

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(505) 393-6161 Fax:(505) 393-0720

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-101
Permit 28283

*Amended
Exports*

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address CHEVRON U S A INC 11111 S WILCREST HOUSTON, TX 77099 JA3645		2. OGRID Number 4323 3. API Number 30-025-37834
4. Property Code 2669	5. Property Name HARRY LEONARD NCT E	6. Well No. 008

7. Surface Location

UL - Lot <i>H</i>	Section 16	Township 21S	Range 37E	Lot Idn <i>H</i>	Feet From 2310	N/S Line N	Feet From <i>1030'</i>	E/W Line E	County LEA
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8. Pool Information

PENROSE SKELLY;GRAYBURG	50350
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Additional Well Information

9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type State <input checked="" type="checkbox"/>	13. Ground Level Elevation <i>3484'</i>
14. Multiple N	15. Proposed Depth 4350	16. Formation Grayburg	17. Contractor	18. Spud Date
Depth to Ground water 50		Distance from nearest fresh water well > 1000		Distance to nearest surface water > 1000
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 20 _____ mils thick Clay <input type="checkbox"/> Pit Volume: 4106 _____ bbls Drilling Method: Closed Loop System <input type="checkbox"/> Fresh Water <input checked="" type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

19. Proposed Casing and Cement Program

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	11	8.625	24	400	250	
Prod	7.875	5.5	15.5	4350	1000	

Casing/Cement Program: Additional Comments

SURF CSG: 250 SX CL C CMT W/2% CACL, 0.25 PPS CELLOFLAKE (J-55 ST&C) SLURRY PROP: 14.8 PPG, 1.34 FT3/SK, 6.29 GPS MIX WATER PROD CSG: LEAD IN W/600 SX (35:65) POZ (FLY ASH) CL C CMT W/6% BENTONITE, 5% SODIUM CHLORIDE, 0.25 PPS CELLOFLAKE, 0.4% FLUID LOSS ADDITIVE, TAIL IN W/400 SX (50:50) POZ (FLY ASH) CL C CMT W/5% SODIUM CHLORIDE, 2% BENTONITE, 0.25 PPS CELLOFLAKE SLURRY PROP: 12.4 PPG, 2.15 FT3/SK, 11.97 GPS MIX WATER & 14.2 PPG, 1.35 FT3/SK, 6.33 GPS MIX WATER

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	3000	3000	

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 NMOCD guidelines ☒ a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

OIL CONSERVATION DIVISION

Printed Name: Electronically filed by Denise Pinkerton		Approved By: Paul Kautz <i>[Signature]</i>	
Title: Regulatory Specialist		Title: Geologist	
Email Address: leakejd@chevron.com		Approved Date: 4/24/2006 Expiration Date: 4/24/2007	
Date: 4/24/2006	Phone: 432-687-7375	Conditions of Approval Attached	

DISTRICT I

1625 N. FRENCH DR., HOBBS, NM 88240

DISTRICT II

1301 W. GRAND AVENUE, ARTESIA, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

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

State of New Mexico

Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

✓ AMENDED REPORT

API Number 30-025-37834	Pool Code 50350	Pool Name Denise Skelley; Grayburg
Property Code 2669	Property Name HARRY LEONARD NCT E	Well Number 8
OGRID No. 4323	Operator Name CHEVRON U.S.A. INC.	Elevation 3484'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	16	21-S	37-E		2310	NORTH	1030	EAST	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 40	Joint or Infill	Consolidation Code	Order No. NSL-5067-A (SD)						

