



**Chevron U.S.A. Inc.**  
P.O. Box 670, Hobbs, NM 88240

OIL CONSERVATION DIVISION  
RECEIVED

'90 AUG 3 AM 9 11

R. C. Anderson  
Division Manager  
Production Department  
Hobbs Division

August 2, 1990

PROPOSED INFILL WELLS  
EUNICE MONUMENT SOUTH UNIT  
WELL NOS. 642 AND 679  
LEA COUNTY, NEW MEXICO

New Mexico Oil Conservation Division  
310 Old Santa Fe Trail, Room 206  
Santa Fe, New Mexico 87503

Attention: William J. LeMay, Director

Gentlemen:

The New Mexico District of Chevron U.S.A. Inc. respectfully requests your administrative approval for unorthodox locations for the subject proposed infill producing wells. We further request that you waive the 20 day waiting period requirement of Rule 104 (F) (IV) since the subject proration units of the unorthodox locations are surrounded by proration units operated by Chevron.

The proposed locations for these Eunice Monument South Unit infill producing wells, as shown on the attached map and plats, will be in an existing approved waterflood project, Order No. R-7766 (copy enclosed). These locations will also meet the spacing requirements of Rule 104 (F) (I) which states that a well will be no closer than 330 feet to the outer boundary of the unitized area, and no closer than 10 feet to any quarter-quarter section line. In addition, the locations were chosen to be within the 40-acre proration units now associated with water injection wells. The basis for these two unorthodox infill locations is to more efficiently produce an area of "banked oil" running northwest to southeast along the western portion of the Eunice Monument South Unit.

Chevron has notified all working interest owners in the Eunice Monument South Unit and expects to receive sufficient approval by mid-August, thereby satisfying Unit Operating Agreement requirements. Also, all directly offsetting unit wells, completed in the Eunice Monument Oil Pool, and their respective proration units to the proposed infill wells are operated by Chevron.

Based upon the foregoing information, Chevron requests your administrative approval of the attached applications for permits to drill these two subject infill wells at their unorthodox locations. To enable Chevron to drill these proposed infill wells this quarter, we are further requesting that the Oil Conservation Division waive the 20 day waiting requirements in granting these administrative applications.

For further information regarding this matter, please contact A. W. Bohling or D. L. Hendrix at (505) 393-4121. Your prompt consideration will be greatly appreciated.

Yours very truly,

  
R. C. ANDERSON

DLH/AWB/pf 08020/01

Attachments

cc: Oil Conservation Division  
District 1  
P. O. Box 1980  
Hobbs, New Mexico 88240  
Attn: Mr. Jerry T. Sexton

Kellahin, Kellahin and Aubrey  
Attorneys at Law  
P. O. Box 2265  
Santa Fe, New Mexico 87504-2265  
Attn: Mr. Tom Kellahin

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
 DRILL       DEEPEN       PLUG BACK

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

2. NAME OF OPERATOR  
Chevron U.S.A. Inc.

3. ADDRESS OF OPERATOR  
P.O. Box 670, Hobbs, NM 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface 1220' FNL & 1220' FWL Unit D  
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

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

16. NO. OF ACRES IN LEASE  
14,280

17. NO. OF ACRES ASSIGNED TO THIS WELL  
40

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

19. PROPOSED DEPTH  
4350'

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
3585.5'

22. APPROX. DATE WORK WILL START\*  
8-1-90

5. LEASE DESIGNATION AND SERIAL NO.  
LC 031740-B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Eunice Monument South Uni

9. WELL NO.  
679

10. FIELD AND POOL, OR WILDCAT  
Eunice Monument / Grayburg

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec 8, T21S, R36E

12. COUNTY OR PARISH  
Lea

13. STATE  
NM

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	1400'	800 sx Circ.
7 7/8"	5 1/2"	15.50#	4350'	500 sx Circ.

