

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Form C-101  
Revised March 17, 1999

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

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**

<sup>1</sup> Operator Name and Address Cimarex Energy Co. 1437 S. Boulder, Suite 1300 Tulsa, OK 74119		<sup>2</sup> OGRID Number 215099
		<sup>3</sup> API Number 30 - 025 - 36189
<sup>3</sup> Property Code 30730	<sup>5</sup> Property Name R. E. Graham "7"	<sup>6</sup> Well No. 6

<sup>7</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	7	18-S	32-E		330	South	330	East	Lea

<sup>8</sup> 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

<sup>9</sup> Proposed Pool 1 Young (Queen)	<sup>10</sup> Proposed Pool 2
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<sup>11</sup> Work Type Code N	<sup>12</sup> Well Type Code O	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code P	<sup>15</sup> Ground Level Elevation 3759'
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 3750'	<sup>18</sup> Formation Queen	<sup>19</sup> Contractor United Drilling	<sup>20</sup> Spud Date ASAP

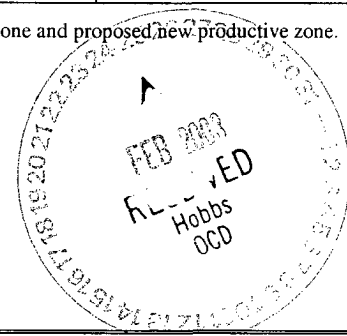
<sup>21</sup> Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12-1/4"	8-5/8"	24# J-55	700'	450	surface
7-7/8"	4-1/2"	10.5# J-55	3750'	200	2600'

<sup>22</sup> 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.

8" - 2000 Annular BOP

Permit Expires 1 Year From Approval  
Date Unless Drilling Underway



<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Erik Block</i>		<b>OIL CONSERVATION DIVISION</b>	
Printed name: Erik Block		Approved by: <i>[Signature]</i>	
Title: Drilling Engineer		Title: <b>PETROLEUM ENGINEER</b>	
Date: 2-14-03	Phone: (918) 295-1746	Approval Date: <b>MAR 04 2003</b>	Expiration Date:
		Conditions of Approval:	
		Attached <input type="checkbox"/>	

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

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88211-0719

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

DISTRICT IV  
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

State of New Mexico  
Energy, Minerals and Natural Resources Department

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number <b>30-02536189</b>	Pool Code <b>65360</b>	Pool Name <b>Young (Queen)</b>
Property Code <b>30730</b>	Property Name <b>GRAHAM "7"</b>	Well Number <b>6</b>
OGRID No. <b>215099</b>	Operator Name <b>CIMAREX ENERGY COMPANY</b>	Elevation <b>3759'</b>

Surface Location

UL or lot No. <b>P</b>	Section <b>7</b>	Township <b>18-S</b>	Range <b>32-E</b>	Lot Idn	Feet from the <b>330</b>	North/South line <b>SOUTH</b>	Feet from the <b>330</b>	East/West line <b>EAST</b>	County <b>LEA</b>
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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 <b>40</b>	Joint or Infill	Consolidation Code	Order No.						

