

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 South First, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Form C-101  
Revised March 17, 1999

Oil Conservation Division  
2040 South Pacheco  
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<br><b>Clayton Williams Energy, Inc.<br/>Six Desta Drive, Suite 3000<br/>Midland, TX 79705</b> |                                                   | <sup>2</sup> GRID Number<br><b>25706</b>       |
| <sup>3</sup> Property Code<br><b>25339</b>                                                                                           | <sup>4</sup> Property Name<br><b>STATE "20 E"</b> | <sup>5</sup> API Number<br><b>30-015-30969</b> |
|                                                                                                                                      |                                                   | <sup>6</sup> Well No.<br><b>1</b>              |

<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      |
|---------------|-----------|-------------|-------------|---------|---------------|------------------|---------------|----------------|-------------|
| <b>C</b>      | <b>20</b> | <b>17 S</b> | <b>29 E</b> |         | <b>815</b>    | <b>north</b>     | <b>2135</b>   | <b>west</b>    | <b>Eddy</b> |

<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<br><b>Empire, East (Yeso) (96610)</b> |         |          |       |         | <sup>10</sup> Proposed Pool 2<br><b>Grayburg Jackson -7R's,QN,GB,SA (28509)</b> |                  |               |                |        |

|                                          |                                              |                                              |                                                    |                                                      |
|------------------------------------------|----------------------------------------------|----------------------------------------------|----------------------------------------------------|------------------------------------------------------|
| <sup>11</sup> Work Type Code<br><b>N</b> | <sup>12</sup> Well Type Code<br><b>O</b>     | <sup>13</sup> Cable/Rotary<br><b>R</b>       | <sup>14</sup> Lease Type Code<br><b>S</b>          | <sup>15</sup> Ground Level Elevation<br><b>3621'</b> |
| <sup>16</sup> Multiple<br><b>N</b>       | <sup>17</sup> Proposed Depth<br><b>5000'</b> | <sup>18</sup> Formation<br><b>Yeso Sands</b> | <sup>19</sup> Contractor<br><b>Norton Drilling</b> | <sup>20</sup> Spud Date<br><b>When approved</b>      |

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

| Hole Size      | Casing Size   | Casing weight/foot | Setting Depth | Sacks of Cement | Estimated TOC  |
|----------------|---------------|--------------------|---------------|-----------------|----------------|
| <b>12-1/4"</b> | <b>8-5/8"</b> | <b>24#</b>         | <b>450'</b>   | <b>300</b>      | <b>surface</b> |
| <b>7-7/8"</b>  | <b>5-1/2"</b> | <b>17#</b>         | <b>5000'</b>  | <b>880</b>      | <b>surface</b> |
|                |               |                    |               |                 |                |

<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.

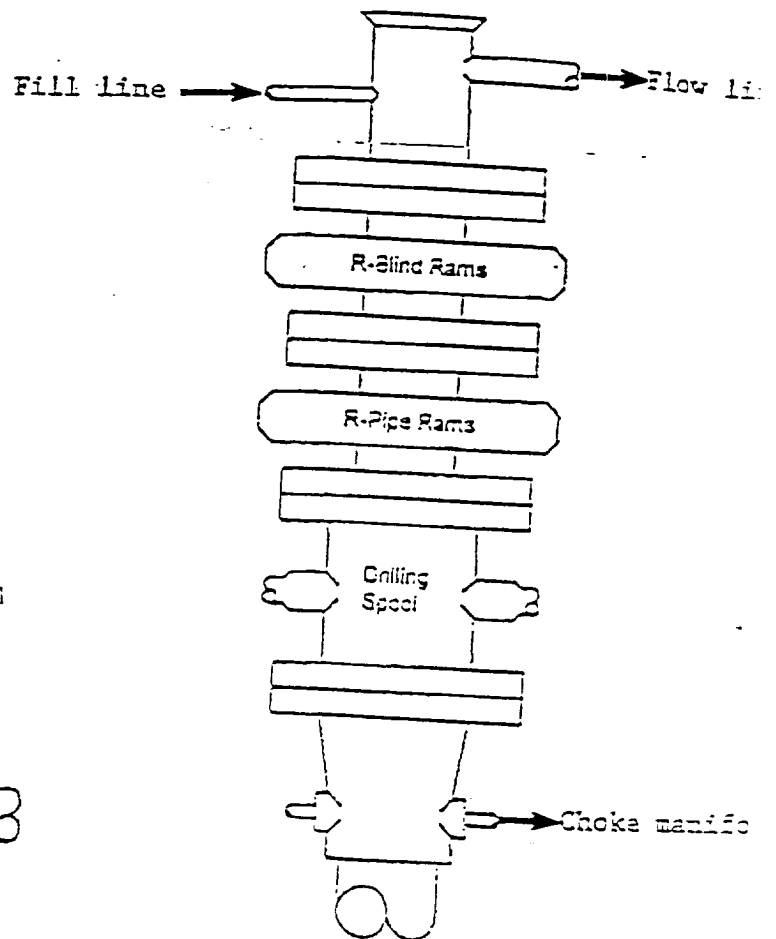
Describe the blowout prevention program, if any. Use additional sheets if necessary.