MUD PROGRAM:      0 - 1400'      FW SPUD  
 1400 - 4350'      BRINE WATER STARCH, 10 PPG, 31 VIS, 9 PH

BOP EQUIPMENT: 3000 PSI WORKING PRESSURE (SEE ATTACHED CHEVRON CLASS III DRAWING)

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. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED M. E. Devin 7/18/90      TITLE Staff Drlg. Engr.      DATE 7-18-90

(This space for Federal or State office use)

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

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

Submit to Appropriate  
District Office  
State Leases - 4 copies  
Fee Leases - 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

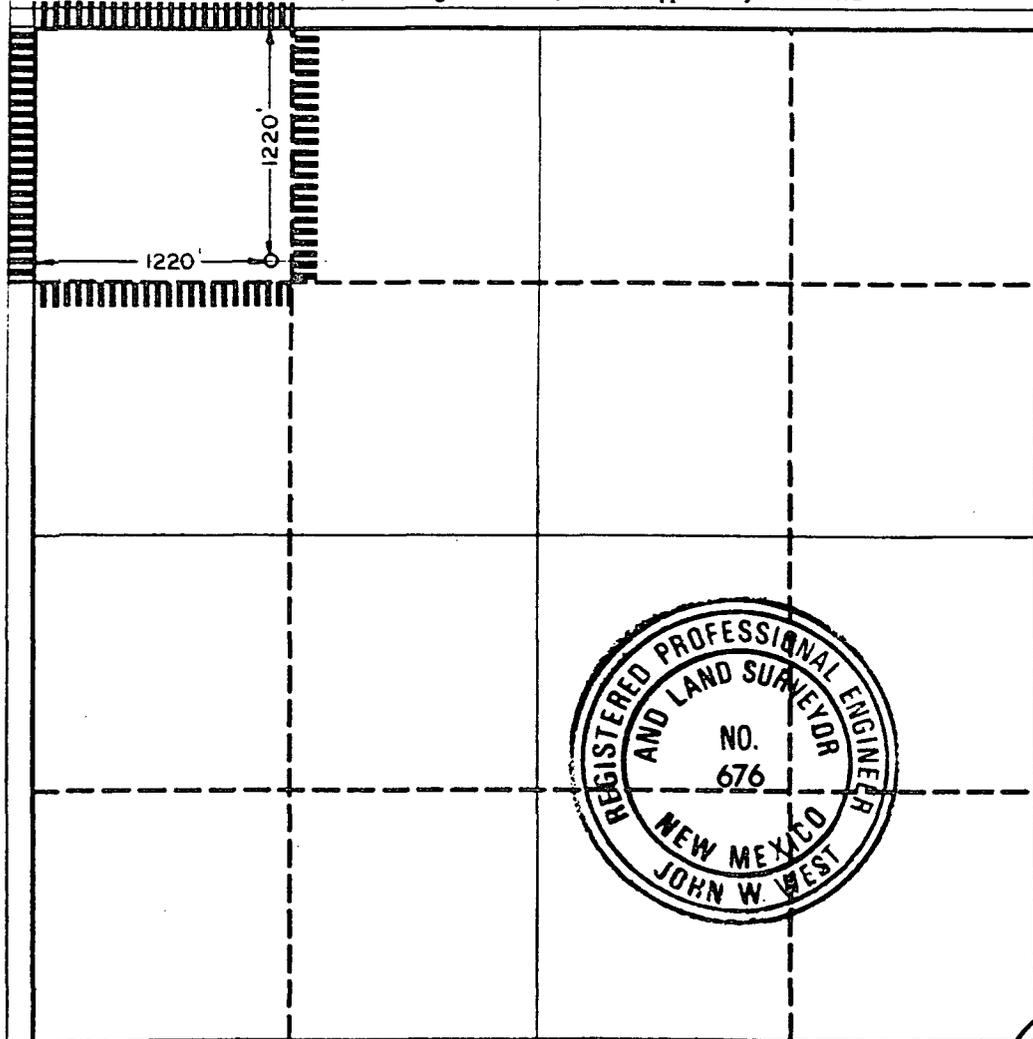
**WELL LOCATION AND ACREAGE DEDICATION PLAT**

All Distances must be from the outer boundaries of the section

NSL-2839  
2840  
2811  
2768

Operator CHEVRON USA, INC		Lease EMSU		Well No. 679
Unit Letter D	Section 8	Township 21 SOUTH	Range 36 EAST	County LEA
Actual Footage Location of Well: 1220 feet from the NORTH line and 1220 feet from the WEST line				
Ground level Elev. 3585.5'	Producing Formation Grayburg	Pool Eunice Monument	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 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  
*M. E. Akins*

Printed Name  
M. E. Akins

Position  
Staff Drlg. Engr.

