

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-101
Revised June 10, 2003

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. 2203 Timberloch Place, Suite 229 The Woodlands, TX 77380		² OGRID Number 025616
		³ API Number 30 - 025-23691
³ Property Code 34085	⁵ Property Name Greenwood	⁶ Well No. 1

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
M	9	22S	37E		330'	South	500'	West	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 - SW (24180)	¹⁰ Proposed Pool 2 Penrose Skelly
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¹¹ Work Type Code E	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3403'
¹⁶ Multiple NO	¹⁷ Proposed Depth 5000'	¹⁸ Formation San Andres	¹⁹ Contractor Mesa Well Serv	²⁰ Spud Date Approx 6-20-04

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
25"	20"	Conductor	40'	Redi-mix	Surface
12-1/4"	8-5/8"	32	1162'	550 Sx	Surface
7-7/8"	4 1/2"	10.50	7335'	75 Sx.	6800' Csg Stub
7 7/8"	5 1/2"	17.00	5000'	600 sx	Surface

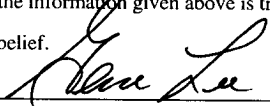

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone.
Describe the blowout prevention program, if any. Use additional sheets if necessary.

Operator proposes to drill out cement plugs and clean out well to 5485' and run electric logs. Run 5" 17# J55 Csg to 5000'. Perforate, stimulate and evaluate for commercial hydrocarbons.

Mud Program: 2% KCL, starch & gel w/ max wt—9.0#/gal.

BOP Diagram: See Attached Diagram for 3000# Double ram BOP system.

Re-Entry of Stoltz, Wagner, & Brown Greenwood #1 well, P&A on 3/26/71.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: 		OIL CONSERVATION DIVISION	
Printed name: Gene Lee		Approved by: 	
Title: Agent		Title: PETROLEUM ENGINEER	
E-mail Address: leeoninc@aol.com		Approval Date: JUL 01 2004 Expiration Date:	
Date: 5-15-04	Phone: 505-626-4292	Conditions of Approval: Attached <input type="checkbox"/>	

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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102

Revised June 10, 2003

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-23691	² Pool Code 24180	³ Pool Name Eunice San Andres - SW
⁴ Property Code 34085	⁵ Property Name Greenwood	
⁷ OGRID No. 25616	⁸ Operator Name Zia Energy, Inc.	
		⁶ Well Number 18
		⁹ Elevation 3403 GL

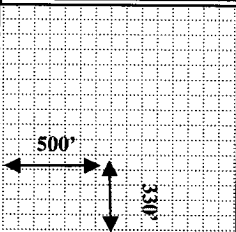
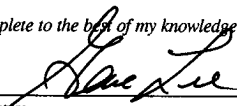
¹⁰ Surface Location

UL or lot no. M	Section 9	Township 22S	Range 37E	Lot Idn	Feet from the 330'	North/South line South	Feet from the 500'	East/West line West	County Lea
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¹¹ 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
¹² Dedicated Acres 40		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ 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>5</p> 	<div style="border: 1px solid black; padding: 5px;"> <p>¹⁷ OPERATOR CERTIFICATION</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <p>Signature: </p> <p>Printed Name: Gene Lee</p> <p>Title and E-mail Address: _____</p> <p>Agent: _____</p> <p>Date: 5-15-04</p> </div> <div style="border: 1px solid black; padding: 5px;"> <p>¹⁸ SURVEYOR CERTIFICATION</p> <p><i>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.</i></p> <p>Date of Survey: _____</p> <p>Signature and Seal of Professional Surveyor: _____</p> <p>See Original Survey: _____</p> <p>Certificate Number: _____</p> </div>
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**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form O-102
Supersedes O-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

