

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 CHEVRON U.S.A. INC. 15 SMITH ROAD, MIDLAND, TX 79705		² OGRID Number 4323
³ Property Code 2682	⁴ Property Name H. T. MATTERN NCT-B	⁵ API Number 30 - 025 - 37369
⁹ Proposed Pool 1 PENROSE SKELLY GRAYBURG		¹⁰ Proposed Pool 2

7 Surface Location

UL or lot no. J	Section 30	Township 21-S	Range 37-E	Lot Idn	Feet from the 1980'	North/South line SOUTH	Feet from the 2260'	East/West line EAST	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 ROTARY	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3492'
¹⁶ Multiple NO	¹⁷ Proposed Depth 4350'	¹⁸ Formation GRAYBURG	¹⁹ Contractor	²⁰ Spud Date 8-25-05
Depth to Groundwater		Distance from nearest fresh water well		Distance from nearest surface water
Pit: Liner: Synthetic <input type="checkbox"/> _____mils thick Clay <input type="checkbox"/> Pit Volume: _____bbls Drilling Method: Closed-Loop System <input type="checkbox"/> SEE ATTACHED C-144 Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
11"	8 5/8"	24#	400'	250 SX	CIRC
7 7/8"	5 1/2"	15.5#	4350'	1000 SX	CIRC

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.

SURFACE CASING: 250 SX CLASS C CMT W/2% CACL + 0.25 PPS CELLOFLAKE J-55, ST&C
SLURRY PROPERTIES: 14.8 PPG, 1.34 FT3/SK, 6.29 GPS MIX WATER
PRODUCTION CASING: LEAD IN W/600 SX (35:65) POZ (FLY ASH) CLASS 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) CLASS C CMT W/5% SODIUM CHLORIDE + 0.25 PPS CELLOFLAKE.
SLURRY PROPERTIES: 12.4 PPG, 2.15 FT3/SK, 11.97 GPS MIX WATER &
14.2 PPG, 1.35 FT3/SK, 6.33 GPS MIX WATER
BOP PROGRAM: SEE ATTACHED DIAGRAM



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

Printed name: DENISE PINKERTON
Title: REGULATORY SPECIALIST
E-mail Address: LEAKEJD@CHEVRONTXACO.COM
Date: 7-13-2005