Company  
Chevron U.S.A. Inc.

Date  
7-18-90

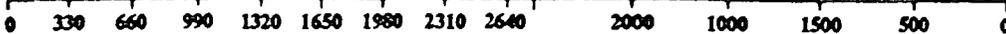
**SURVEYOR CERTIFICATION**

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  
July 12, 1990

Signature & Seal of Professional Surveyor  
*John W. West*

Certificate No. JOHN W. WEST, 676  
RONALD J. EIDSON, 3230



NOTICE OF STAKING

(Not to be used in place of Application for Permit to Drill Form 3160-3)

1. Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> (Specify)		6. Lease Number LC 031740-B	
2. Name of Operator: CHEVRON USA INC.		7. If Indian, Allottee or Tribe Name	
3. Name of Specific Contact Person: ME AKINS		8. Unit Agreement Name	
4. Address & Phone No. of Operator or Agent P.O. Box 670 Hobbs, NM 88240		9. Farm or Lease Name EUNICE MONUMENT SOUTH UNIT	
5. Surface Location of Well 1220' FNL & 1220' FWL Attach: a) Sketch showing road entry into pad, pad dimensions, and reserve pit. b) Topographical or other acceptable map showing location, access road, and lease boundaries.		10. Well No. 679	
		11. Field or Wildcat Name EUNICE MONUMENT	
		12. Sec., T., R., M., or Blk and Survey or Area SECTION B T21S R36E UNIT D	
15. Formation Objective(s)	16. Estimated Well Depth 4350'	13. County, Parish or Borough LEA	14. State NM

17. Additional Information (as appropriate; must include surface owner's name, address, and telephone number).

Road & Location will be Agreed Upon with Land Owner

18. Signed M. E. Akins Title STAFF DRILLING ENGINEER Date 7-18-90

Note: Upon receipt of this Notice, the Bureau of Land Management (BLM) will schedule the date of the onsite predrill inspection and notify you accordingly. The location must be staked and access road must be flagged prior to the onsite.

Operators must consider the following prior to the onsite:

- a) H2S Potential
- b) Cultural Resources (Archeology)
- c) Federal Right of Way or Special Use Permit

Submit to Appropriate District Office  
State Lease - 6 copies  
Fee Lease - 5 copies

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-101  
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

API NO. (assigned by OCD on New Wells)
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK					
1a. Type of Work: DRILL <input checked="" type="checkbox"/> RE-ENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>	7. Lease Name or Unit Agreement Name Eunice Monument South Unit				
b. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>	8. Well No. 642				
2. Name of Operator Chevron U.S.A. Inc.	9. Pool name or Wildcat Eunice Monument/Grayburg				
3. Address of Operator P.O. Box 670, Hobbs, NM 88240					
4. Well Location Unit Letter <u>Q</u> : <u>1370</u> Feet From The <u>South</u> Line and <u>25</u> Feet From The <u>East</u> Line Section <u>6</u> Township <u>21S</u> Range <u>36E</u> NMPM Lea County					
10. Proposed Depth 4200'					
11. Formation Grayburg					
12. Rotary or C.T. Rotary					
13. Elevations (Show whether DF, RT, GR, etc.) 3578.0'	14. Kind & Status Plug. Bond Blanket				
15. Drilling Contractor Unknown					
16. Approx. Date Work will start 8-1-90					
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	8 5/8	24#	1400'	800 sx	Circ.
7 7/8	5 1/2	15.50#	4200'	500 sx	Circ.

