

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

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

Form C-101  
Revised March 17, 1999

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 Matador Operating Company 8340 Meadow Road #150 Dallas, TX		<sup>2</sup> OGRID Number 14245
		<sup>3</sup> API Number 30-025-36022
<sup>3</sup> Property Code 30598	<sup>5</sup> Property Name Shelley "27" State	<sup>6</sup> Well No. 1

<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	27	19S	37E		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  
Monument; Tubb

<sup>10</sup> Proposed Pool 2

<sup>11</sup> Work Type Code N	<sup>12</sup> Well Type Code O	<sup>13</sup> Cable/Rotary Rotary	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 3605'
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 7200'	<sup>18</sup> Formation Tubb	<sup>19</sup> Contractor Patterson	<sup>20</sup> Spud Date October 15, 2002

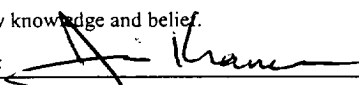
<sup>21</sup> Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12-1/4"	8-5/8"	24#	1350'	600	Circ to surface
7-7/8"	4-1/2"	11.6#	7200'	750	2000

<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.

Drill 12-1/4" hole to top of Anhydrite @±1350'. Run and cement 8-5/8" casing. Nipple up 11" 3M BOP assembly and test to 3000 psi. Drill 7-7/8" hole to 7200'. Evaluate to run 4-1/2" casing.

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:  Printed name: Jim Kramer Title: Sr. Drilling Engineer Date: 10/7/02 Phone: 214-987-7128		<b>OIL CONSERVATION DIVISION</b> Approved by: ORIGINAL SIGNED BY PAUL F. KAUTZ Title: PETROLEUM ENGINEER Approval Date: OCT 14 2002 Expiration Date: Conditions of Approval: Attached <input type="checkbox"/>
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DISTRICT I  
P. O. Box 1980  
Hobbs, NM 88241-1980

State of New Mexico  
Energy, Minerals, and Natural Resources Department

Form C-102  
Revised 02-10-94

Instructions on back

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

Submit to the Appropriate  
District Office  
State Lease - 4 copies  
Fee Lease - 3 copies

DISTRICT III  
1000 Rio Brazos Rd.  
Aztec, NM 87410

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

☐ AMENDED REPORT

DISTRICT IV  
P. O. Box 2088  
Santa Fe, NM 87507-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-025-36022	<sup>2</sup> Pool Code 47090	<sup>3</sup> Pool Name Monument; Tubb
<sup>4</sup> Property Code 30-598	<sup>5</sup> Property Name SHELLEY '27' STATE	<sup>6</sup> Well Number 1
<sup>7</sup> OGRID No. 14245	<sup>8</sup> Operator Name MATADOR OPERATING COMPANY	<sup>9</sup> Elevation 3605'

<sup>10</sup> SURFACE LOCATION

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
P	27	19 SOUTH	37 EAST, N.M.P.M.		330'	SOUTH	330'	EAST	LEA

"BOTTOM HOLE LOCATION IF DIFFERENT FROM SURFACE

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County

<sup>12</sup> Dedicated Acres 80	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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NO ALLOWABLE WELL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN  
CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

