

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

¹ Operator Name and Address. Zia Energy, Inc. PO Box 2510 Hobbs, NM 88241		² OGRID Number 025616
		³ API Number 30 - 025 - 36824
⁴ Property Code 013024	⁵ Property Name Cole State	⁶ Well No. 15

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	16	22s	37e		660	FNL	1780	FWL	Lea

⁸ 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
⁹ Proposed Pool 1 Eunice San Andres Southwest					¹⁰ Proposed Pool 2 30-025-36824				

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3408
¹⁶ Multiple	¹⁷ Proposed Depth 4200	¹⁸ Formation San Andres	¹⁹ Contractor CapStar	²⁰ Spud Date 11/1/2002

²¹ 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#	1160	650 sxs	Surf
7 7/8"	5 1/2"	15.5#	4200	1000 sxs	Surf

²² 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.

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

1. Prepare location - dig & line pits for drilling.
2. Move in & rig up Cap Star Drlg.
3. Drill 12 1/4" hole and set 8 5/8" casing at 1160'. Cement to Surface.
4. Drill 7 7/8" hole and set 5 1/2" at 4200'. 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.

²³ 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: 9/27/2002

Phone: 505-393-2937

OIL CONSERVATION DIVISION

Approved by: ORIGINAL SIGNED BY

Title: PAUL F. KAUTZ
PETROLEUM ENGINEER

Approval Date: OCT 14 2002

Expiration Date:

Conditions of Approval: Attached ☐

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

OIL CONSERVATION DIVISION

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

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number <i>30-025-36024</i>	Pool Code 24180	Pool Name Eunice San Andres Southwest
Property Code 013024	Property Name COLE STATE	Well Number 15
OGRID No. 025616	Operator Name ZIA ENERGY	Elevation 3408'