Phone: 432-687-7375

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

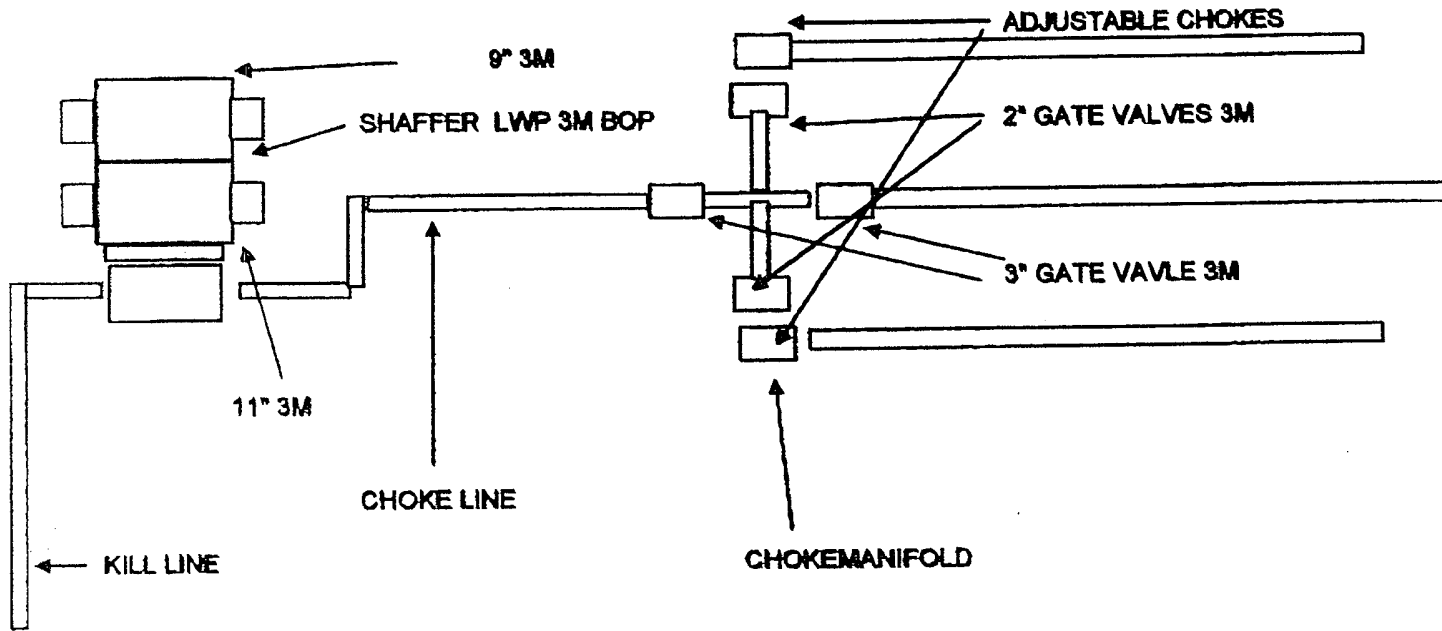
Conditions of Approval Attached ☐

ORIGINAL SIGNED BY
PAUL F. KAUTZ
PETROLEUM ENGINEER

JUL 18 2005

BOP

CRPSTAR # 22



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State of New Mexico
Energy Minerals and Natural Resources

Form C-144
June 1, 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: CHEVRON U.S.A. INC. Telephone: 432-687-7375 e-mail address: LEAKEJD@CHEVRONTXACO.COM
Address: 15 SMITH ROAD, MIDLAND, TEXAS 79705
Facility or well name: H. T. MATTERN NCT-B #26 API #: 30-025-37369 U/L or Qtr/Qtr J Sec 30 T 21-S R 37-E
County: LEA Latitude 32 26'52.71" N Longitude 103 12'01.89" W NAD: 1927
Surface Owner: PRIVATE

Pit

Type: Drilling

Lined

Liner type: Synthetic ☐ Thickness 20mil

Pit Volume 4106 bbl

Below-grade tank

Volume: _____ bbl Type of fluid: _____

Construction material: _____

Double-walled, with leak detection? Yes ☐ If not, explain why not.

Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)

50 feet or more, but less than 100 feet

(10 points)

Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)

No

(0 points)

Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)

1000 feet or more

(0 points)

Ranking Score (Total Points)

10 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: (check the onsite box if you are burying in place) 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.

Additional Comments:

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: 7-13-2005

Printed Name/Title

MARK GARZA DRILLING ENGINEER

Signature

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:

