

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

Form C-101
May 27, 2004

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

Submit to appropriate District Office

☐ 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, Texas 77380		² OGRID Number 25616 ✓
³ Property Code 13038 ✓	⁵ Property Name H. S. Turner	⁴ API Number 30-025-37162
⁹ Proposed Pool 1 Penrose-Skelly; Grayburg		⁶ Well No. 4 ✓
¹⁰ Proposed Pool 2		

7 Surface Location

UL or lot no. L	Section 29	Township 21S	Range 37E	Lot Idn	Feet from the 2210'	North/South line South	Feet from the 430'	East/West line West	County Lea
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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
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Additional Well Information

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code P ✓	¹⁵ Ground Level Elevation 3477' ✓
¹⁶ Multiple No	¹⁷ Proposed Depth 4300'	¹⁸ Formation Penrose-Skelly; Grayburg	¹⁹ Contractor To Be Determined	²⁰ Spud Date ASAP
Depth to Groundwater >50'		Distance from nearest fresh water well >200'		Distance from nearest surface water >1000'
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 20 mils thick/Clay <input type="checkbox"/> Pit Volume: 6200 bbls ✓		Drilling Method: Fresh Water <input checked="" type="checkbox"/> Brine <input checked="" type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>		
Closed-Loop System <input type="checkbox"/>				

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#	1200'	600 Sx	Surface
7 7/8"	5 1/2"	15.5#	4300'	400 Sx	1000'

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 12 1/4" hole and set 8 5/8" csg into the Rustler Formation. Cement 8 5/8" csg to surface. Drill the 7 7/8" hole to 4300', run electric logs and run 5.5" production casing. Cement 5.5" csg w/400 sx cmt to tie into surface csg.

Mud Program: FW/ Native mud to 1200', Brine water to 4300' w/salt water gel, starch, LCM sweeps.
BOP Program: Double Ram preventers rated to 3000# WP will utilized and nipped up on 8 5/8" csg and tested daily. See Attached BOP Diagram and Pit Registration Form.

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. I further certify that the drilling pit will be constructed according to NMOC guidelines ☐ a general permit ☒, or an (attached) alternative OCD-approved plan ☐.

Printed name: Donald P. Dotson, P.E.
Title: COO
E-mail Address: ddotson@plantationpetro.com
Date: 3/22/2005

Phone: 281-296-7222

OIL CONSERVATION DIVISION

Approved by:

Chris Williams

Title:

OC DISTRICT SUPERVISOR/GENERAL MANAGER

Approval Date:

3/28/05

Expiration Date:

3/28/06

Conditions of Approval Attached ☐

State of New Mexico

DISTRICT I

1625 N. FRENCH DR., HOBBBS, NM 88240

Energy, Minerals and Natural Resources Department

Form C-102

DISTRICT II

1301 W. GRAND AVENUE, ARTESIA, NM 88210

OIL CONSERVATION DIVISION

1220 SOUTH ST. FRANCIS DR.

Santa Fe, New Mexico 87505

Revised JUNE 10, 2003
Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

DISTRICT III

1000 Rio Brazos Rd., Artec, NM 87410

DISTRICT IV

1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025- <u>37162</u>		Pool Code 50350	Pool Name PENROSE-SKELLY; GRAYBURG
Property Code 13038	Property Name TURNER		Well Number 4
OGRID No. 25616	Operator Name ZIA ENERGY, INC.		Elevation 3477'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	29	21-S	37-E		2210'	SOUTH	430'	WEST	LEA

