

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 S. 1st Street, Artesia, NM 88210-2834
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

¹ Operator name and Address Chevron U.S.A. Inc. P.O. Box 1150 Midland, TX 79702		² OGRID Number 4323
⁴ Property Code 2571	⁵ Property Name ARROWHEAD GRAYBURG UNIT	³ API Number 30-0 25-34297
		⁶ Well Number 336

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
A	2	22S	36E	1	50	NORTH	55	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
⁹ Proposed Pool 1 03040 ARROWHEAD; GRAYBURG					¹⁰ Proposed Pool 2				

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary ROTARY	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3548'
¹⁶ Multiple NO	¹⁷ Proposed Depth 3800'	¹⁸ Formations GRAYBURG	¹⁹ Contractor UNKNOWN	²⁰ Spud Date 2/23/98

²¹ Proposed Casing and Cement Program					
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
14-3/4"	9-5/8"	36#	550'	275	SURF
8-3/4"	7"	29#	3800'	625	SURF

²² 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.

CHEVRON PROPOSES TO:

DRILL WITH 14-3/4" BIT TO 550', RUN 9-5/8" CSG. CMT W/CLASS "C" TO SURF.
DRILL WITH 8-3/4" BIT TO 3800', RUN 7" CSG. CMT W/CLASS "C" TO SURF.

MUD PROGRAM: 0' - 550', FRESH WATER 8.4-9.2 PPG
550' - 3800', BRINE WATER 10.0 PPG
CHEVRON CLASS II BOPE

Permit Expires 1 Year From Approval
Data Unless Drilling Underway

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

J. K. Ripley

Printed name: J. K. RIPLEY

Title: TECHNICAL ASSISTANT

Date: 2/10/98

Phone: (915)687-7148

OIL CONSERVATION DIVISION

Approved by: ORIGINAL SIGNED BY CHUCK WILLIAMS

Title: DISTRICT SUPERVISOR

Approval Date: 2-10-98 Expiration Date:

Conditions of Approval:

Attached ☐

DISTRICT I

P.O. Box 1980, Hobbs, NM 88241-1980

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102

Revised February 10, 1994

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

DISTRICT II

P.O. Drawer 110, Artesia, NM 88211-0719

DISTRICT III

1000 Rio Brazos Rd., Artec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT IV

P.O. Box 2088, Santa Fe, NM 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-34297		Pool Code 03040	Pool Name ARROWHEAD; GRAYBURG
Property Code 2571	Property Name Arrowhead AGU Grayburg Unit		Well Number 336
OGRID No. 4323	Operator Name CHEVRON U.S.A. PRODUCTION COMPANY		Elevation 3548

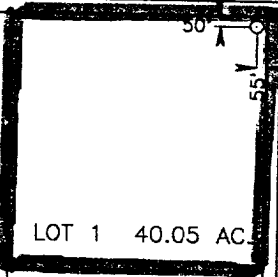
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	2	22 S	36 E		50	NORTH	55	EAST	LEA

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
Dedicated Acres 40		Joint or Infill		Consolidation Code		Order No.			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

LOT 4 40.06 AC.	LOT 3 40.05 AC.	LOT 2 40.02 AC.	LOT 1 40.05 AC.
			
		NAD 27 NME Y=521140 N X=841275 E LAT. 32°25'40.34" LONG. 103°13'38.24"	

OPERATOR CERTIFICATION

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

J. K. Ripley
Signature

J. K. Ripley
Printed Name

T.A.
Title

2/10/98
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 belief.

