

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. P.O. Box 2219 Hobbs, NM 88241		² OGRID Number 025616
		³ APT Number 30-025-34083
⁴ Property Code 013022	⁵ Property Name Brunson	⁶ Well No. 5

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
O	4	22 S	37 E		330	South	2310	East	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

Penrose Skelly Grayburg

¹⁰ Proposed Pool 2

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3420
¹⁶ Multiple No	¹⁷ Proposed Depth 4100	¹⁸ Formation Grayburg	¹⁹ Contractor Capstar	²⁰ Spud Date 9/15/97

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	400'	260	Surface
7 7/8"	5 1/2"	15.5	4100'	1100	Surface

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.

1. Prepare location - dig & line pits for drilling.
2. Move in & rig up Capstar 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

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: August 1, 1997

Phone: 505-393-2937

OIL CONSERVATION DIVISION

Approved by: ORIGINAL SIGNED BY CHRIS WILLIAMS
DISTRICT I SUPERVISOR

Approval Date:

AUG 07 1997

Expiration Date:

Conditions of Approval: Attached

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

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

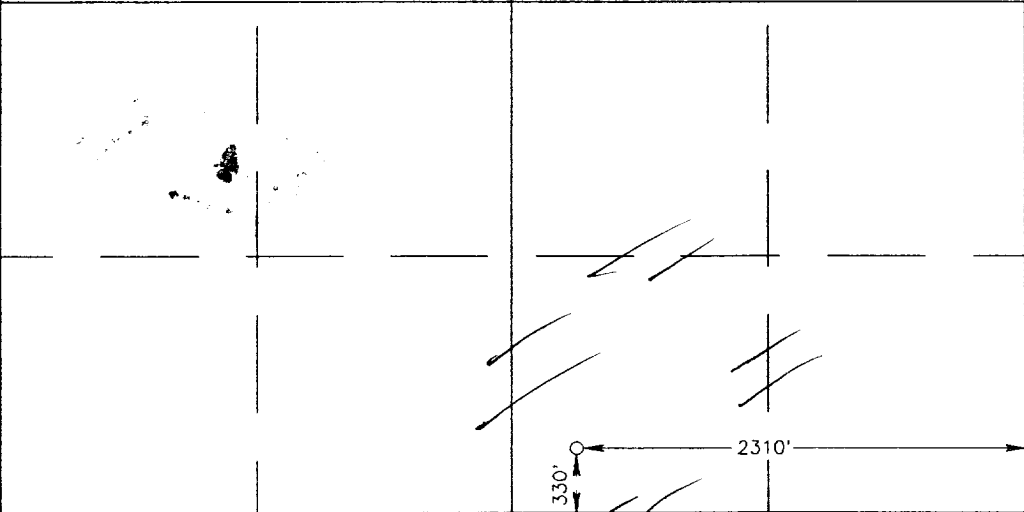
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

API Number 30-025.34093	Pool Code 50350	Pool Name Penrose Skelly Grayburg
Property Code 013022	Property Name BRUNSON	Well Number 5
OGRID No. 025616	Operator Name ZIA ENERGY	Elevation 3420

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	4	22 S	37 E		330	SOUTH	2310	EAST	LEA

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.					

LOT 4	LOT 3	LOT 2	LOT 1
39.91 ACRES	39.86 ACRES	38.80 ACRES	39.75 ACRES
			

OPERATOR CERTIFICATION

I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.

Scott Nelson
Signature

Scott Nelson
Printed Name

Engineer
Title

08/01/97
Date

SURVEYOR CERTIFICATION

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.

JULY 23, 1997

Date Surveyed

Signature & Seal of Professional Surveyor

Ronald J. Eidson 7-28-97
97-11-1229

Certificate No. JOHN W. WEST 676
RONALD J. EIDSON 3239
GARY EIDSON 12641



1. All equipment must be in good condition, 2,000 psi W.P. (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 correction 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.