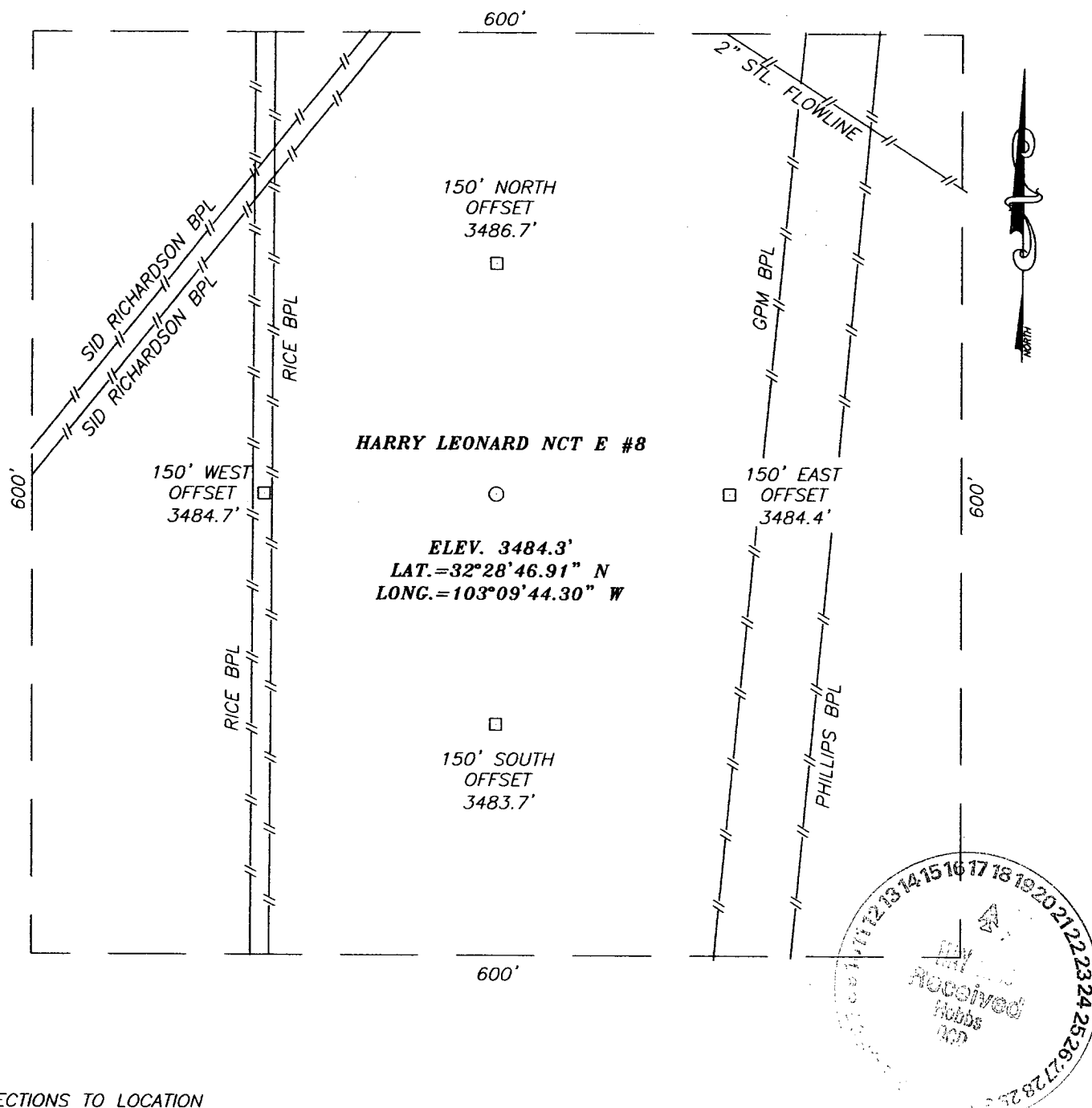
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p>GEODETTIC COORDINATES NAD 27 NME</p> <p>Y=540208.9 N X=861120.1 E</p> <p>LAT.=32°28'46.91" N LONG.=103°09'44.30" W</p>	OPERATOR CERTIFICATION I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>Denise Pinkerton</i> 5-17-06 Signature Date Printed Name
	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. MAY 8, 2006 Date Surveyed LA
	Signature & Seal of Professional Surveyor <i>Ronald E. Edson</i> 5/10/06 06.11.0801
	Certificate No. RONALD E. EDSON 3239 GARY E. EDSON 12641