FEBRUARY 4, 1998

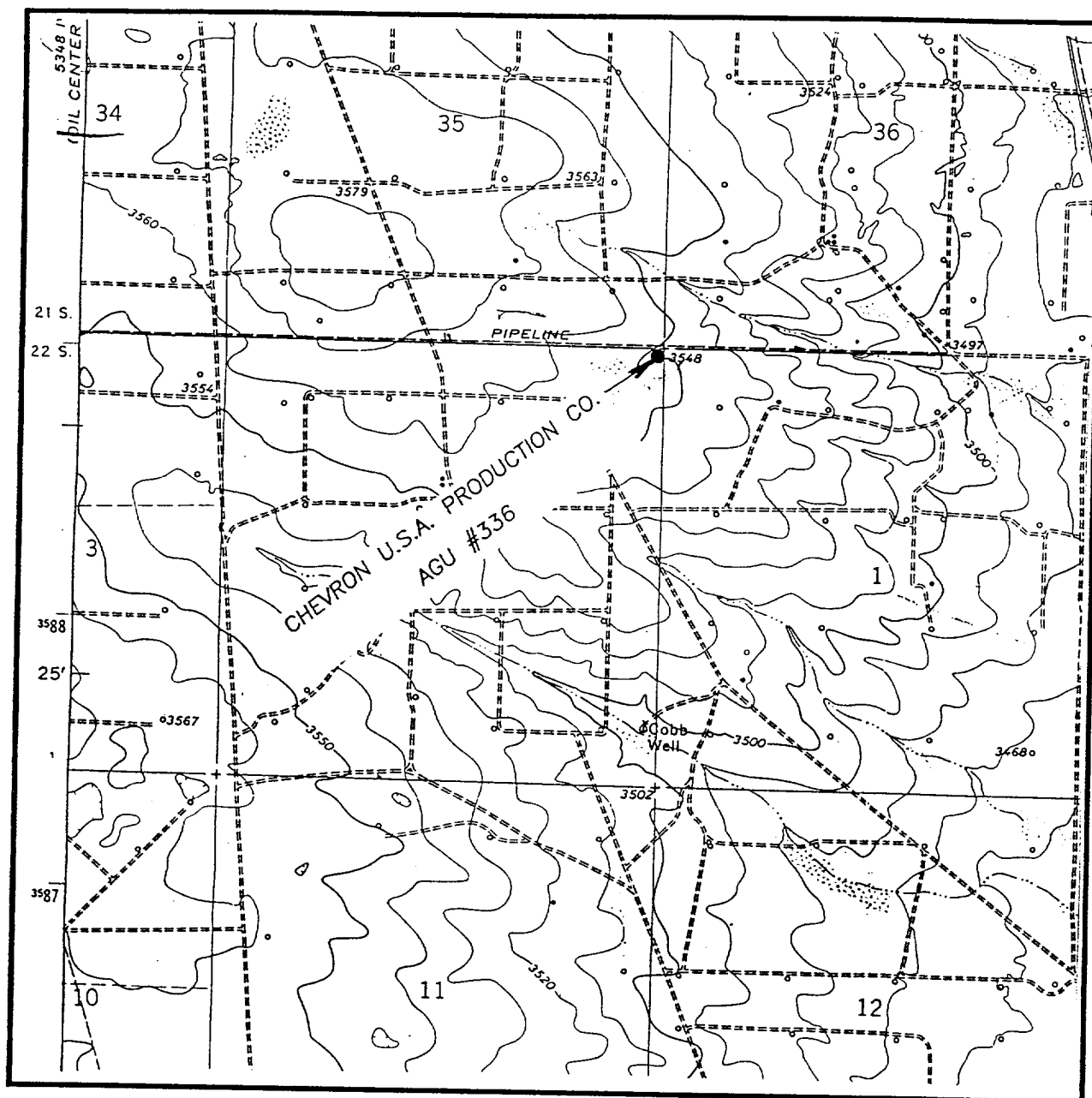
Date Surveyed

Signature & Seal of Professional Surveyor

Ronald Q. Edson
W.D. Num. 98-1160167

Certificate No. RONALD Q. EDSON, 3239
CARMICHAEL EDSON, 12641
PROFESOR MACDONALD, 12185

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL - 10'

SEC. 2 TWP. 22-S RGE. 36-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 50' FNL & 50' FEL

ELEVATION 3548'

OPERATOR CHEVRON U.S.A. PRODUCTION CO.

