

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. Zia Energy, Inc. PO Box 2510 Hobbs, NM 88241		<sup>2</sup> OGRID Number 025616
		<sup>3</sup> API Number 30 - 025-34856
<sup>4</sup> Property Code 013024	<sup>5</sup> Property Name Cole State	<sup>6</sup> Well No. 8

<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
G	16	22s	37e		2240	FNL	2310	FEL	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 Eunice San Andres Southwest					<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 R	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 3404
<sup>16</sup> Multiple	<sup>17</sup> Proposed Depth 4100	<sup>18</sup> Formation San Andres	<sup>19</sup> Contractor Rod Ric	<sup>20</sup> Spud Date

<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#	400	270 sxs	Surf
7 7/8"	5 1/2"	15.5#	4100	1100 sxs	Surf

<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. Prepare location - dig & line pits for drilling.
2. Move in & rig up Rod Ric Drlg. Install BOP.
3. Drill 12 1/4" hole and set 8 5/8" casing at 400'. Cement to Surface.
4. Drill 7 7/8" hole and set 5 1/2" at 4100'. Cement to surface.
5. Log cased hole with CNL.
6. Perforate based on porosity logs. Stimulate with acid and if necessary fracture treat.
7. Place on production and test.

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: *Scott Nelson*  
Printed name: Scott Nelson  
Title: Engineer  
Date: 1/12/00  
Phone: 505-393-2937

OIL CONSERVATION DIVISION

Approved by: *[Signature]*  
Title: *[Signature]*  
Approval Date: *[Signature]* Expiration Date: *[Signature]*  
Conditions of Approval: Attached ☐

*[Signature]*

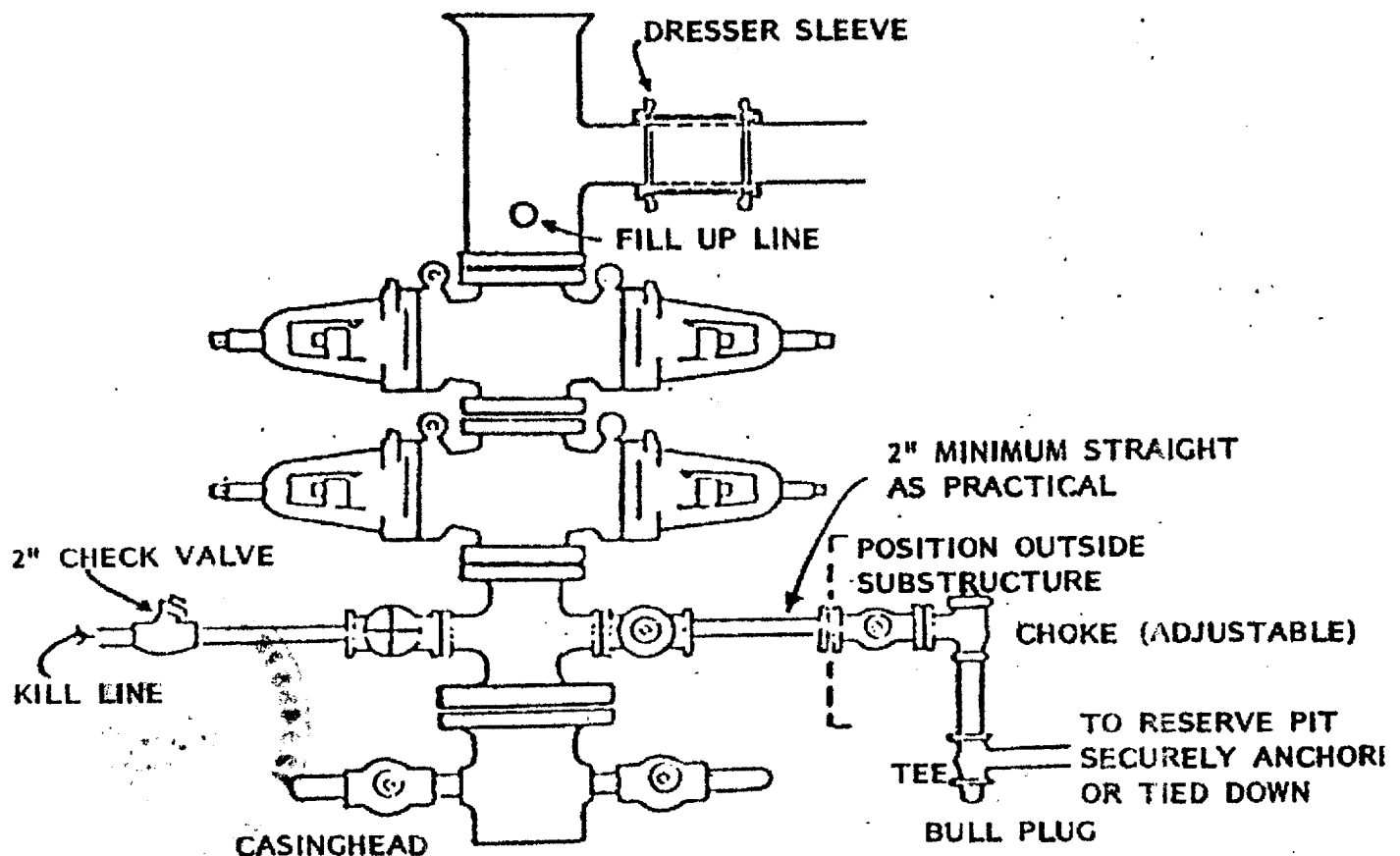


1. All equipment must be in good condition, 2,000 psi WP (4,000 psi test) minimum.
2. Bell nipple above blowout preventer shall be same size as casing being drilled through.
3. Kelly cock to be installed on kelly.
4. Pull opening safety valve 2,000 psi W.P. (4,000 psi test) minimum must be available on rig floor at all times with proper connection or subs to fit any tool joint in string.
5. Spool or cross may be eliminated if connections are available in the lower part of the blowout preventer body.
6. Double or space saver type preventers may be used in lieu of two single preventers.
7. BOP rams to be installed as follows:
 

Top preventer	-	Drill pipe or casing rams
Bottom preventer	-	Blind rams

\*Zia superintendent may reverse location of rams.

8. Extensions and hand wheels to be installed and braced at all times.
9. Manifold valves may be gate or plug metal to metal seal 2" minimum.





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

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 <b>30-025-34856</b>	Pool Code <b>24180</b>	Pool Name <b>Eunice, San Andres, SW</b>
Property Code <b>13024</b>	Property Name <b>COLE STATE</b>	Well Number <b>8</b>
OGRID No. <b>25616</b>	Operator Name <b>ZIA ENERGY, INC.</b>	Elevation <b>3404</b>

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>G</b>	<b>16</b>	<b>22 S</b>	<b>37 E</b>		<b>2240</b>	<b>NORTH</b>	<b>2310</b>	<b>EAST</b>	<b>LEA</b>

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 hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  <u>Scott Nelson</u> Signature <u>Scott Nelson</u> Printed Name <u>Engr.</u> Title <u>1/12/00</u> Date
	<b>SURVEYOR CERTIFICATION</b>  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.  JANUARY 10, 2000 Date Surveyed Signature & Seal of Professional Surveyor <u>Ronald J. Eidson</u> 01/12/2000 00-11-0009
	Certificate No. <b>RONALD J. EIDSON 3239</b> <b>GARY EIDSON 12641</b> <b>MACON McDONALD 12185</b>

WILL BE RELEASED  
CONFIDENTIAL LOGS  
INDICATE WHEN  
ABOVE DATA DOES NOT

ELF