SECTION 16, TOWNSHIP 21 SOUTH, RANGE 37 EAST, N.M.P.M.,

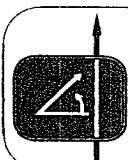
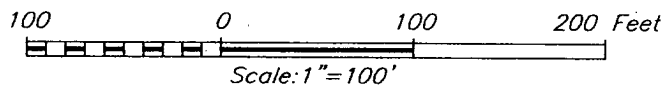
LEA COUNTY,

NEW MEXICO



DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF ST. HWY #207 AND CO. RD. E-34 (HILL RD), GO WEST ON CO. RD. E-34 APPROX. 0.1 MILES. TURN LEFT AND GO SOUTH APPROX. 0.1 MILES BY THE CHEVRON HARRY LEONARD NCT E #2. THIS LOCATION IS APPROX. 300 FEET SOUTHWEST.



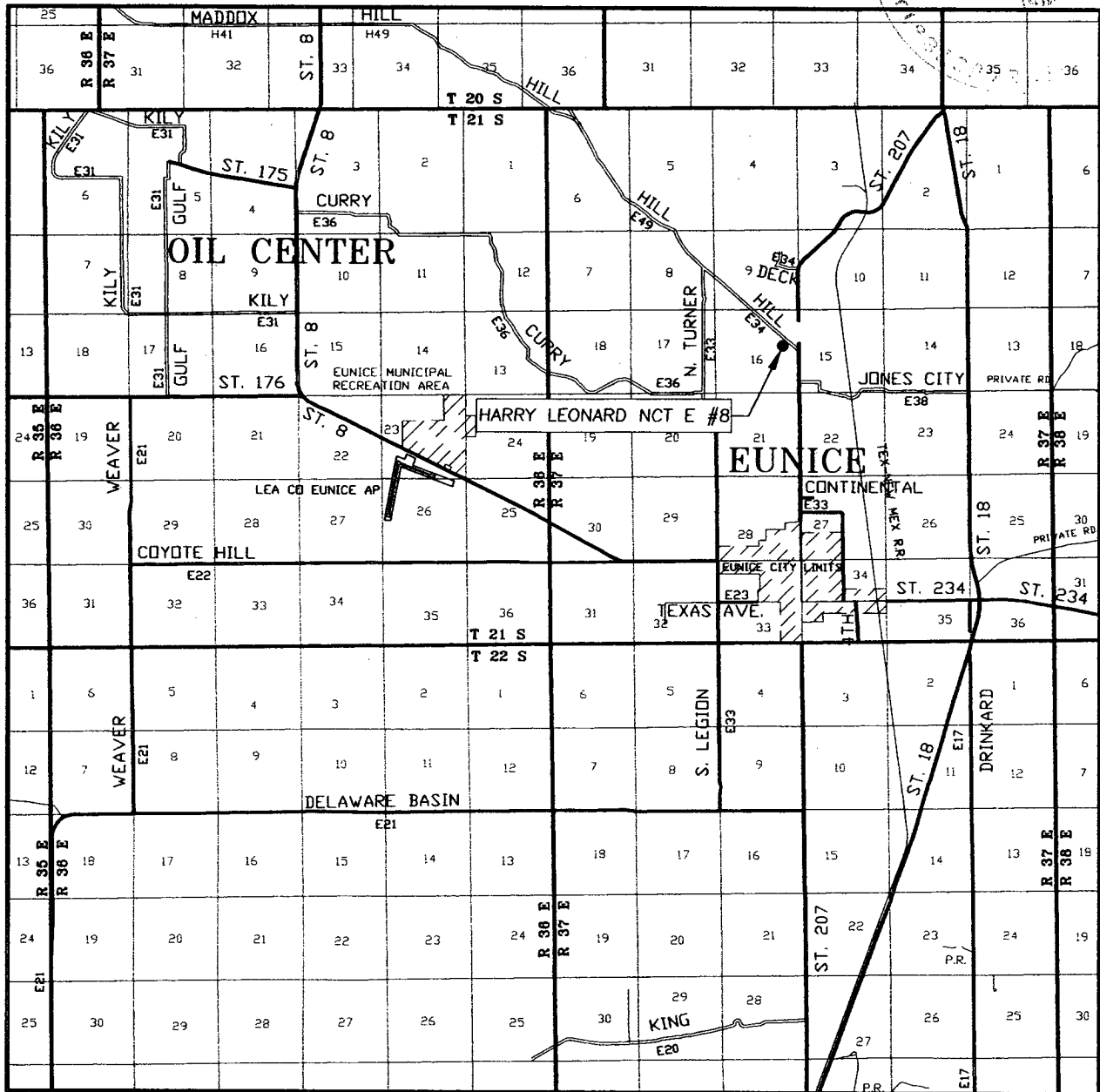
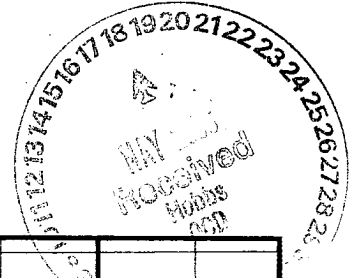
PROVIDING SURVEYING SERVICES
SINCE 1946
JOHN WEST SURVEYING COMPANY
412 N. DAL PASO
HOBBS, N.M. 88240
(505) 393-3117