MUD PROGRAM: 0-1400 FW SPUD  
1400-4200 BRINE WATER STARCH, 10 PPG, 31 VIS, 9 PH

BOP EQUIPMENT: 3000 PSI WORKING PRESSURE (SEE ATTACHED DRAWING)

\*20 ACRES IN FILL WELL

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 M. E. Akins 7/18/90 TITLE Staff Drlg. Engr. DATE 7-16-90  
TYPE OR PRINT NAME M. E. Akins TELEPHONE NO. 393-4121

(This space for State Use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section. \*20 ACRES IN FILL WELL

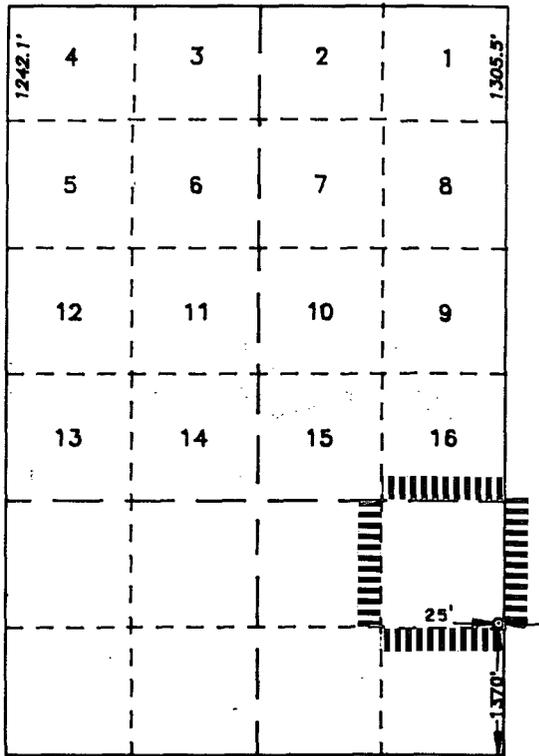
Operator <b>CHEVRON USA, INC</b>			Lease <b>EMSU</b>		Well No. <b>642</b>
Unit Letter: <b>Q</b>	Section <b>6</b>	Township <b>21 SOUTH</b>	Range <b>36 EAST</b>	County <b>LEA</b>	
Actual Footage Location of Well: <b>1370</b> feet from the <b>SOUTH</b> line and <b>25</b> feet from the <b>EAST</b> line					
Ground Level Elev. <b>3578.0'</b>	Producing Formation <b>Grayburg</b>		Pool <b>Eunice Monument</b>		Dedicated Acreage: <b>40</b> 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 \_\_\_\_\_

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 Commission.



**SCALE**  
1" = 2000'

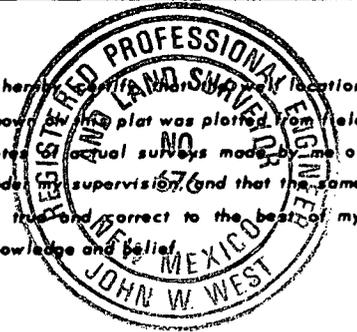
**CERTIFICATION**

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

*M. E. Akins 7/18/90*

Name <b>M. E. Akins</b>
Position <b>Staff Drlg. Engr.</b>
Company <b>Chevron U.S.A. Inc.</b>
Date <b>7-18-90</b>

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 <b>July 17, 1990</b>
Registered Professional Engineer and/or Land Surveyor <i>John W. West</i>
Certificate No. <b>JOHN W. WEST 676</b>
<b>Ronald J. Eidson 3239</b>