1. Drill 12-1/4" hole to 450'. Run and set 450' of 8-5/8" 24# J-55 ST&C casing. Cement with 300 sx. of Cl. "C" + 2% S1 (CaCl2) + 1/4#/sx. celloflake. Circulate cement to surface.
2. Drill 7-7/8" hole to 5000'. Run and set 5000' of 5-1/2" 17# J-55 ST&C casing. Cement with 360 sx. Cl. "C" 50/50 Poz + 2%D-20 + 1% B28 + 0.2% D112 FLAC + 0.2% D65 TIC + 3#/sx. D42 + 1/4#/sx. celloflake, tail with 520 sx. Cl. "C" 50/50 Poz + 2% D20 + 1% B28 + 0.2% D112FLAC + 0.2% D65TIC + 5# D42/Sx. + 1/4#/sx. celloflake. Circulate cement to surface.

Post 2-18-00

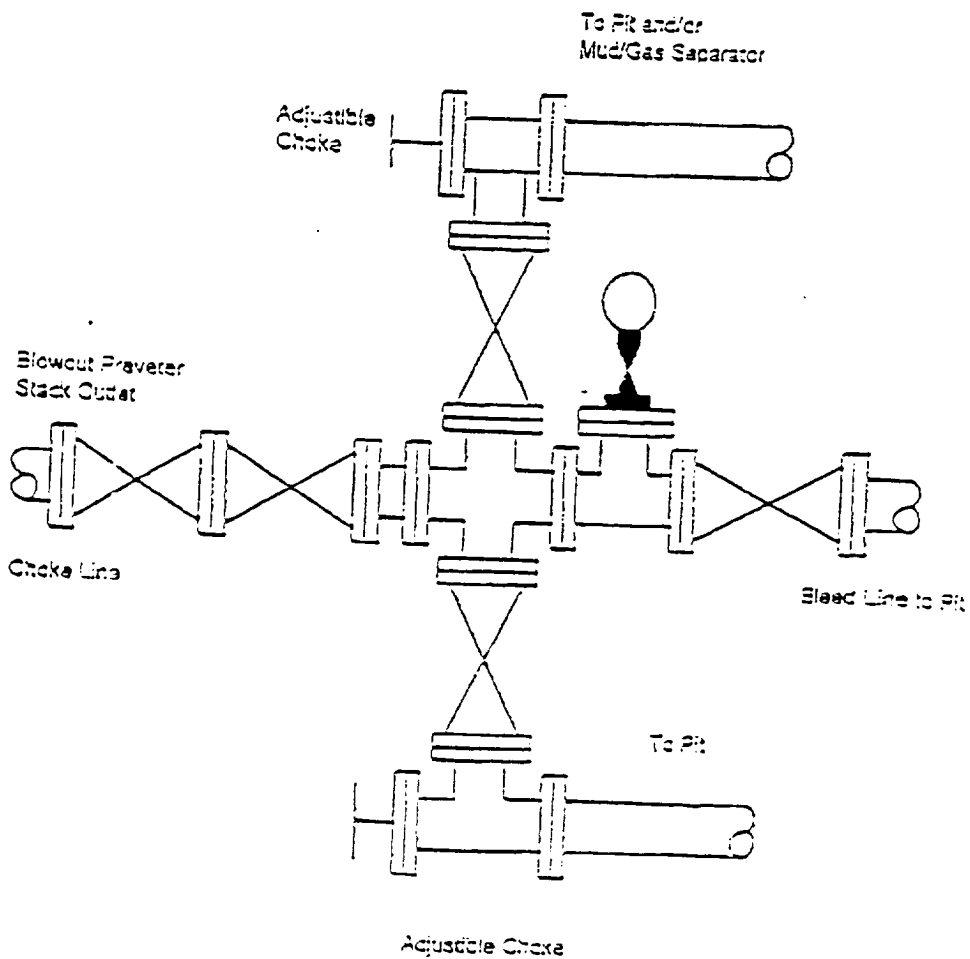
|                                                                                                                              |  |                                                   |                          |
|------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------|--------------------------|
| <sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. |  | <b>OIL CONSERVATION DIVISION</b>                  |                          |
| Signature: <i>Betsy Luna</i>                                                                                                 |  | Approved by: <b>ORIGINAL SIGNED BY TIM W. GUM</b> |                          |
| Printed name: Betsy Luna                                                                                                     |  | <b>DISTRICT II SUPERVISOR</b>                     |                          |
| Title: Regulatory Analyst                                                                                                    |  | Title:                                            |                          |
| Date: 2/10/2000                                                                                                              |  | Approval Date: 2-14-00                            | Expiration Date: 2-14-01 |
| Phone: (915) 682-6324                                                                                                        |  | Conditions of Approval:                           |                          |
|                                                                                                                              |  | Attached <input type="checkbox"/>                 |                          |