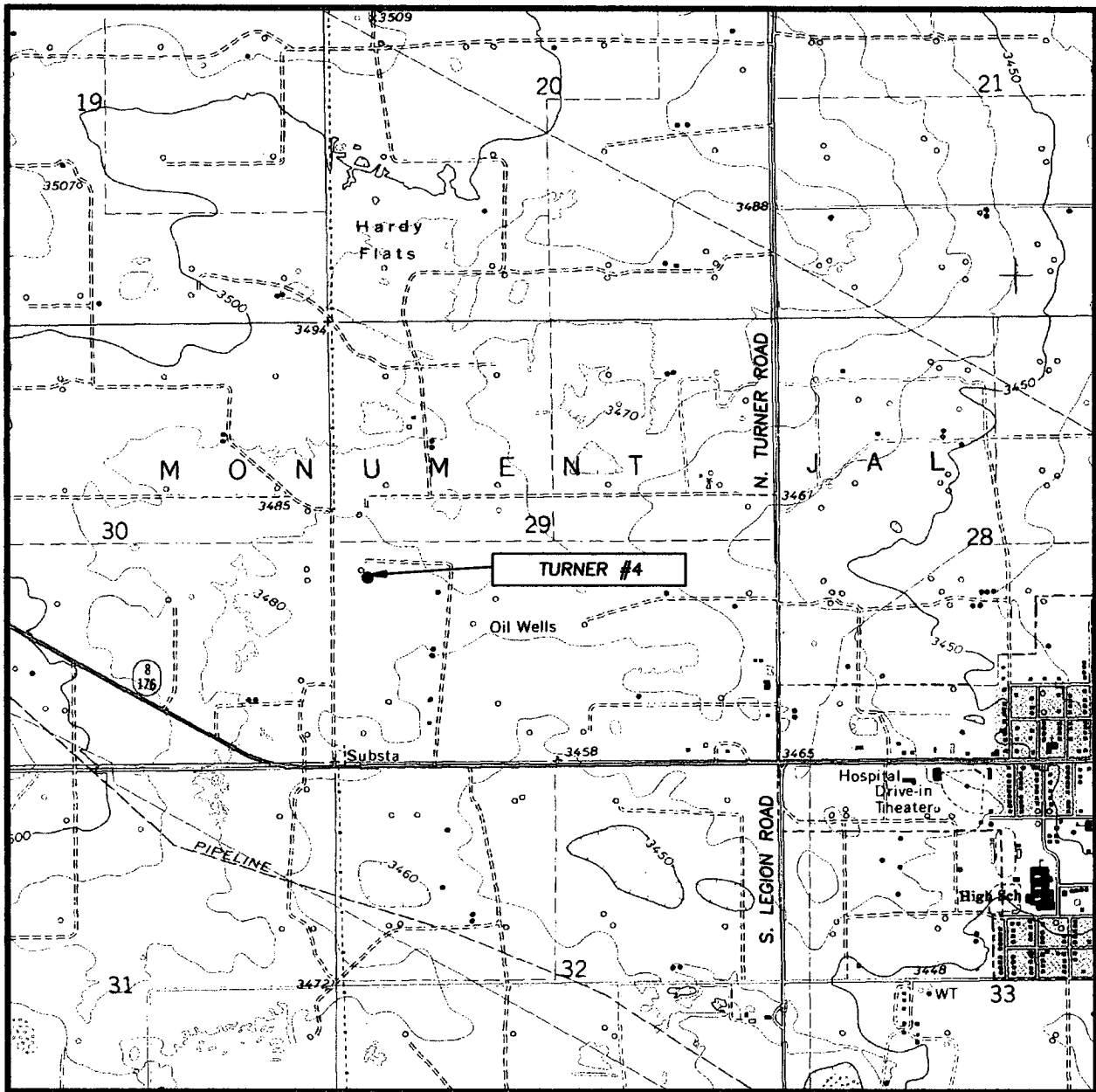
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres <u>46</u>	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

	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. Signature Donald Dotson Printed Name COO Title 3/22/2005 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. FEBRUARY 15, 2005 Date Surveyed Signature & Seal of Professional Surveyor Gary Edson 2/20/05 Certificate No. GARY EDSON 12841	
	DEL 05.11.0207	
	DEL	

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
EUNICE, N.M. - 10'

SEC. 29 TWP. 21-S RGE. 37-E

SURVEY N.M.P.M.

COUNTY LEA

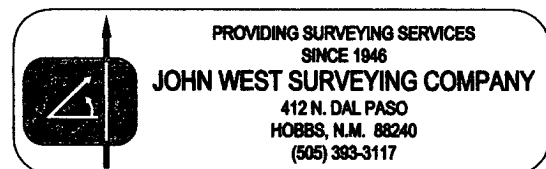
DESCRIPTION 2210' FSL & 430' FWL

ELEVATION 3477'