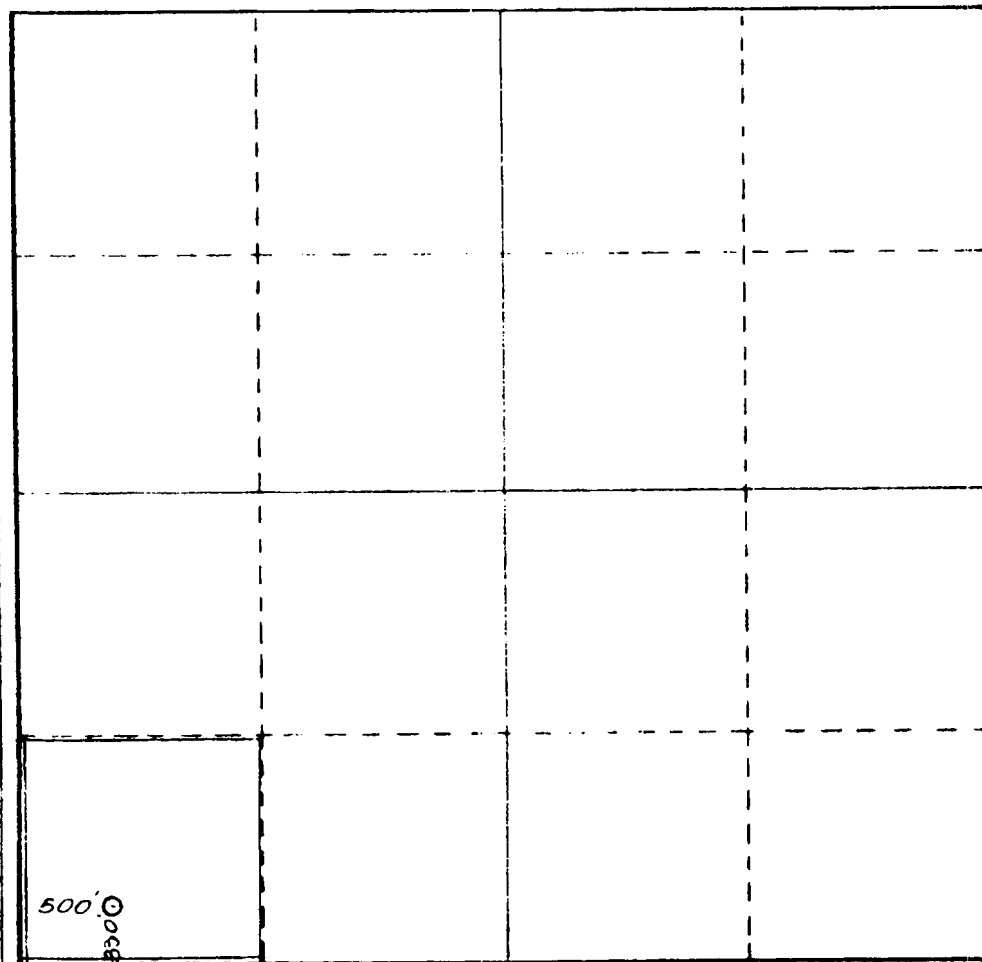
Operator STOLTZ, WAGNER AND BROWN			Lease Greenwood		Well No. 1
Unit Letter "N"	Section 9	Township 22 South	Range 37 East	County Lea	
Actual Footage Location of Well: 330 feet from the South line and 500 feet from the West line					
Ground Level Elev. 3403	Producing Formation Silurian	Pool Undes. South McCormack	Dedicated Acreage: 40 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty)
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