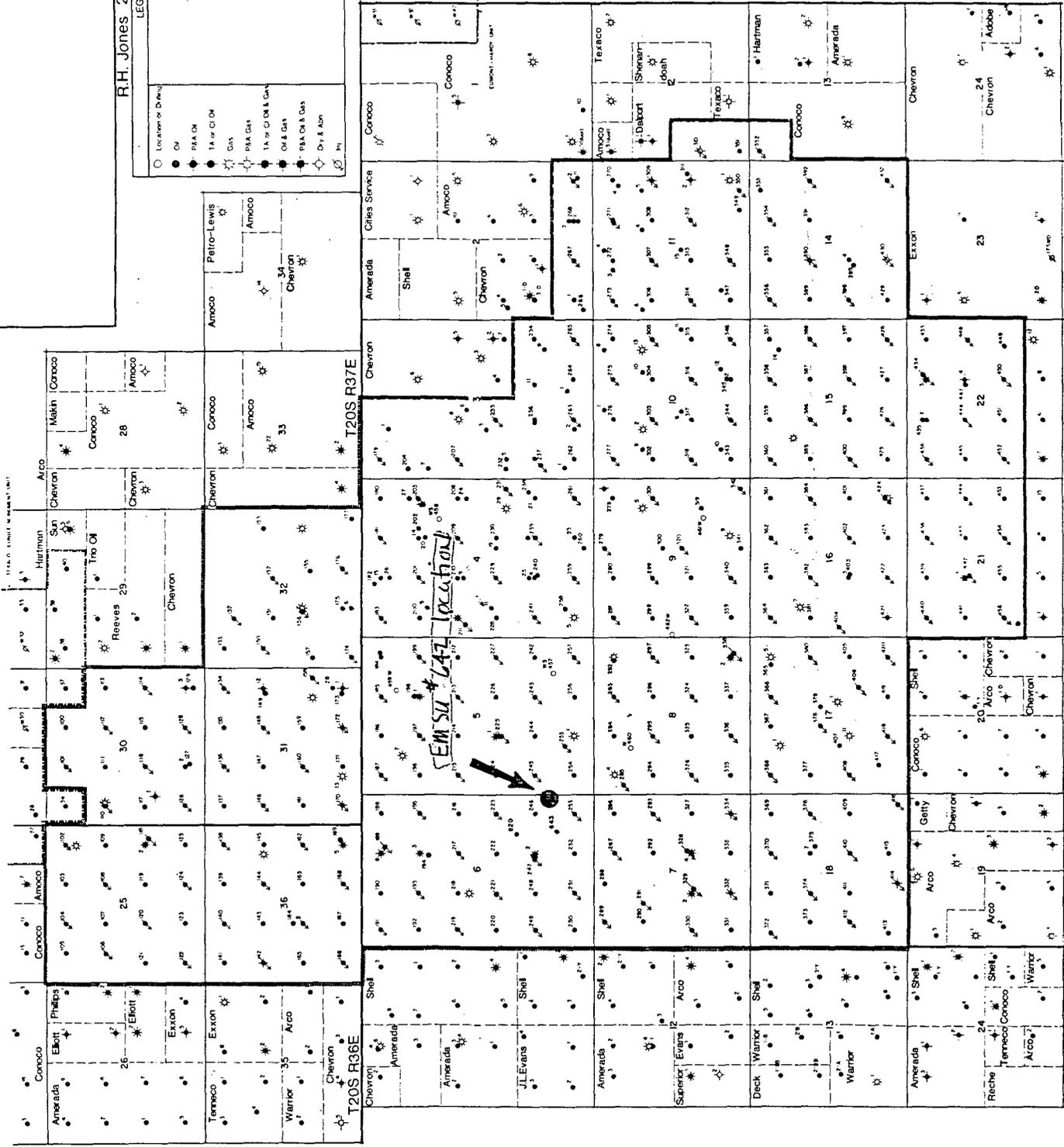
Proposed Location EMSU #642

**Chevron USA, Inc.**  
 Central Region - Exploration, Land and Production

**EUNICE MONUMENT SOUTH UNIT**  
 LEA COUNTY, NEW MEXICO

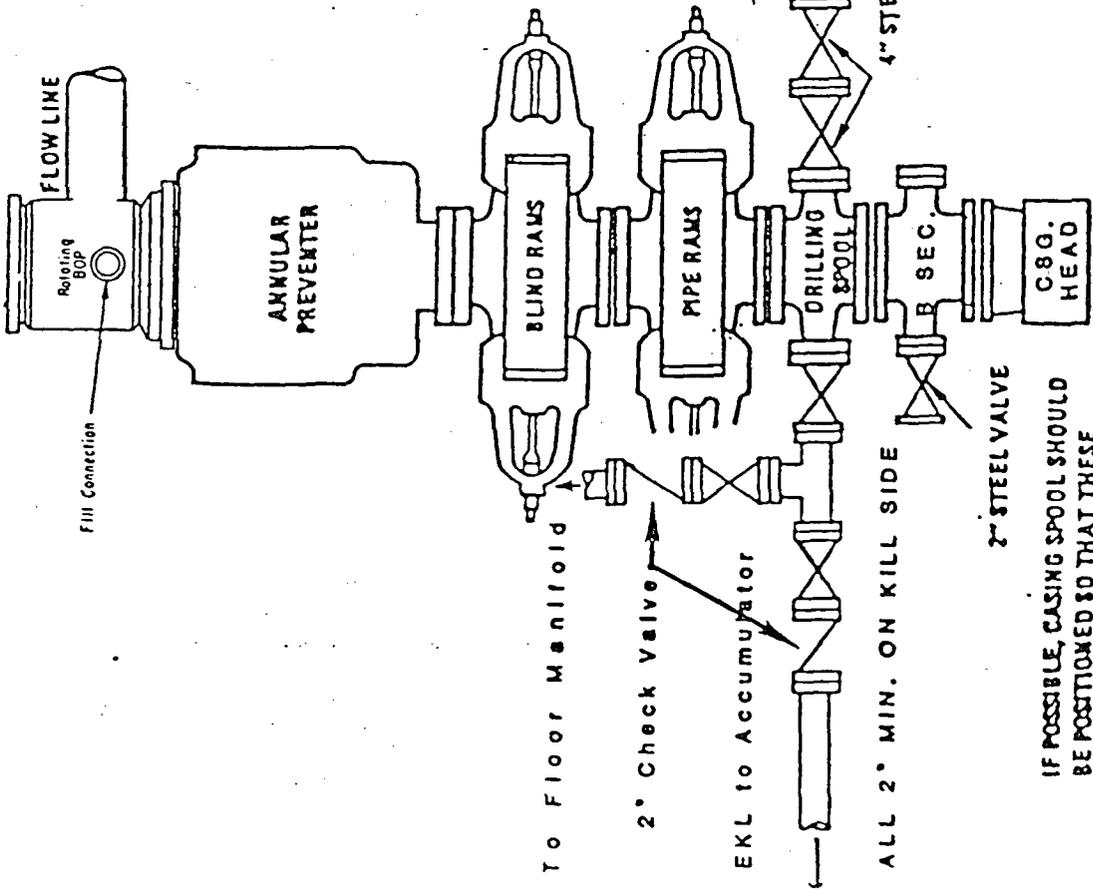
R.H. Jones - 2/89  
 LEGEND

- Location of Drilling
- Oil
- 15A Oil
- 1A or 21 Oil
- Gas
- 15A Gas
- 1A or 21 Oil & Gas
- Oil & Gas
- 15A Oil & Gas
- Dry & Air
