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
P.O. 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.	ORGRID Number
Chevron U.S.A. Inc. P.O. Box 1150 Midland, Texas 79702	4323
	API Number 30-025-08735

Property Code	Property Name	Well No.
2571	ARRROWHEAD GRAYBURG UNIT	172

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
L	2	22S	36E		2310	SOUTH	990	WEST	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	Proposed Pool 2
ARROWHEAD GRAYBURG <3040>	

Work Type Code	Well Type Code	Cable / Rotary	Lease Type Code	Ground Level Elevation
D	OIL	ROTARY	S	3539 GL
Multiple	**Proposed Depth**	**Formations**	**Contractor**	**Spud Date**
NO	4,500'	GRAYBURG	UNKNOWN	06/15/40

Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight / foot	Setting Depth	Sacks of Cement	Estimated TOC
11"	8 5/8"	23#	344'	344	SURFACE
7 7/8"	5 1/2"	15.5#	3702'	200	1894' BY CAL.
EXISTING CASING					

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 neccessary.

CHEVRON PROPOSES TO:
PRESSURE TEST CASING TO 500 PSI., CMT SQX. OPEN HOLE (PENROSE). DEEPEN WELL TO +/- 4100'.
LOG HOLE, ACIDIZE HOLE WITH 3150 GALS. OF 15% NEFE HCL.
SWAB TEST HOLE AND RETURN TO PRODUCTION IN THE ARROWHEAD GRAYBURG POOL.

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

Signature: Rory Matthews
Print name: RORY MATTHEWS
Title: DRILLING TECHNICAL ASSISTANT
Date: 06/20/95
Phone: (915) 687-7812

OIL CONSERVATION DIVISION

Approved by: ~~ORIGINAL SIGNED BY JERRY SEXTON~~
Title: DISTRICT I SUPERVISOR
Approval Date: JUN 26 1995
Expiration Date:
Conditions of Approval:
Attached ☐

Subm it to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator	Lease	Well No.
CHEVRON U.S.A INC.	ARROWHEAD GRAYBURG UNIT	172

Unit Letter	Section	Township	Range	County
	2	22S	36E NMPM	LEA

Actual Footage Location of Well: 2310 feet from the SOUTH line and 990 feet from the WEST line

Ground level Elev.	Producing Formation	Pool	Dedicated Acreage:
3539	GRAYBURG	ARROWHEAD GRAYBURG	40 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

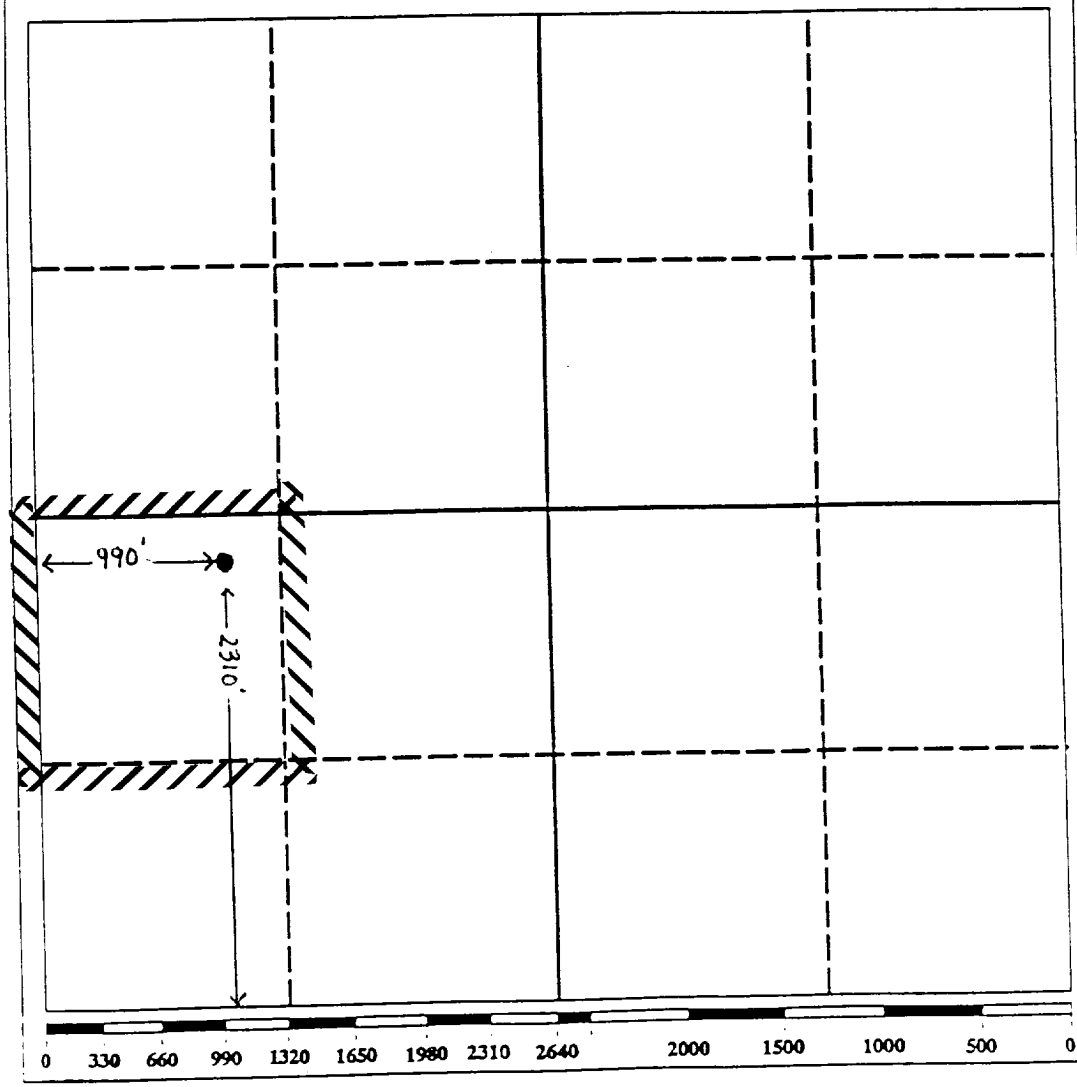
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the 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 in true and complete to the best of my knowledge and belief.