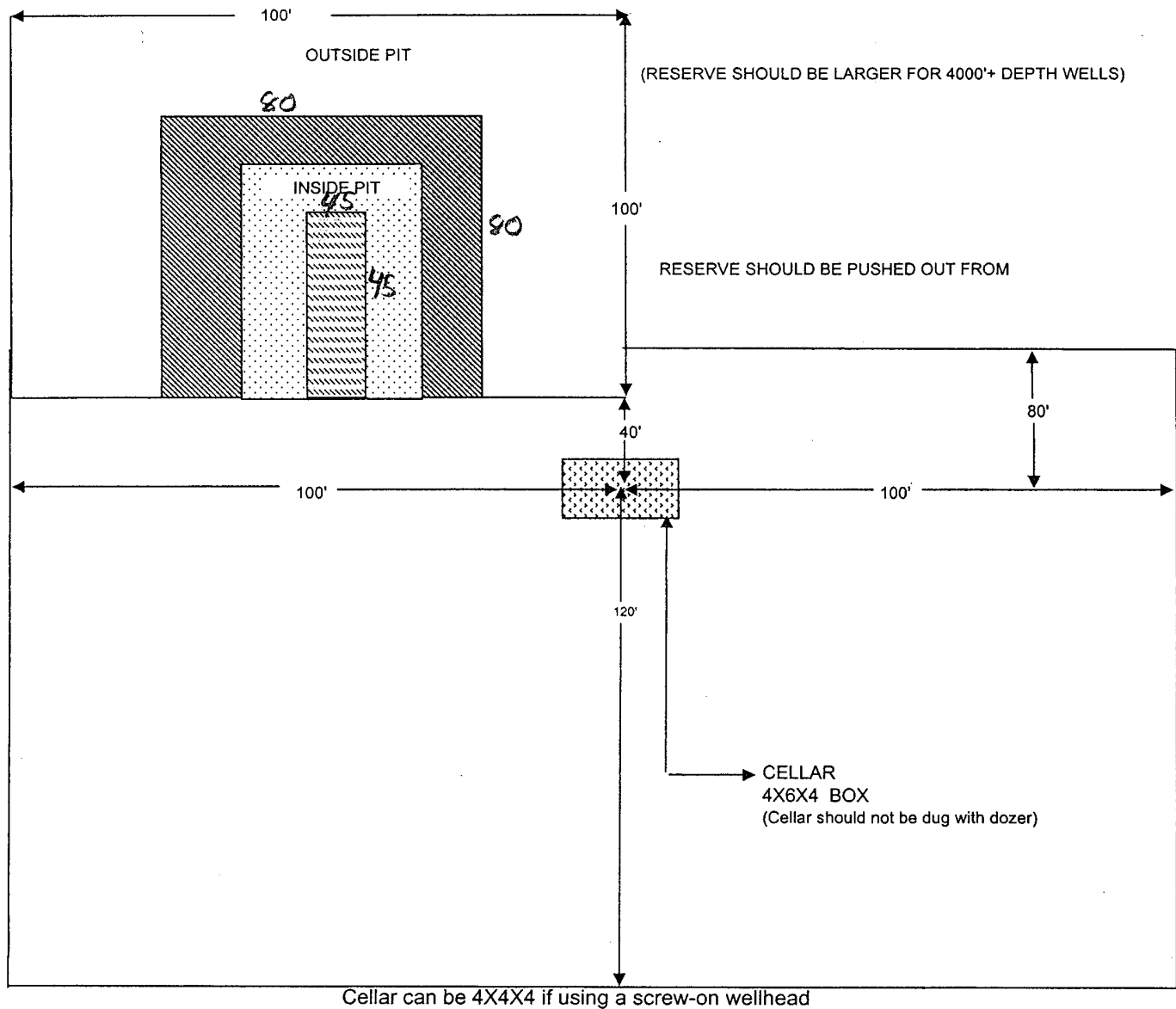
Printed Name/Title

PETROLEUM ENGINEER

Signature

Date: JUL 18 2005

Rig 22 4/5/05
CapStar Drilling, Inc.
LOCATION SPECIFICATIONS
FOR STEEL PITS



State of New Mexico

DISTRICT I

1625 N. FRENCH DR., HOBBS, NM 88240

Energy, Minerals and Natural Resources Department

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

OIL CONSERVATION DIVISION

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

Form C-102

Revised JUNE 10, 2003

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-37369	Pool Code 50350	Pool Name Penrose Skelly Grayburg
Property Code 2682	Property Name H.T. MATTERN NCT-B	Well Number 26
OGRID No. 4323	Operator Name CHEVRON U.S.A. INC.	Elevation 3492'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	30	21-S	37-E		1980	SOUTH	2260	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.
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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

LOT 1									
36.95 AC LOT 2									
36.97 AC LOT 3									
36.99 AC LOT 4									
37.01 AC									

GEODETIC COORDINATES
NAD 27 NME

Y=528540.9 N
X=849456.1 E

LAT.=32°26'52.71" N
LONG.=103°12'01.89" W

2260'

1980'

OPERATOR CERTIFICATION

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

Denise Pinkerton
Signature

Denise PINKERTON
Printed Name

Regulatory Specialist
Title

7-13-2005
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.