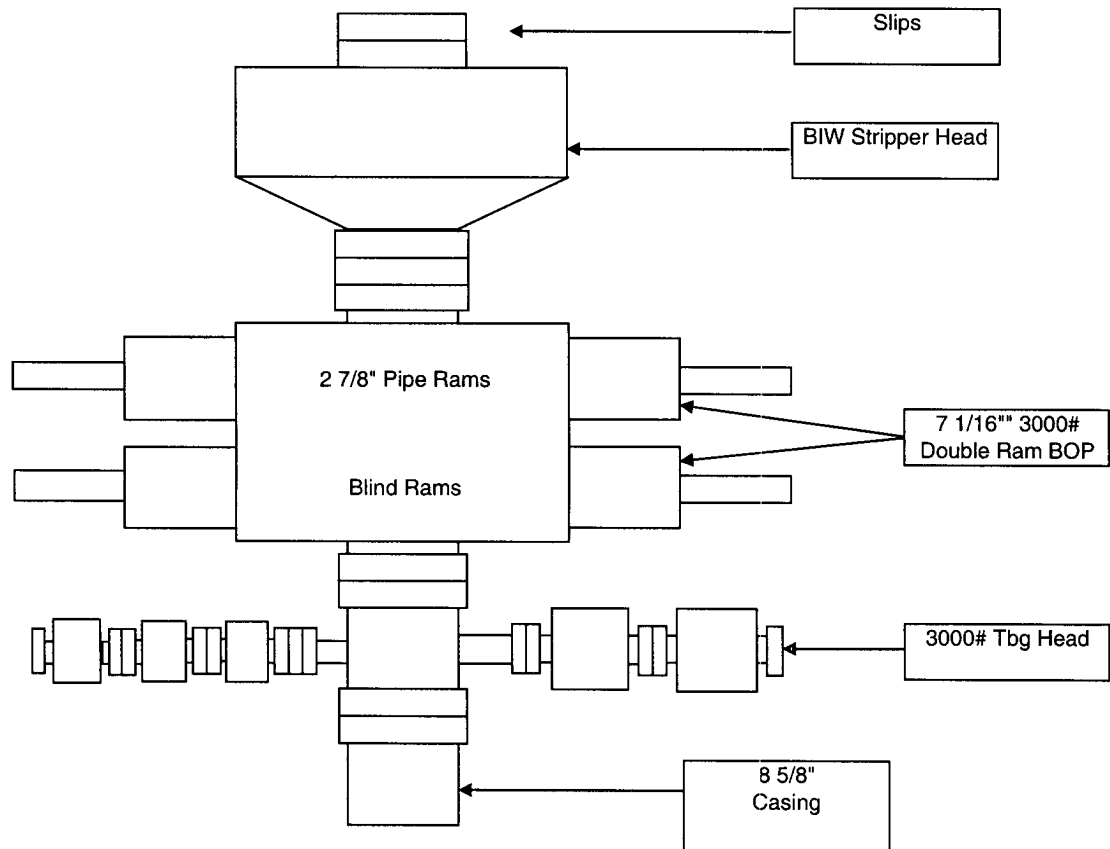
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name *Donna Holles*
 Position Agent
 Company Stoltz, Wagner & Brown
 Date February 2, 1971

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 knowledge and belief.

Date Surveyed January 26, 1971
 Registered Professional Engineer and/or Land Surveyor
Harold J. Jones
 Certificate No. **3840**

Zia Energy, Inc
Greenwood #18
BOP Diagram
3000 psi WP



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State of New Mexico
Energy Minerals and Natural Resources

Form C-144
March 12, 2004

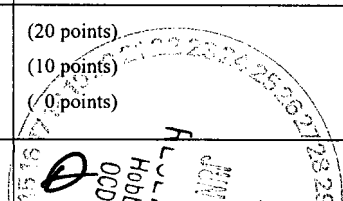
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

For drilling and production facilities, submit to
appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe
office

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes ☐ No ☒

Type of action: Registration of a pit or below-grade tank ☒ Closure of a pit or below-grade tank ☐

Operator: <u>ZIA ENERGY INC.</u> Telephone: <u>281-296-7666</u> e-mail address: <u>leeconine@aol.com</u>		
Address: <u>2203 Timberloch Place Suite 229 THE Woodlands, TX 77380</u>		
Facility or well name: <u>GREENWOOD #18</u> API #: <u>30-25-7369</u> U/L or Qtr/Qtr <u>M</u> Sec <u>9</u> T <u>22S</u> R <u>22E 37E</u>		
County: <u>LEA</u> Latitude <u>32N</u> Longitude <u>103 W</u> NAD: 1927 <input type="checkbox"/> 1983 <input checked="" type="checkbox"/> Surface Owner Federal <input type="checkbox"/> State <input checked="" type="checkbox"/> Private <input checked="" type="checkbox"/> Indian <input type="checkbox"/>		
Pit Type: Drilling <input checked="" type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/> Liner type: Synthetic <input checked="" type="checkbox"/> Thickness <u>20</u> mil Clay <input type="checkbox"/> Volume <u>1500</u> bbl	Below-grade tank Volume: _____ bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not. _____	
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	Less than 50 feet 50 feet or more, but less than 100 feet <u>100 feet or more</u>	(20 points) (10 points) (0 points)
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	Yes <u>No</u>	(20 points) (0 points)
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet 200 feet or more, but less than 1000 feet <u>1000 feet or more</u>	(20 points) (10 points) (0 points)
Ranking Score (Total Points)		

If this is a pit closure: (1) attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: onsite ☐ offsite ☐ If offsite, name of facility _____. (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☐ Yes ☐ If yes, show depth below ground surface _____ ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Date: 5-15-04

Printed Name/Title

AGENT

Signature

H. E. New Lee

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval:

Date: 7/1/04

Printed Name/Title

PETROLEUM ENGINEER

Signature

[Signature]