Signature: Rory Matthews

Printed Name: RORY MATTHEWS

Position: DRILLING TECH.

Company: CHEVRON U.S.A INC.

Date: 6-20-95

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 supervison, 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.

C. CLASS II CHOKE MANIFOLD

The Class II choke manifold is suitable for all Class II workovers and drilling operations. The Class II choke manifold is shown below in Figure 11J.7. Specific design features of the Class II choke manifold include:

1. The manifold is attached to the tubing/casing head when a Class II-A preventer stack is use. This hook-up is only recommended for Class II workover operations.

2. The manifold is attached to a drilling spool or top ram preventer side outlets when a Class II-B preventer stack is in use.

3. The minimun internal diameter is 2" (nominal) for outlets, flanges, valves and lines.

4. Includes two steel gate valves in the choke line at the wellhead/drilling spool outlet. The inside choke line valve may be remotely controlled (HCR).

5. Includes one manually adjustable choke which is installed on the side of the manifold cross. Steel isolation gate valves are installed between the choke and the cross, and downstream of the choke.

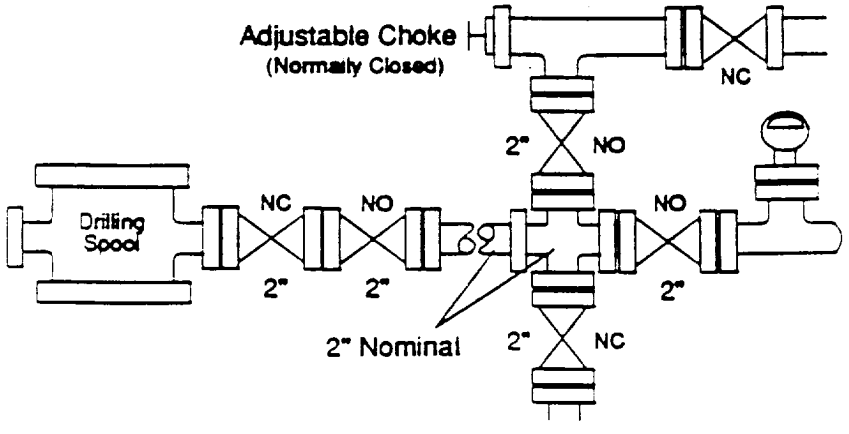
6. Includes one bleed line installed on the side of the manifold cross which is isolated by a steel gate valve.

7. Includes a pressure gauge suitable for drilling service which can display the casing pressure within view of the choke operator.

8. Screwed connections may be used in lieu of flanges or clamps.

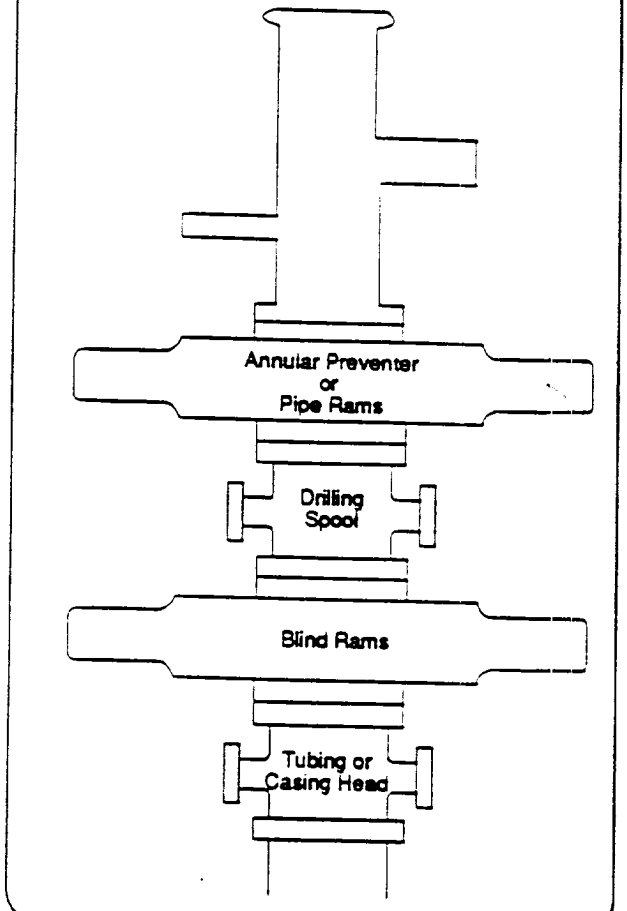
Figure 11J.7 - Class II Manifold

NC = Normally Closed
NO = Normally Open



D. CLASS II-B BLOWOUT PREVENTER STACK:

Figure 11J.3
Class II-B Blowout Preventer Stack



The Class II-B preventer stack is designed for drilling or workover operations. It is composed of a single hydraulically operated annular preventer on top, then a drilling spool, and a single blind ram preventer on bottom. In an alternate configuration, a single pipe ram preventer may be substituted for the annular preventer. The choke and kill lines are installed onto the drilling spool and must have a minimum internal diameter of 2". An emergency kill line may be installed on the wellhead. As the maximum anticipated surface pressure of this stack is less than 2000 psi, screwed connections may be used. All components must be of steel construction. The Class II-B blowout preventer stack is shown to the left in Figure 11J.3.