CHEVRON U.S.A. INC.

HARRY LEONARD NCT E #8 WELL
LOCATED 2310 FEET FROM THE NORTH LINE
AND 1030 FEET FROM THE EAST LINE OF SECTION 16,
TOWNSHIP 21 SOUTH, RANGE 37 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO.

Survey Date: 5/8/06		Sheet 1 of 1 Sheets	
W.O. Number: 06.11.0801		Dr By: LA	Rev 1:N/A
Date: 5/9/06	Disk: CD#5	06110801	Scale: 1"=100'

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 16 TWP. 21-S RGE. 37-E

SURVEY N.M.P.M.

COUNTY LEA STATE NEW MEXICO

DESCRIPTION 2310' FNL & 1030' FEL

ELEVATION 3484'

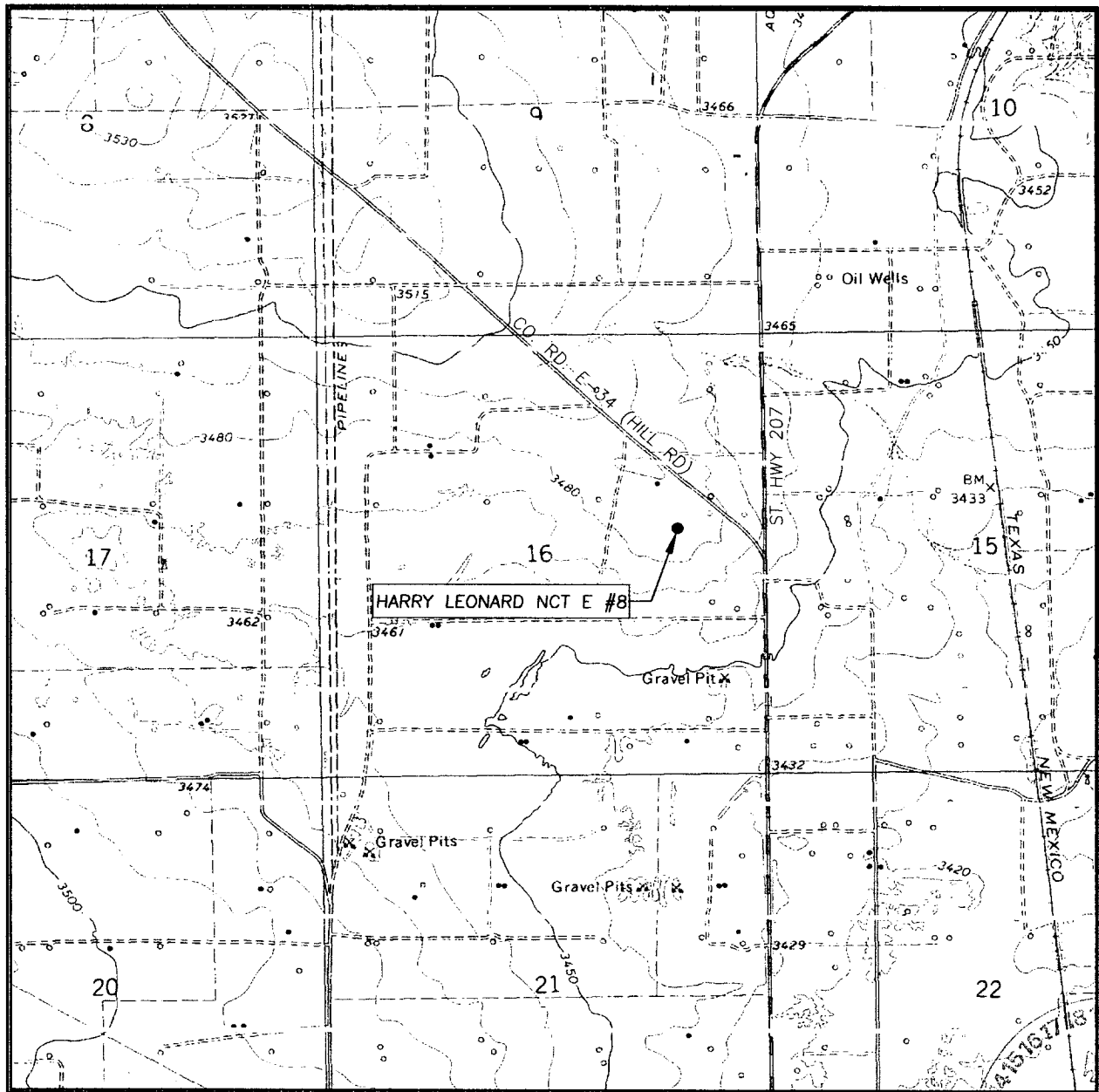
OPERATOR CHEVRON U.S.A., INC.

LEASE HARRY LEONARD



PROVIDING SURVEYING SERVICES
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LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

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

SEC. 16 TWP. 21-S RGE. 37-E

SURVEY N.M.P.M.

COUNTY LEA STATE NEW MEXICO

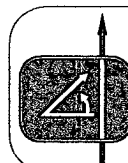
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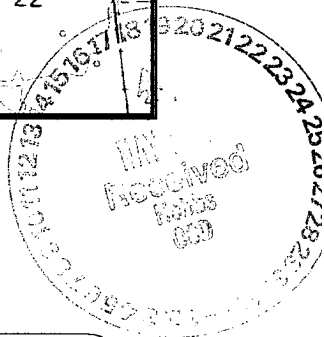
OPERATOR CHEVRON U.S.A., INC.


LEASE HARRY LEONARD NCT E

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



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



 The sender of this message has requested a read receipt. [Click here to send a receipt.](#)

Mull, Donna, EMNRD

From: Phillips, Dorothy, EMNRD
To: Mull, Donna, EMNRD
Cc:
Subject: RE: Financial Assurance Requirement
Attachments:

Sent: Thu 6/15/2006 8:52 AM

None appear on Jane's list and all have blanket bonds.

From: Mull, Donna, EMNRD
Sent: Thursday, June 15, 2006 8:46 AM
To: Phillips, Dorothy, EMNRD
Cc: Macquesten, Gail, EMNRD; Sanchez, Daniel J., EMNRD
Subject: Financial Assurance Requirement

Dorothy,

Is the Financial Assurance Requirement for these Operators OK?

Range Operating New Mexico Inc (227588)
Pride Energy Co (151323)
Chevron USA Inc (4323)
ConcoPhillips Co (217817)

I have checked the Inactive well list for each operator.

Please let me know. Thanks and have a nice day. Donna