LEASE AGU

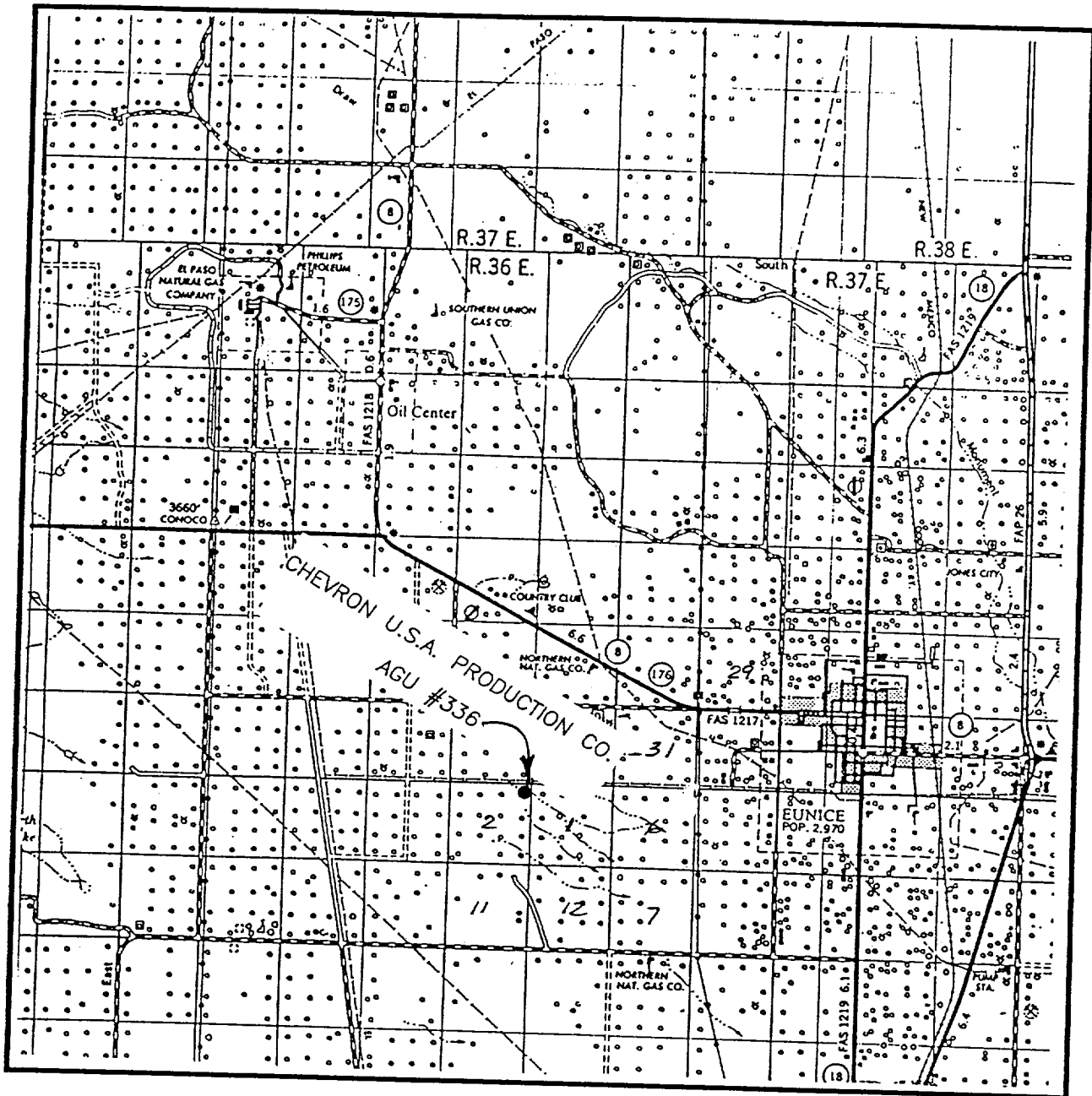
U.S.G.S. TOPOGRAPHIC MAP

EUNICE, N.M.

JOHN WEST ENGINEERING
HOBBS, NEW MEXICO

(505) 393-3117

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 2 TWP. 22-S RGE. 36-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 50' FNL & 50' FEL

ELEVATION 3548'

OPERATOR CHEVRON U.S.A. PRODUCTION CO.

LEASE AGU

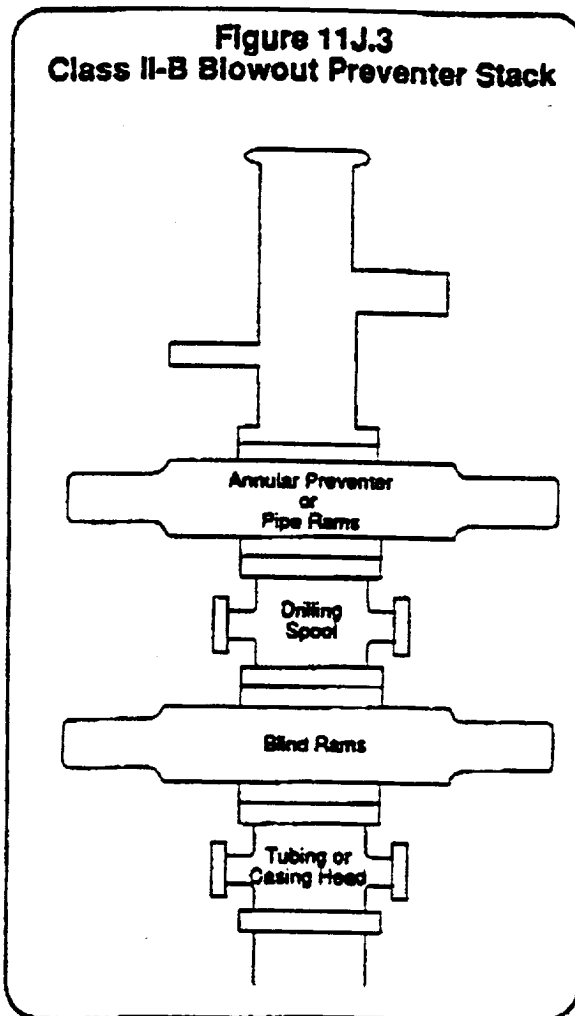
JOHN WEST ENGINEERING
HOBBS, NEW MEXICO

(505) 393-3117

CHEVRON DRILLING REFERENCE SERIES
VOLUME ELEVEN
WELL CONTROL AND BLOWOUT PREVENTION

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.