- No



# HOBBS DIVISION

## CLASS THREE PREVENTER

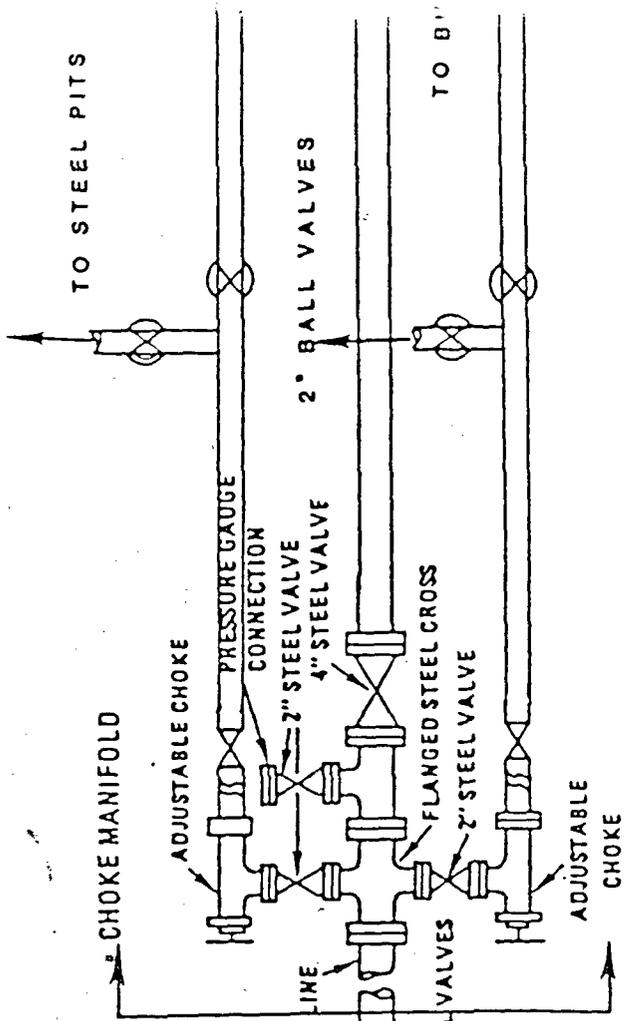


The blowout preventer shall be supplied as needed and a spare set of drill pipe rams shall be on location. The ram preventer may be two single or double ram. If full opening flanged valves are on the side of the ram, then they may be used for connecting the choke line (4") and the kill line (4").