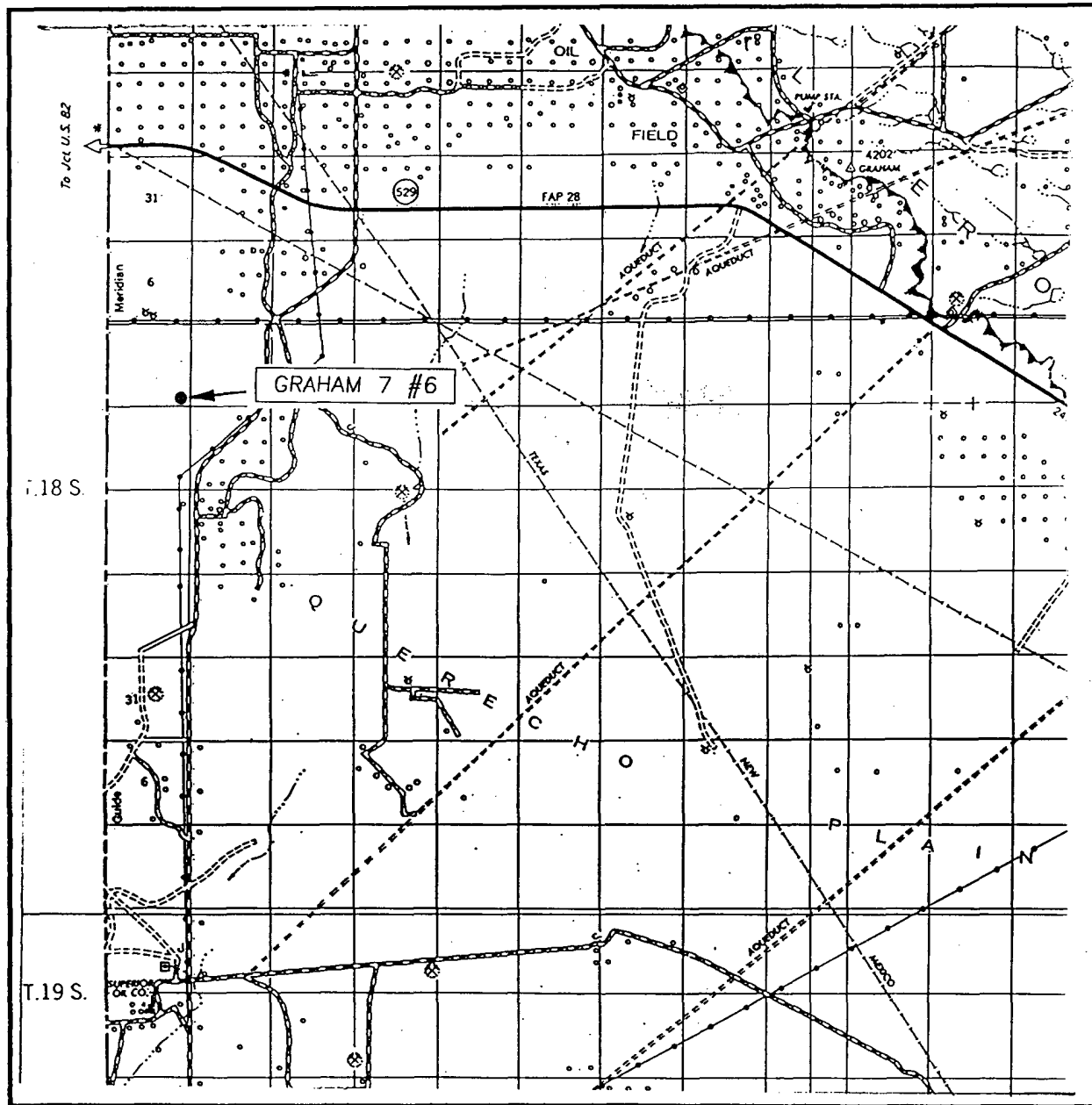
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

						<b>OPERATOR CERTIFICATION</b>	
						<i>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</i>	
						<b>Erik L. Block</b> Signature	
						<b>Engineer</b> Title	
						<b>2-18-03</b> Date	
						<b>SURVEYOR CERTIFICATION</b>	
						<i>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.</i>	
						<b>JANUARY 28, 2003</b> Date Surveyed	
						<b>L.A.</b>	
						Signature & Seal of Professional Surveyor	
						<b>RONALD J. EIDSON</b> 1/29/03	
						<b>03110066</b>	
						Certificate No. <b>RONALD J. EIDSON 3239</b> <b>GARY EIDSON 12841</b>	

RECEIVED  
Hobbs  
OCD

330'