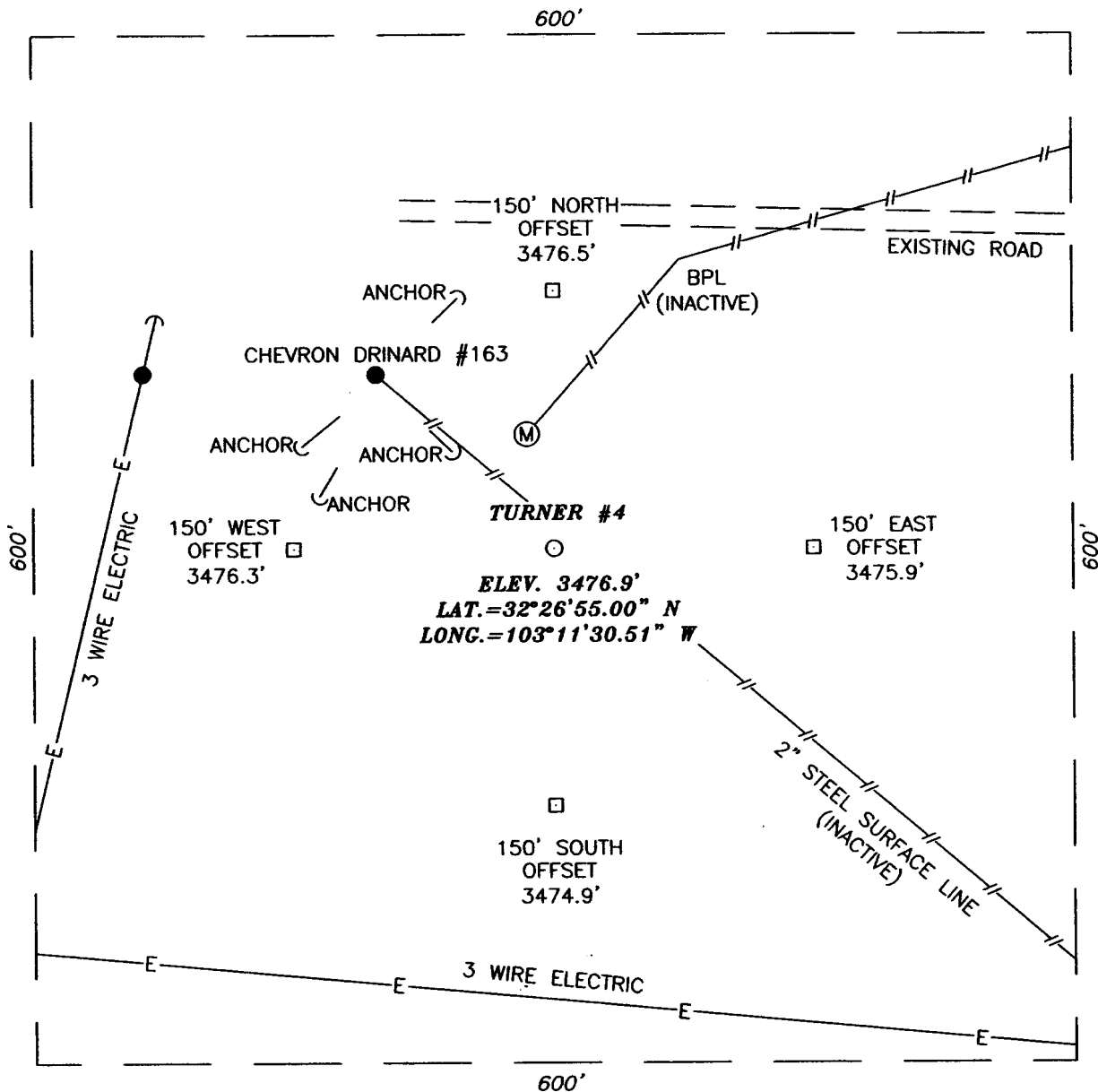
OPERATOR ZIA ENERGY, INC.

LEASE TURNER

U.S.G.S. TOPOGRAPHIC MAP
EUNICE, N.M.

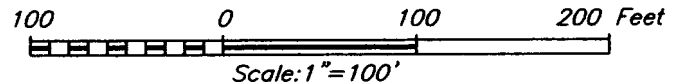


SECTION 29, TOWNSHIP 21 SOUTH, RANGE 37 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO



DIRECTIONS TO LOCATION

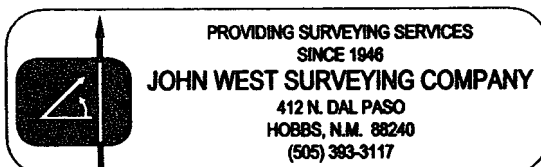
FROM THE INTERSECTION OF ST. HWY. #8 AND N. TURNER ROAD (CO. RD. #33). GO WEST ON ST. HWY. #8 APPROX. 0.8 MILES. TURN RIGHT AND GO NORTH APPROX. 0.5 MILES. TURN LEFT AND GO WEST APPROX. 0.2 MILES TO EXISTING CHEVRON WELL. GO SE APPROX. 140' SE TO THIS LOCATION.



