

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. 1st Street, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources

Oil Conservation Division  
1220 S. 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 <b>XTO Energy Inc.</b> <b>2700 Farmington Ave., Bldg. K. Ste 1</b>		<sup>2</sup> OGRID Number <b>167067</b>
<sup>4</sup> Property Code <b>22823</b>	<sup>5</sup> Property Name <b>State Gas Com "BI"</b>	<sup>3</sup> API Number <b>30-045-32046</b>
		<sup>6</sup> Well No. <b>#2</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>16</b>	<b>30N</b>	<b>13W</b>		<b>875'</b>	<b>North</b>	<b>1445'</b>	<b>West</b>	<b>San Juan</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 <b>Basin Dakota</b>					<sup>10</sup> Proposed Pool 2				

<sup>11</sup> Work Type Code <b>N</b>	<sup>12</sup> Well Type Code <b>G</b>	<sup>13</sup> Cable/Rotary <b>R</b>	<sup>14</sup> Lease Type Code <b>State</b>	<sup>15</sup> Ground Level Elevation <b>5,449' Ground Level</b>
<sup>16</sup> Multiple <b>No</b>	<sup>17</sup> Proposed Depth <b>6,350'</b>	<sup>18</sup> Formation <b>Dakota</b>	<sup>19</sup> Contractor <b>Bearcat Drilling</b>	<sup>20</sup> Spud Date <b>Winter, 2004</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>24.0#/ft</b>	<b>320'</b>	<b>+250 sx</b>	<b>Surface</b>
<b>7-7/8"</b>	<b>4-1/2"</b>	<b>10.5 #/ft</b>	<b>6,350'</b>	<b>+890 sx</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.

Drl to 320'. Cmt 8-5/8" csg w/250 sx Type III cmt w/2% CC & 1/4#/sx cello (14.5 ppg, 1.39 cuft, 6.8 gal/sx).

Set 4-1/2" csg @ 6,825'. Cmt first stg (tail) w/150 sx Type III w/5% A-10, 2% Pheno, 1/4#/sx cello, 0.2% FL & 0.3% disp (14.2 ppg, 1.54 cuft) preceded by (lead) 340 sx Prem Lite w/2% KCl, 2% Phenoseal, 0.2% disp, 0.5% FL & 1/4# cello (12.5 ppg, 2.01 cuft). Cement second stg (tail) w/100 sx Type III neat (14.5 ppg, 1.39 cuft) preceded by (lead) 300 sx Type III w/8% gel, 2% Phenoseal & 1/4# cello (11.4 ppg, 3.03 cuft). Final cmt volumes will be obtained from logs +40%. BOP diagram is attached. DV Tool will be located @ + - 3,500'.

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

Signature:

*Jeffrey W. Patton* 12/8/03

Printed name: **Jeffrey W. Patton**

Title: **Drilling Engineer**

Date:

Phone:

OIL CONSERVATION DIVISION

Approved by:

Title: **DEPUTY OIL & GAS INSPECTOR, DIST. 13**

Approval Date: **DEC - 8 2003**

Expiration Date: **DEC - 8 2004**

Conditions of Approval:

Attached ☐

**Certificate Number**

# BOP SCHEMATIC FOR DRILLING OPERATIONS CLASS 1 (2M) NORMAL PRESSURE

## TESTING PROCEDURE

### 1. Test BOP after installation:

Pressure test BOP to 200-300  
psig (low pressure) for 5 min.

Test BOP to Working Press or  
to 70% internal yield of surf csg  
(10 min).

### 2. Test operation of (both) rams on every trip.

### 3. Check and record Accumulator pressure on every tour.

### 4. Re-pressure test BOP stack after changing out rams.

### 5. Have kelly cock valve with handle available.

### 6. Have safety valve and subs to fit all sizes of drill string.