JULY 6, 2005

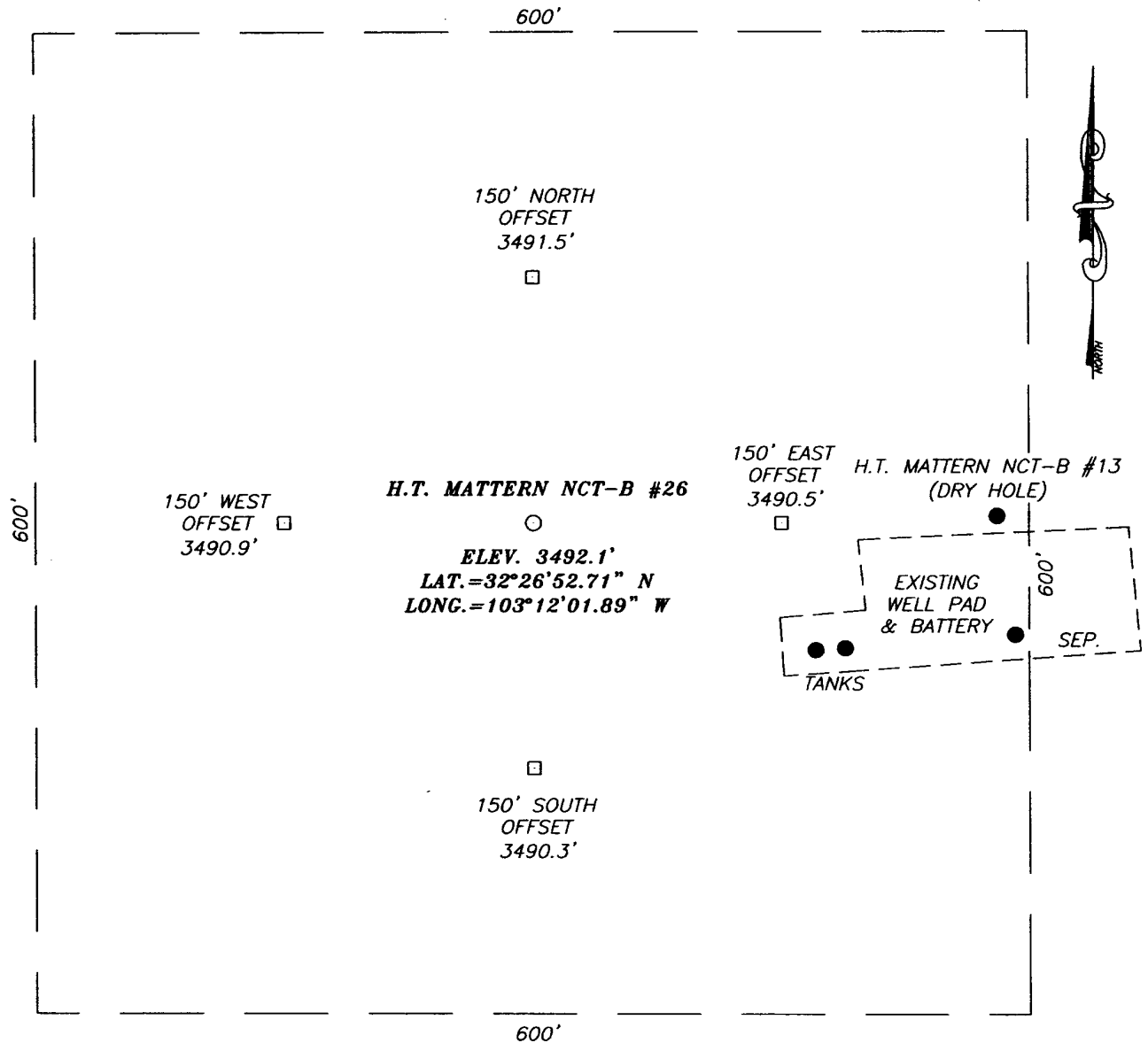
Date Surveyed

Signature of Surveyor

Professional Surveyor

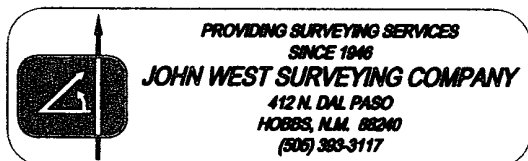
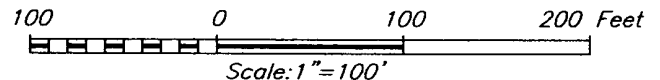
GARY E. EDSON
NEW MEXICO
05.11.1032
12641

SECTION 30, TOWNSHIP 21 SOUTH, RANGE 37 EAST, N.M.P.M.,
 LEA COUNTY, NEW MEXICO



DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF ST. HWY. #8/176
 AND COYOTE HILL RD. (E-22). GO NW ON HWY.
 #8/176 APPROX. 0.3 MILES. TURN RIGHT (NORTH)
 AND GO APPROX. 0.3 MILES. TURN LEFT (WEST)
 AND GO APPROX. 75' TO EXISTING H.T. MATTERN
 NCT-B #13 (DRY HOLE) WELL PAD. THIS
 LOCATION IS APPROX. 280' WEST.



CHEVRONTEXACO CORPORATION

H.T. MATTERN NCT-B #26 WELL
 LOCATED 1980 FEET FROM THE SOUTH LINE
 AND 2260 FEET FROM THE EAST LINE OF SECTION 30,
 TOWNSHIP 21 SOUTH, RANGE 37 EAST, N.M.P.M.,
 LEA COUNTY, NEW MEXICO.

Survey Date: 07/06/05		Sheet 1 of 1 Sheets	
W.O. Number: 05.11.1032		Dr By: DEL	Rev 1:N/A
Date: 07/07/05	Disk: CD#4	05111032	Scale: 1"=100'

HINT