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OPERATOR CERTIFICATION

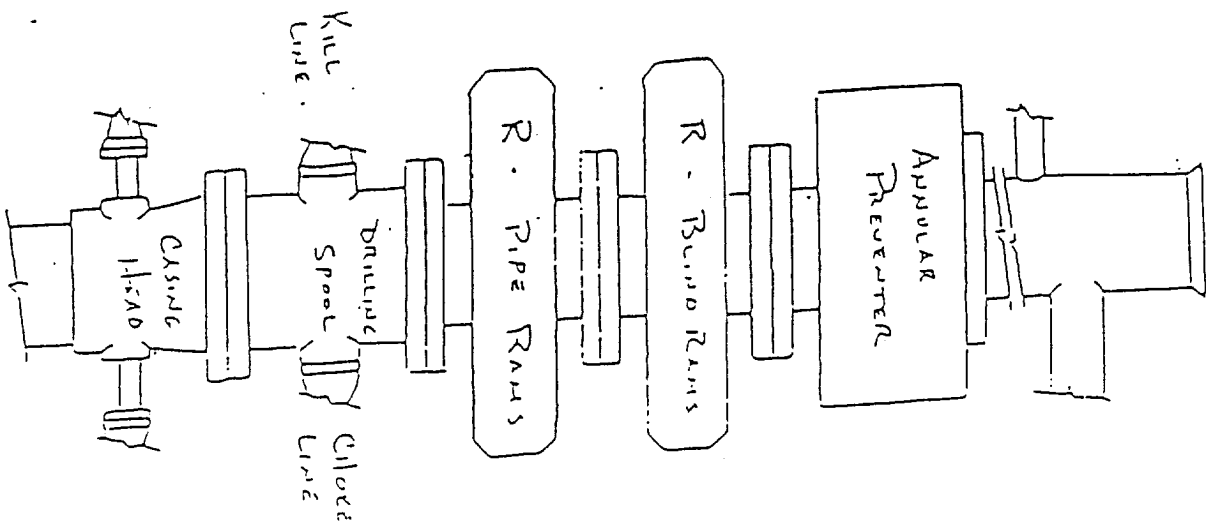
I hereby certify that the information  
contained herein is true and complete  
to the best of my knowledge and belief.

Signature <i>Jim Kramer</i>
Printed Name Jim Kramer
Title Sr. Drilling Engineer
Date 10/7/02

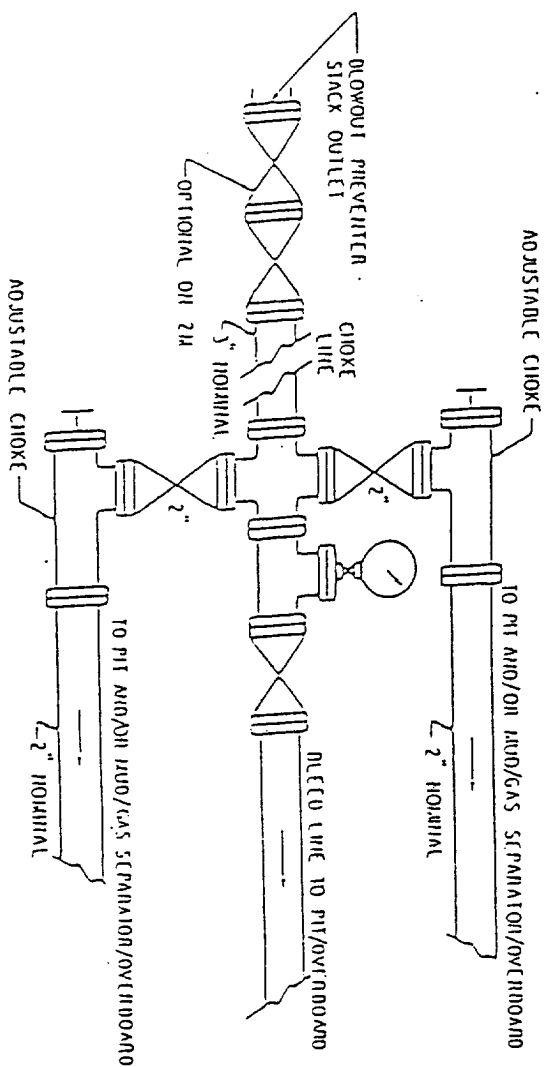
SURVEYOR CERTIFICATION

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.

Date of Survey MARCH 12, 2002
Signature and Seal of Professional Surveyor <i>V. L. Bezner</i>
Certificate No. V. L. BEZNER R.P.S. #7920
JOB #80812 / 70 SW / J.C.P.



3000 PSI  
Working Pressure



MATADOR OPERATING COMPANY  
SHELLEY "27" STATE #1  
SEC. 27, T19S, R37E  
LEA COUNTY, NEW MEXICO

BLOWOUT PREVENTER