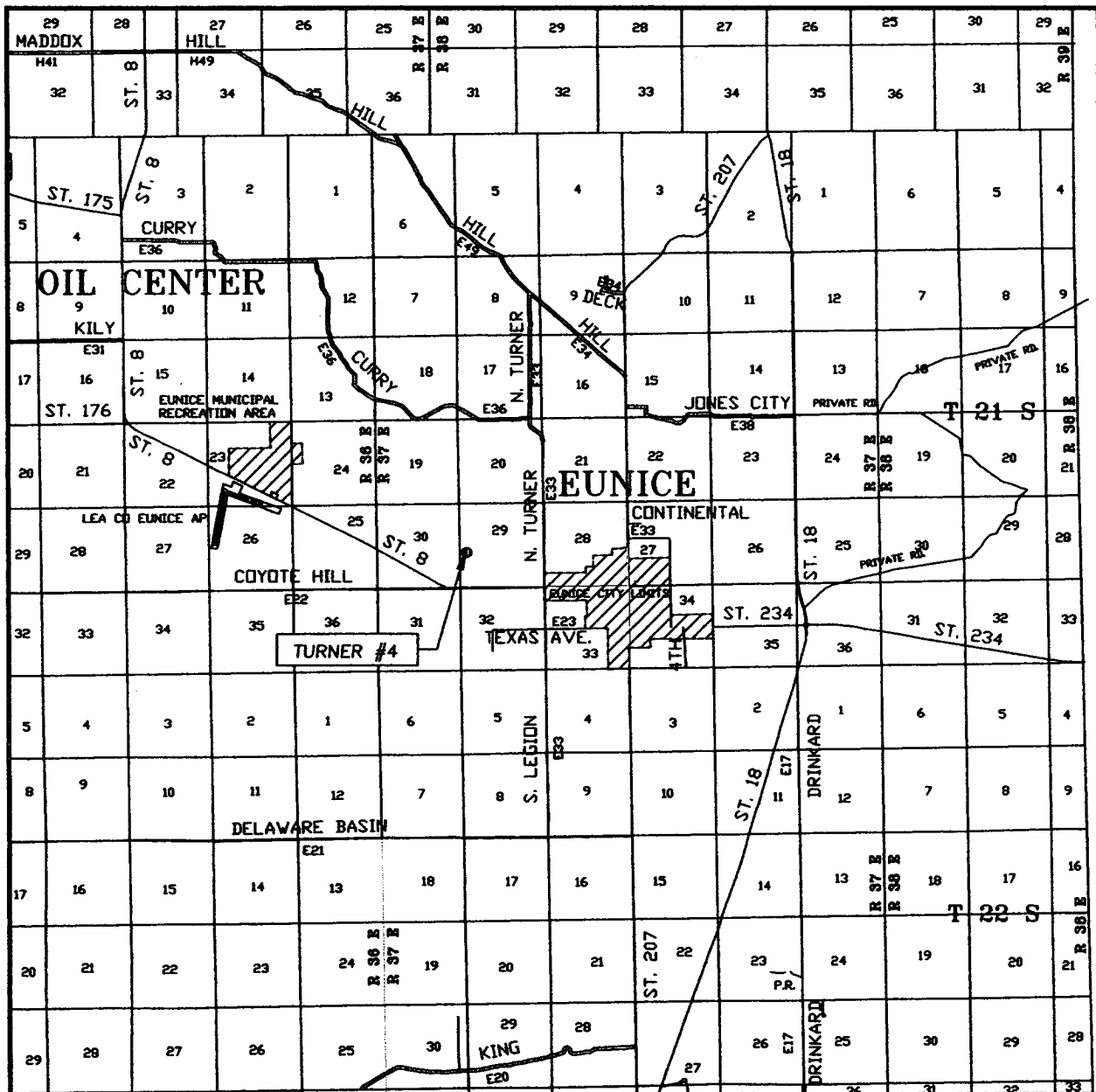
ZIA ENERGY, INC.

TURNER #4 WELL
LOCATED 2210 FEET FROM THE SOUTH LINE
AND 430 FEET FROM THE WEST LINE OF SECTION 29,
TOWNSHIP 21 SOUTH, RANGE 37 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO.

Survey Date: 02/15/05		Sheet 1 of 1 Sheets	
W.O. Number: 05.11.0207		Dr By: DEL	Rev 1:N/A
Date: 02/17/05	Disk: CD#4	05110207	Scale: 1"=100'

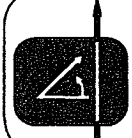


VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 29 TWP. 21-S RGE. 37-E
 SURVEY N.M.P.M.
 COUNTY LEA
 DESCRIPTION 2210' FSL & 430' FWL
 ELEVATION 3477'
 OPERATOR ZIA ENERGY, INC.
 LEASE TURNER



PROVIDING SURVEYING SERVICES
 SINCE 1946
JOHN WEST SURVEYING COMPANY
 412 N. DAL PASO
 HOBBS, N.M. 88240
 (505) 393-3117

Zia Energy, Inc
H.S. Turner #4
BOP Diagram
3000 psi WP