# BLOWOUT PREVENTER SYSTEM



Type 900 Series  
3000 psi WP

Choke Manifold Assembly for 3M WP System



DISTRICT I  
P.O. Box 1960, Hobbs, NM 88241-1960

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 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

OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                    |                                                |                                  |
|--------------------|------------------------------------------------|----------------------------------|
| API Number         | Pool Code<br>96610                             | Pool Name<br>Empire, East (Yeso) |
| Property Code      | Property Name<br>STATE "20 E"                  | Well Number<br>1                 |
| OGRID No.<br>25706 | Operator Name<br>CLAYTON WILLIAMS ENERGY, INC. | Elevation<br>3621                |

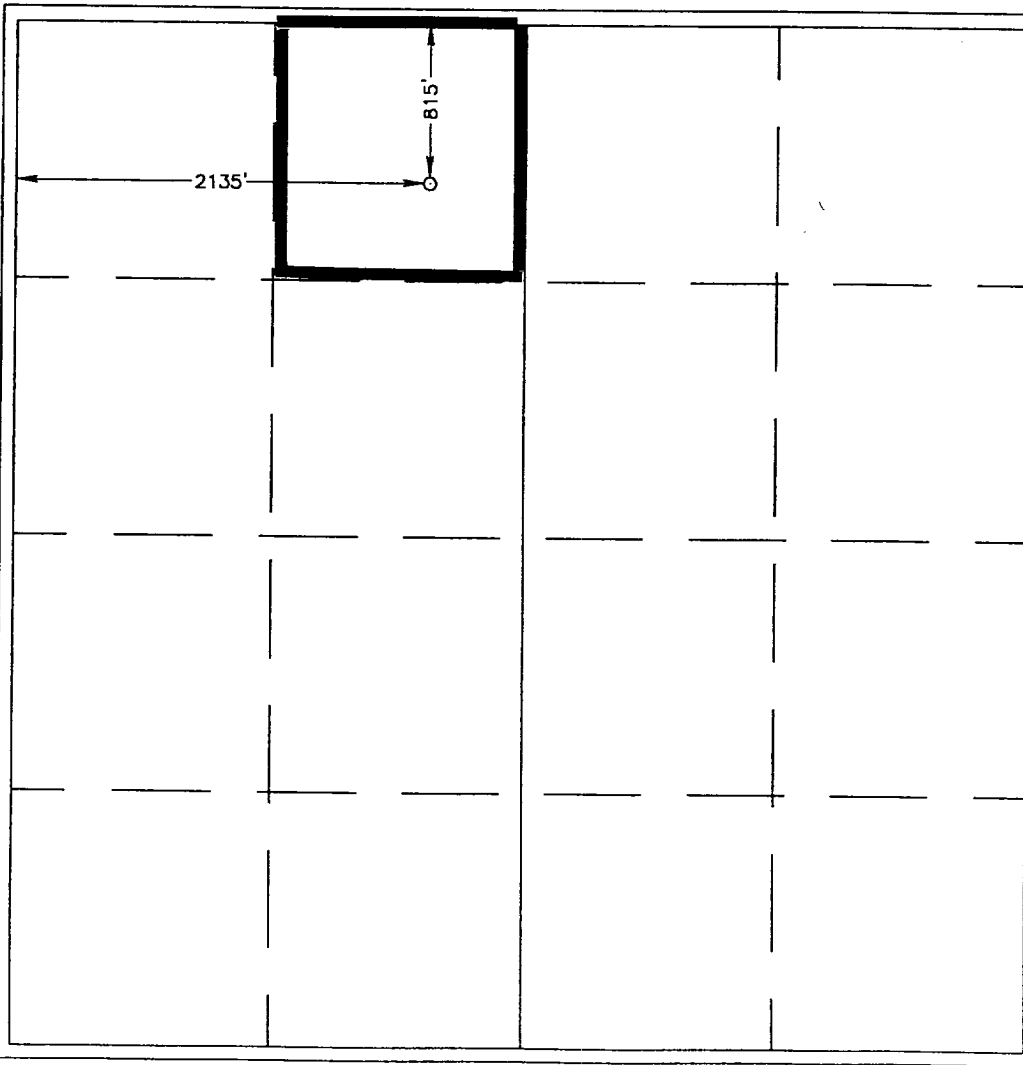
Surface Location

|                    |               |                  |              |         |                      |                           |                       |                        |                |
|--------------------|---------------|------------------|--------------|---------|----------------------|---------------------------|-----------------------|------------------------|----------------|
| UL or lot No.<br>C | Section<br>20 | Township<br>17 S | Range<br>29E | Lot Idn | Feet from the<br>815 | North/South line<br>NORTH | Feet from the<br>2135 | East/West line<br>WEST | County<br>EDDY |
|--------------------|---------------|------------------|--------------|---------|----------------------|---------------------------|-----------------------|------------------------|----------------|

