

District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
811 South First, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-101  
Revised October 18, 1994  
Instructions on back  
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. Energen Resources Corporation 3300 N. A St, Bldg 4, Ste 100 Midland, TX 79705		<sup>2</sup> OGRID Number 162928
		<sup>3</sup> API Number 30 - 025 - 34919
<sup>4</sup> Property Code 23267	<sup>5</sup> Property Name Langlie Lynn Queen Unit	<sup>6</sup> Well No. 23

<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
J	22	23D	36E		1863'	South	1950'	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 Langlie Mattix 7 RVS Queen - GB					<sup>10</sup> Proposed Pool 2				

<sup>11</sup> Work Type Code N	<sup>12</sup> Well Type Code I	<sup>13</sup> Cable/Rotary Rotary	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 3387'
<sup>16</sup> Multiple NO	<sup>17</sup> Proposed Depth 3,850'	<sup>18</sup> Formation 7 Rivers/Queen	<sup>19</sup> Contractor To Be Determined	<sup>20</sup> Spud Date 3/8/2000

<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"	24.00#	300'	200	Surface
7 7/8"	5 1/2"	15.50#	3,850'	500	Surface

<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.

Plan to drill a 12 1/4" hole to 300', run 8 5/8" J-55 24.00# ST&C casing, & cement to surface w/ a minimum of 250 cu.ft. of cement. NU a 11" x 3M# hydraulic double ram BOP w/ a 2" x 3M# choke manifold. Install H2S monitoring equipment & train all personnel. Drill a 7 7/8" hole to 3,850', run 5 1/2" J-55 15.50# LT&C casing, & cement to surface w/ approximately 1,000 cu.ft. of cement. Perforate & acidize the 7 Rivers / Queen as necessary, & place well on injection.

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

Signature:

*Denise Menoud*

Printed name:

Denise Menoud

Title:

Production Tech.

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Expiration Date:

JP  
mc