The accumulator shall be installed to install a rotating blowout preventer. The accumulator shall be equipped with two pumps. One shall be equipped with the nitrogen pressure gas and the other shall be equipped with the nitrogen pressure gas. The accumulator shall be equipped with a pressure relief valve. The accumulator shall be equipped with a pressure relief valve. The accumulator shall be equipped with a pressure relief valve.

A remote closing manifold located on the rig floor shall be operational. The closing manifold and rams shall have a separate control for each pressure-actuated device. Controls shall be located on the rig floor. The accumulator shall be placed away from the rig floor. The distance is specified in contract. Hydraulic fluid must meet API-33 specifications.

The choke manifold and all lines are to be supported by steel stands and securely anchored. The choke flow line, rafter lines and choke lines shall be as straight as possible and within 10 degrees of vertical. The choke flow line valves and kill line valves must be equipped with stem extension, universal joints if needed, and hand wheels which extend beyond the edge of the substructure constructed to facilitate easy operation from outside the substructure. All other valves shall be equipped with handles.



Beyond Edge of Derrick Floor

IF POSSIBLE, CASING SPOOL SHOULD BE POSITIONED SO THAT THESE VALVES ARE DIRECTLY UNDER THE BARREL OF THE RAM PREVENTER

CHEVRON U.S.A. INC.  
Harry Leonard (NCT-C) Lease

Application For An Unorthodox  
Gas Well Location  
and  
Simultaneous Dedication of Acreage  
Eumont (Pro Gas) Pool  
660' FNL and 660' FWL  
Section 36, T21S, R36E  
Lea County, New Mexico

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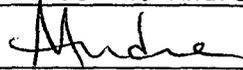
WAIVER TO OBJECTION

---

We, the undersigned, as an offset operator, waive any objection to Chevron U.S.A. Inc.'s application for NMOCD approval of an Unorthodox Gas Well Location in the Eumont (Pro Gas) Pool. This well is located 660' FNL and 660' FWL, Section 36, T-21-S, R-36-E, NMPM, Lea County, New Mexico. We understand that this 320 acre proration unit will be simultaneously dedicated to the Harry Leonard (NCT-C) Wells No. 4, 7, 8 and 9 located in unit letters D, G, H and B, respectively, of Section 36.

Company: Exxon Co., U.S.A.

Representative: Michael W. Andrews

Signature: 

Title: Regulatory Compliance Supv.

Date: 8/7/90

OIL CONSERVATION DIVISION  
RECEIVED

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CHEVRON U.S.A. INC.  
Harry Leonard (NCT-C) Lease

Application For An Unorthodox  
Gas Well Location  
and  
Sumultaneous Dedication of Acreage  
Eumont (Pro Gas) Pool  
660' FNL and 660' FWL  
Section 36, T21S, R36E  
Lea County, New Mexico

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Company: OXY USA INC.  
Representative: Richard E. Foppiano  
Signature: Richard E. Foppiano  
Title: Regulatory affairs Advisor  
Date: 8-9-90



STATE OF NEW MEXICO  
**ENERGY AND MINERALS DEPARTMENT**  
 OIL CONSERVATION DIVISION  
 HOBBS DISTRICT OFFICE

RECEIVED  
 AUG 16 AM 9 09

GARREY CARRUTHERS  
 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  \_\_\_\_\_
- NSP \_\_\_\_\_
- SWD \_\_\_\_\_
- WFX \_\_\_\_\_
- PMX \_\_\_\_\_

Gentlemen:

I have examined the application for the:

Chevron USA Inc.      Eunice Monument South Unit      # 642-Q 6-21-36  
 Operator                      Lease & Well No.      Unit                      S-T-R                      # 679-D 8-21-36

and my recommendations are as follows:

*OK*

Yours very truly,

*Jerry Sexton*  
 Jerry Sexton  
 Supervisor, District 1

/ed