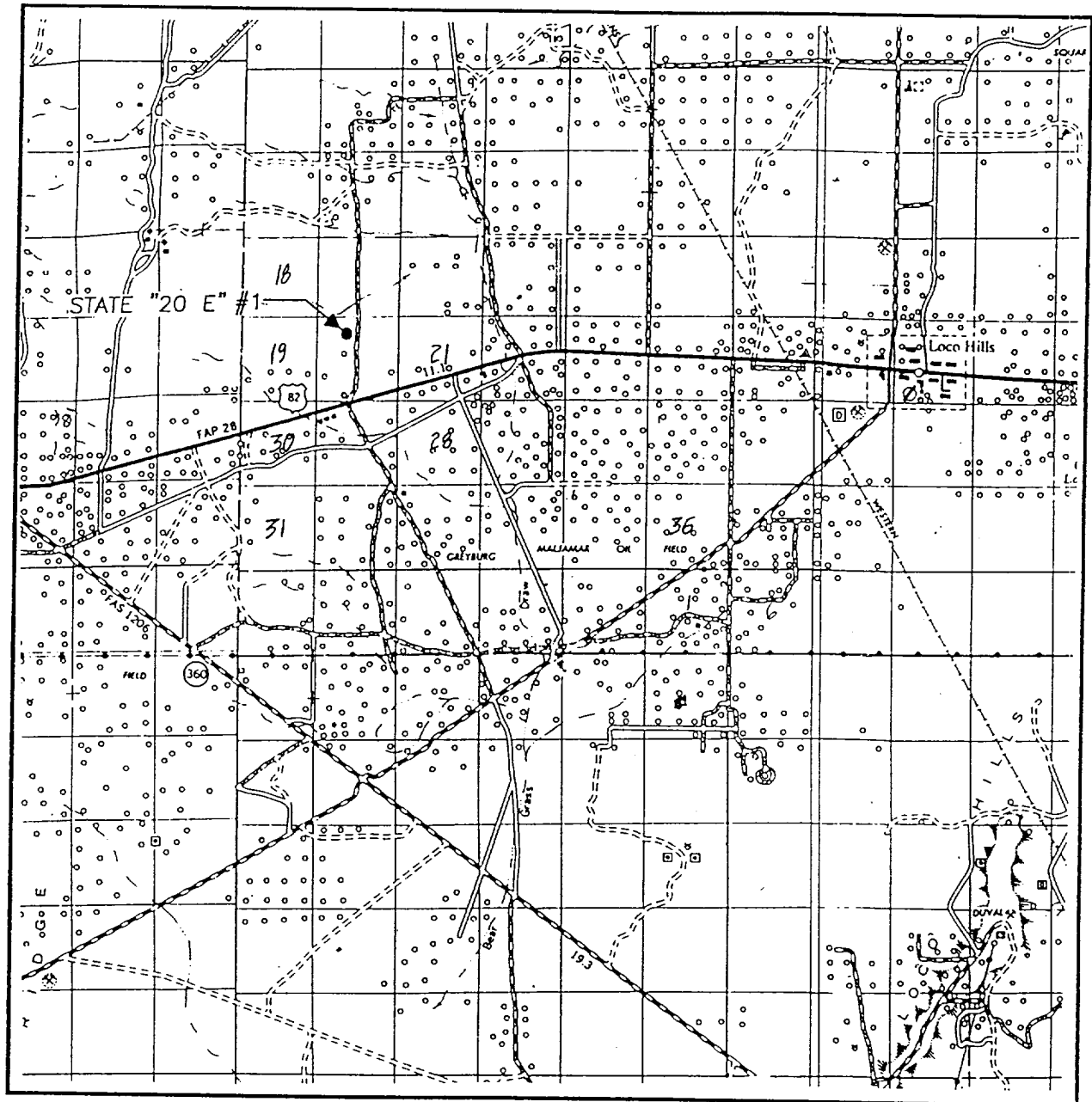
Bottom Hole Location If Different From Surface

|                       |                 |                    |           |         |               |                  |               |                |        |
|-----------------------|-----------------|--------------------|-----------|---------|---------------|------------------|---------------|----------------|--------|
| UL or lot No.         | Section         | Township           | Range     | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
| Dedicated Acres<br>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

|                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Betsy Luna</i><br/>Signature</p> <p>Betsy Luna<br/>Printed Name</p> <p>Regulatory Analyst<br/>Title</p> <p>02-10-2000<br/>Date</p> <p><b>SURVEYOR CERTIFICATION</b></p> <p>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.</p> <p>FEBRUARY 2, 2000<br/>Date Surveyed</p> <p>Signature &amp; Seal of Professional Surveyor<br/><i>Ronald J. Edson</i><br/>00-11-0180</p> <p>Certificate No. RONALD J. EDSON 3239<br/>GARY EDSON 12641<br/>MACON McDONALD 12185</p> |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

