lot 2/Unit E) of said Section 19*  
*API No. 30-025-32977;*

and the

*B. V. Culp Well No. 14*  
*2000' FNL & 1500' FEL (Unit G) of said Section 19*  
*API No. 30-025-32961.*

Also, you are hereby authorized to simultaneously dedicate Eumont Gas production from the B. V. Culp (NCT-A) Well No. 9, B. V. Culp (NCT-A) Gas Com Well Nos. 10 and 11, and the B. V. Culp Well Nos. 12 and 14. Furthermore, you are hereby permitted to produce the allowable assigned the subject GPU from all five wells in any proportion.

Sincerely,

William J. LeMay  
Director

WJL/MES/kv

cc: Oil Conservation Division - Hobbs  
New Mexico State Land Office - Santa Fe  
File: NSL-2919(SD)