

Submit to Appropriate
District Office
State Lease-6 copies
Fee Lease-6 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 66, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, Nm 87410

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OF PLUG BACK					
1a. Type of Work: DRILL ☒ RE-ENTER ☐ DEEPEN ☐ PLUG BACK ☐			API NO. (assigned by ICD on New Wells) 30-025-32788		
b. Type of Well: OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐			5. Indicate Type of Lease STATE ☐ FEE ☒		
2. Name of Operator CHEVRON U.S.A. INC.			6. State Oil & Gas Lease No. N/A		
3. Address of Operator P.O. BOX 1150, MIDLAND, TX 79702 ATTN: P.R. MATTHEWS			7. Lease Name or Unit Agreement Name ARROWHEAD GRAYBURG UNIT		
4. Well Location Unit Letter N : 1880 Feet From The WEST Line and 560 Feet From The SOUTH Line Section 35 Township 21S Range 36E NMPM LEA County			8. Well No. 138		
10. Proposed depth 4500			11. Formation GRAYBURG		12. Rotary or C.T. ROTARY
13. Elevation (Show DF, RT, GR, etc.) 3581 GE		14. Kind & Status Plug Bond BLANKET		15. Drig Contractor V & B #1	
16. Date Work will start # ASAP					
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"	23	1350'	800	SURFACE
7 7/8"	5 1/2"	15.5	4500'	900	SURFACE

MUD PROGRAM: 0-1350' FRESH WATER SPUD MUD, 9.0 PPG.
1350'-4500' BRINE WATER AND STARCH SYSTEM, 10.0 PPG.

BOPE EQUIPMENT: 2000 PSI WORKING PRESSURE, SEE ATTACHED
CHEVRON U.S.A. CLASS II DRAWING.

IN ABOVE SPACE DESCRIBE PROPOSED PROG 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 P.R. Matthews TITLE TECHNICAL ASSISTANT DATE 12/15/94

TYPE OR PRINT NAME P.R. MATTHEWS TELEPHONE NO. (915)687-7812

APPROVED BY [Signature] DATE DEC 20 1994
CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

DEC 19 1994
OCD HOBBS
OFFICE

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Instruction on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

OIL CONSERVATION DIVISION

DISTRICT III
1000 Rio Brazos Rd., Artesia, NM 87410

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number <u>31-225-32788</u>	Pool Code <u>3240</u>	Pool Name ARROWHEAD GRAYBURG UNIT
Property Code <u>2571</u>	Property Name ARROWHEAD GRAYBURG UNIT	Well Number 138
OGRID No. <u>4323</u>	Operator Name CHEVRON U.S.A. INC.	Elevation 3581'