# VICINITY MAP

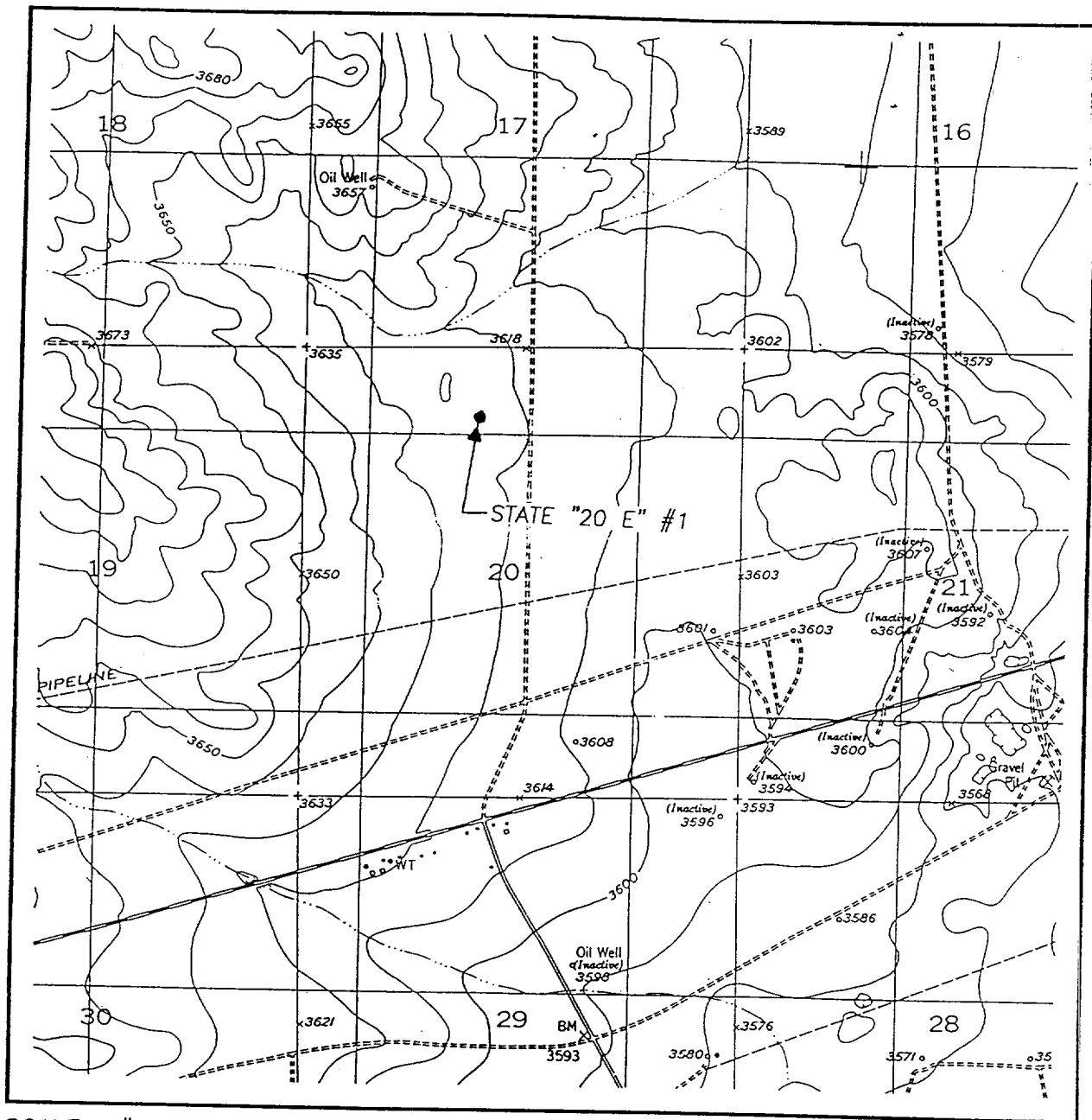


SCALE: 1" = 2 MILES

SEC. 20 TWP. 17-S RGE. 29-E  
 SURVEY N.M.P.M.  
 COUNTY EDDY  
 DESCRIPTION 815' FNL & 2135' FWL  
 ELEVATION 3621  
 OPERATOR CLAYTON WILLIAMS  
ENERGY, INC.  
 LEASE STATE "20 E"

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

# LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:  
RED LAKE SE, N.M. - 10'

SEC. 20 TWP. 17-S RGE. 29-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 815' FNL & 2135' FWL

ELEVATION 3621

OPERATOR CLAYTON WILLIAMS ENERGY, INC.

LEASE STATE "20 E"

U.S.G.S. TOPOGRAPHIC MAP  
RED LAKE SE, N.M.

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