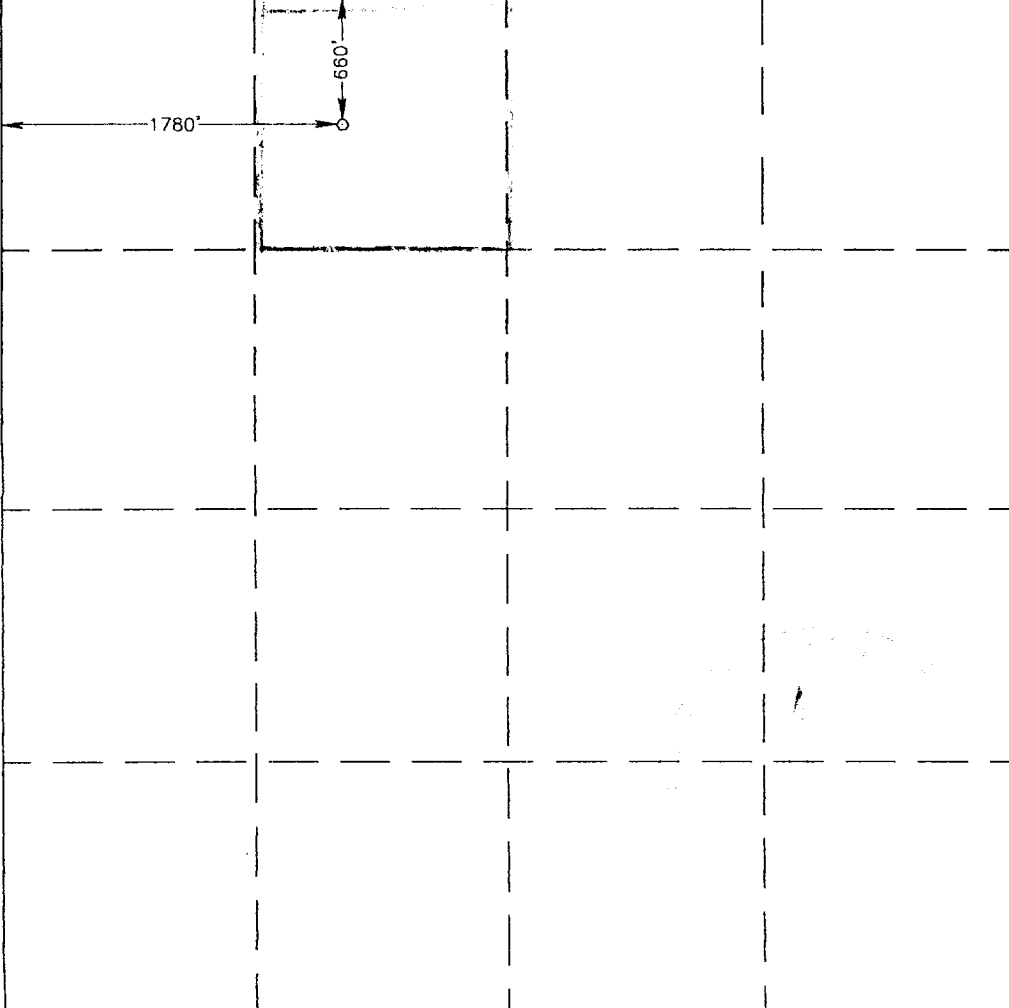
Surface Location

UL or lot No. C	Section 16	Township 22-S	Range 37-E	Lot Idn	Feet from the 660	North/South line NORTH	Feet from the 1780	East/West line WEST	County LEA
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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 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>OPERATOR CERTIFICATION</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>Scott Nelson</i> Signature Scott Nelson Printed Name Engineer Title 9/27/2002 Date</p> <p>SURVEYOR CERTIFICATION</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>SEPTEMBER 18, 2002</p> <p>Date Surveyed Signature & Seal of Professional Surveyor <i>Ronald F. Eidson</i> 9/23/02 02.11.0682 Certificate No. RONALD F. EIDSON 3239 GARY EIDSON 12641</p>
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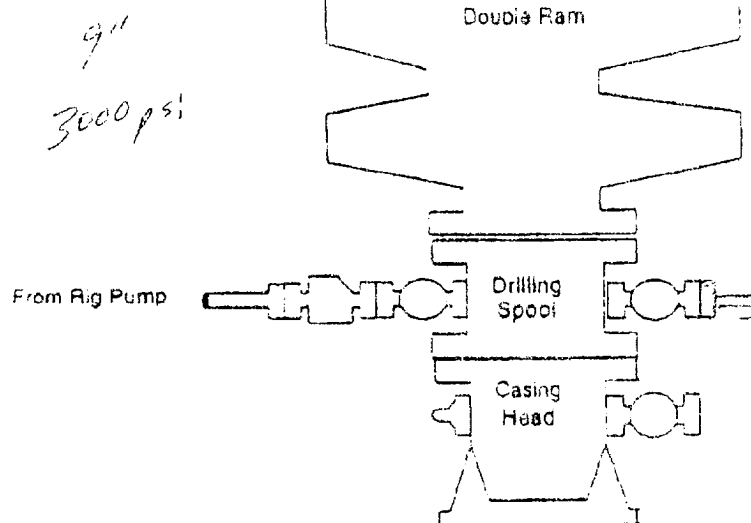
ELF
ABOVE DATE DOES NOT
INDICATE WHEN
CONFIDENTIAL LOGS
WILL BE RELEASED

1/16/03

BOP Schematic

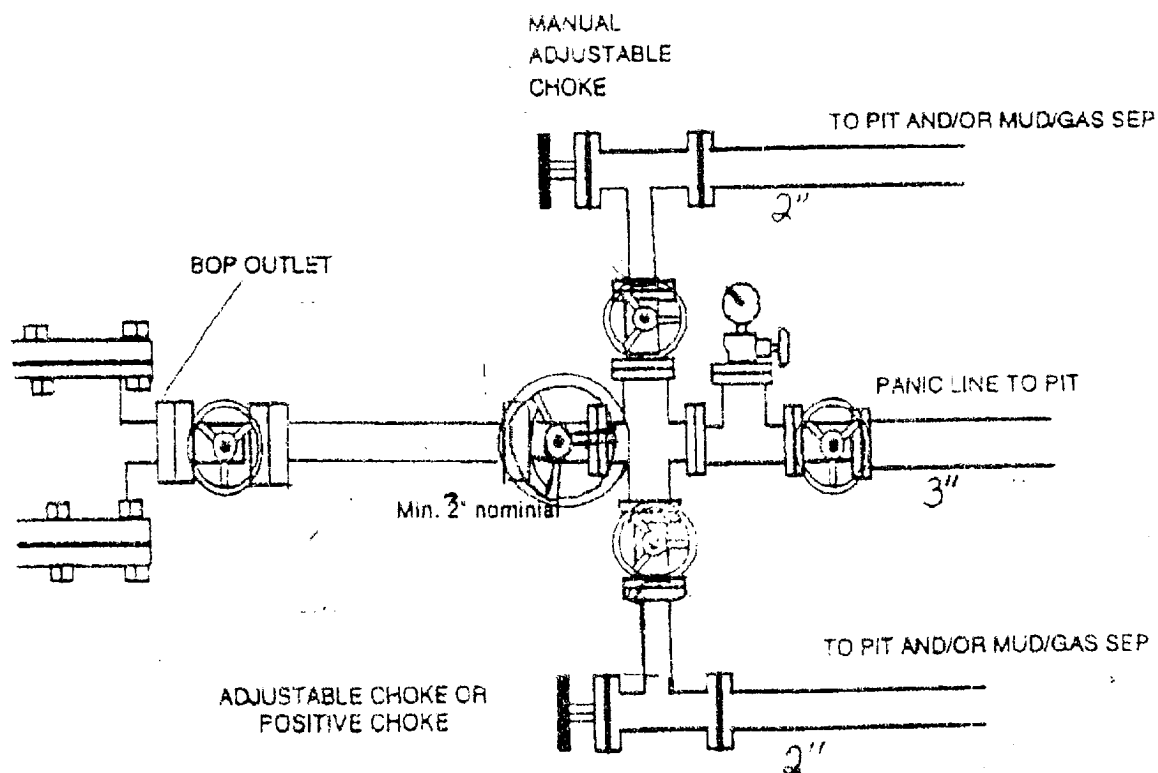
*Note: If BOP is equipped w/ side outlets below the rams a spool is not required.

3000 psi WP Double Ram
Blow-out Preventor. Must be tested
to 1000 psi prior to drilling out
8-5/8" surface casing.



Minimum 2" nominal
to choke manifold

Choke Manifold Schematic



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ELF
1/16/03