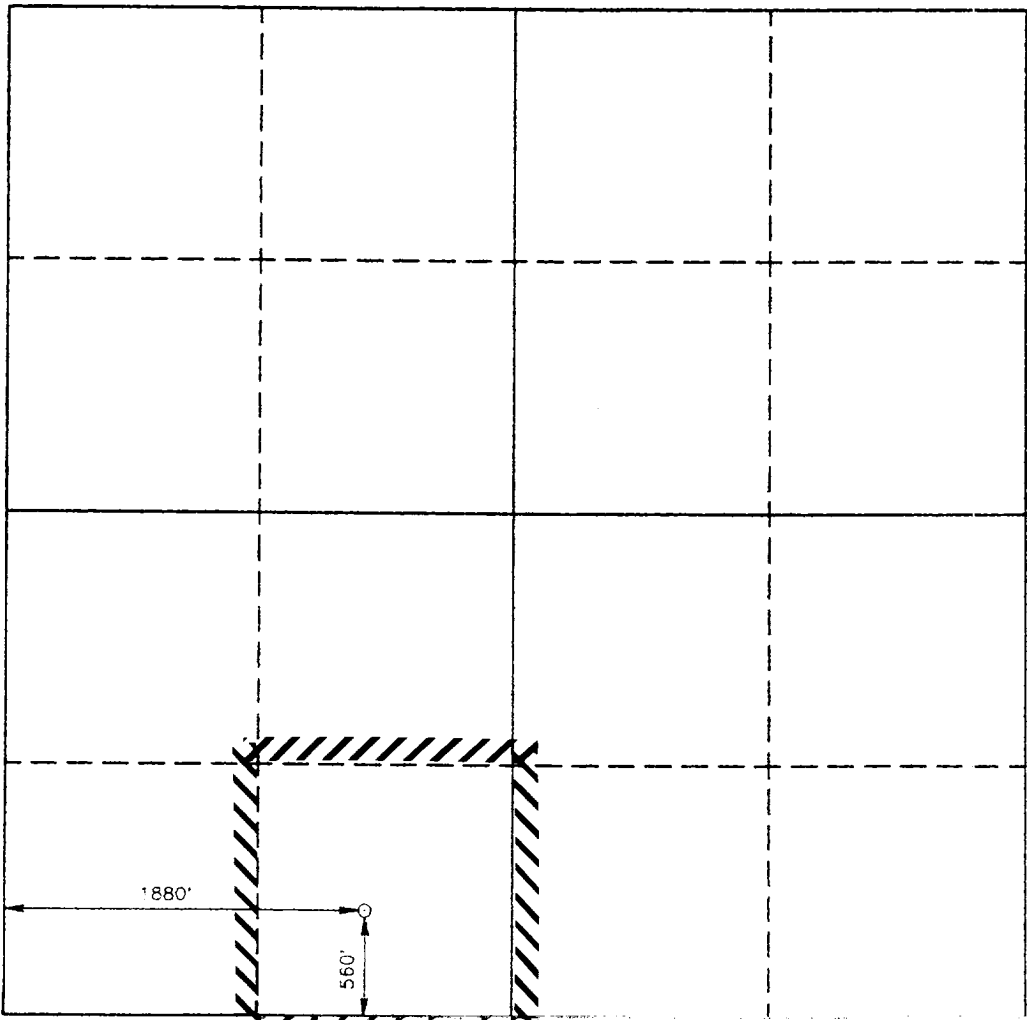
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	35	21S	36E		560	SOUTH	1880	WEST	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 <u>40</u>	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

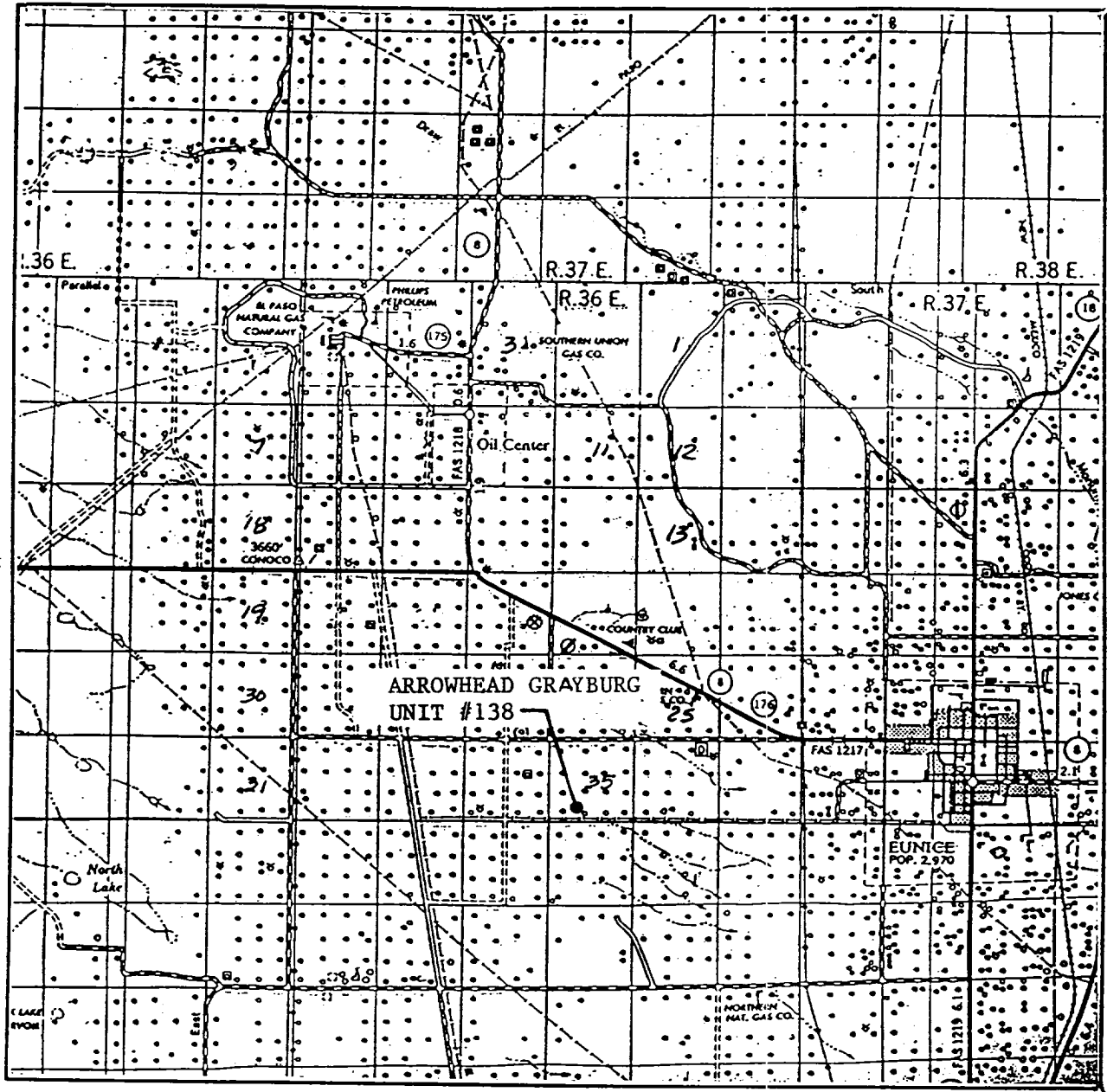
	OPERATOR CERTIFICATION	
	I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.	
	<u>Rory Matthews</u> Signature	
	<u>RORY MATTHEWS</u> Printed Name	
	<u>DRILLING TECHNICAL ASST.</u> Title	
	<u>12-15-94</u> Date	
	SURVEYOR CERTIFICATION	
	I 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.	
	<u>DECEMBER 2, 1994</u> Date Surveyed	
	<u>Ronald J. Eidson</u> Signature & Seal of Professional Surveyor	
	<u>W.O. Num 94-11-2069</u>	
	Certificate No.	JOHN W. WEST. 676 RONALD J. EIDSON. 3239