# VICINITY MAP

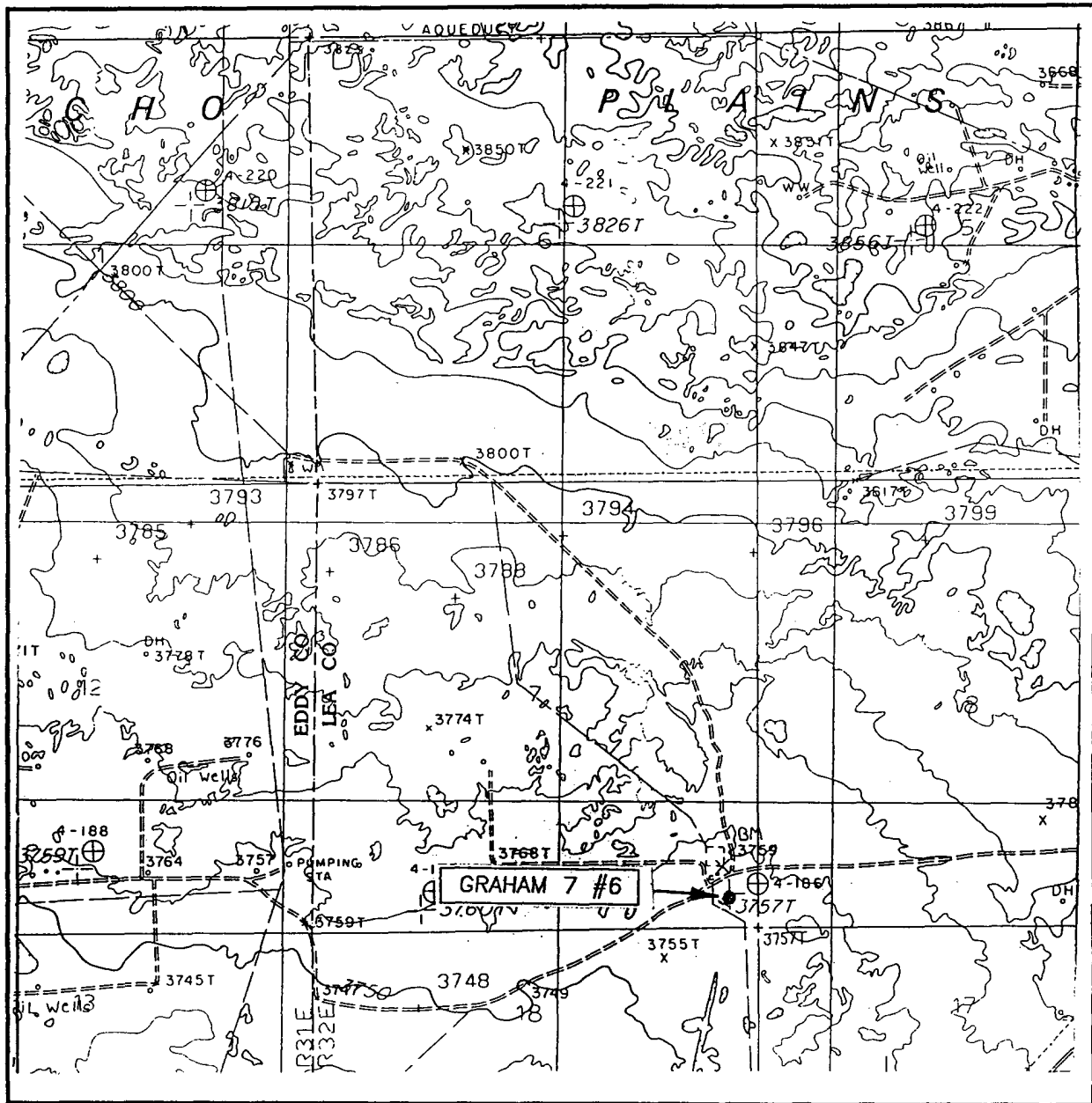


SCALE: 1" = 2 MILES

SEC. 7 TWP. 18-S RGE. 32-E  
 SURVEY N.M.P.M.  
 COUNTY LEA  
 DESCRIPTION 330' FSL & 330' FEL  
 ELEVATION 3759'  
 OPERATOR CIMAREX ENERGY COMPANY  
 LEASE GRAHAM "7"

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

# LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL: 10'  
MALJAMAR, N.M.

SEC. 7 TWP. 18-S RGE. 32-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 330' FSL & 330' FEL

ELEVATION 3759'

OPERATOR CIMAREX ENERGY COMPANY

LEASE GRAHAM "7"

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

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

# Cimarex Energy Co.

Graham "7" - 6

## Proposed Blowout Preventor Stack *BOPE To Drill 0' - 3750'*

### Valve Nomenclature

- 1.) CIW 2 1/16" 5m Manual Gate Valve
- 2.) CIW 2 1/16" 5m Manual Gate Valve