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SEP 16 1934

CRIMINALS
OFFICE

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 35 TWP. 21S RGE. 36E

SURVEY N.M.P.M.

COUNTY LEA STATE N.M.

DESCRIPTION 560' FSL & 1880' FWL

ELEVATION 3581'

OPERATOR CHEVRON U.S.A. INC.

LEASE ARROWHEAD GRAYBURG UNIT #138

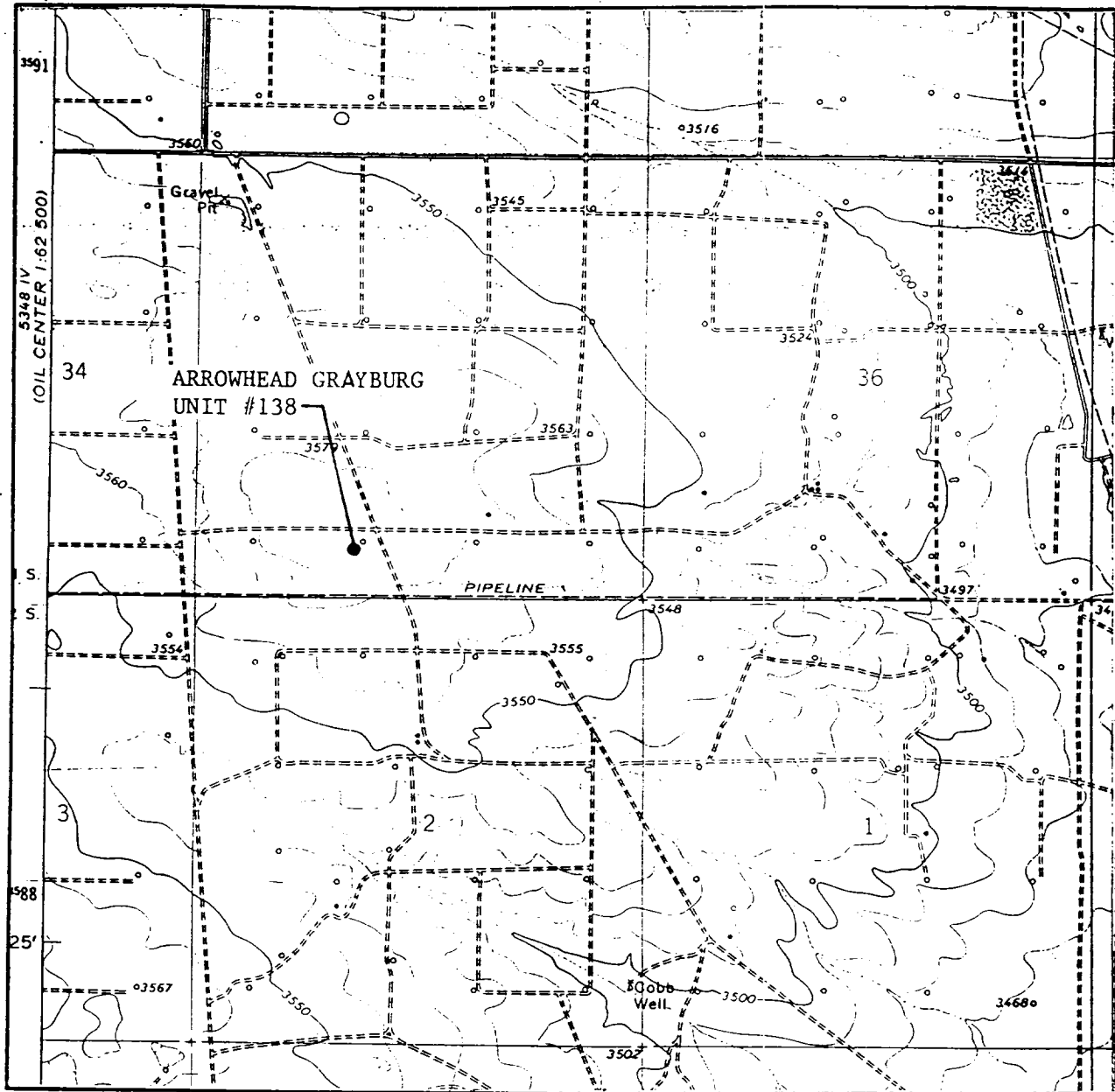
JOHN WEST ENGINEERING
HOBBS, NEW MEXICO
(505) 393-3117

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DEC 19 1994

OCD HOBBS
OFFICE

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL 10'

SEC. 35 TWP. 21S RGE. 36E

SURVEY N.M.P.M.

COUNTY LEA STATE N.M.

DESCRIPTION 560' FSL & 1880' FWL

ELEVATION 3581'

OPERATOR CHEVRON U.S.A. INC.

LEASE ARROWHEAD GRAYBURG UNIT #138

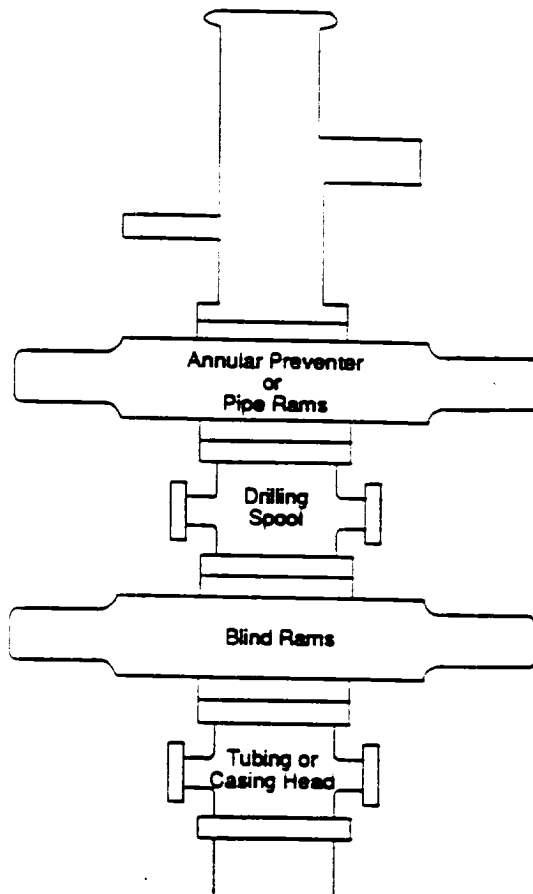
U.S.G.S. TOPOGRAPHIC MAP
EUNICE, N.M.

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.

CHEVRON DRILLING REFERENCE SERIES
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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 used. 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 minimum 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.

