

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 30020	⁴ Property Name V. M. HENDERSON	⁵ APL Number 30 - 025-37370
⁹ Proposed Pool 1 PENROSE SKELLY GRAYBURG		¹⁰ Proposed Pool 2

7 Surface Location

UL or lot no. G	Section 30	Township 21-S	Range 37-E	Lot Idn	Feet from the 2175'	North/South line NORTH	Feet from the 1950'	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 3486'
¹⁶ Multiple NO	¹⁷ Proposed Depth 4350'	¹⁸ Formation GRAYBURG	¹⁹ Contractor	²⁰ Spud Date 8-17-05
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

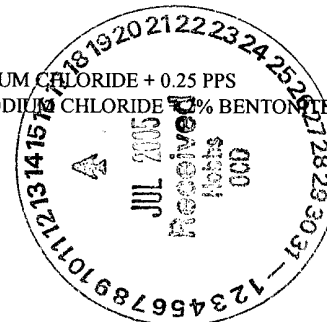
PRODUCTION CASING: LEAD IN W/600 SX (35:65) POZ (FLY ASH) CLASS C CMT W/6% BENTONITE + 5% SODIUM CHLORIDE + 0.25 PPS

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 BENTONITE + 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:

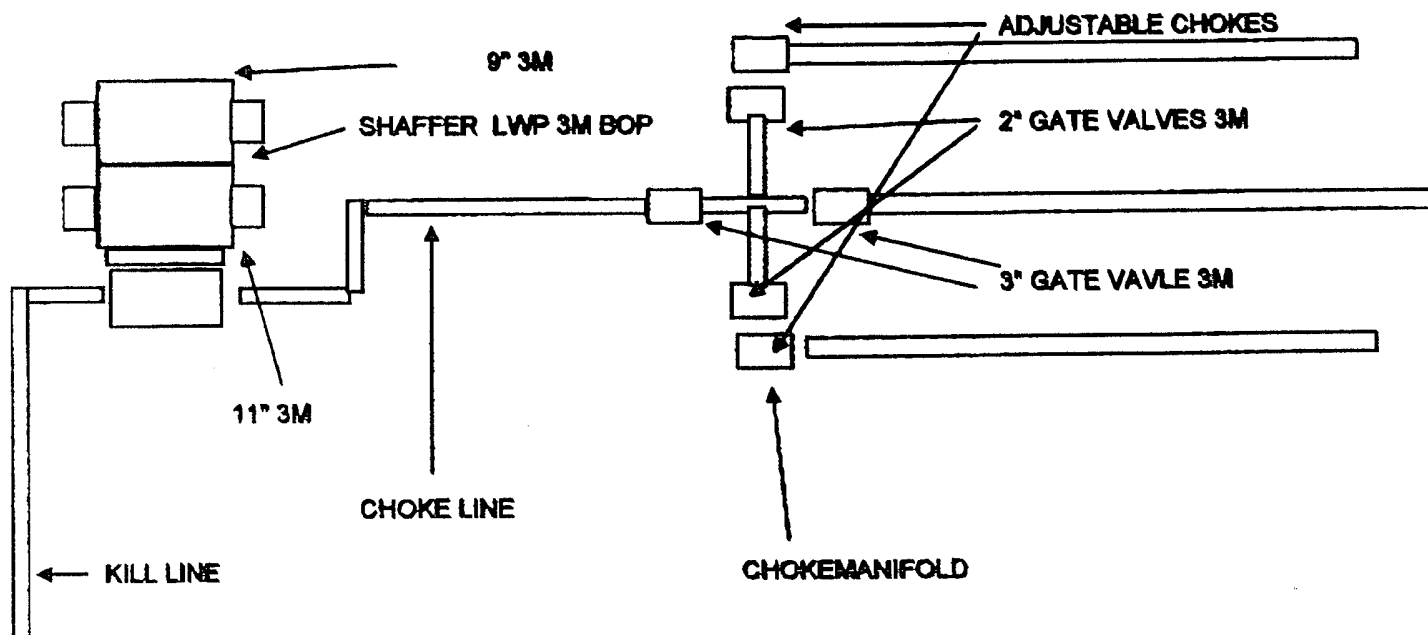
JUL 18 2005

Expiration Date:

Conditions of Approval Attached ☐

BOP

CAPSTAR # 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 NMOC 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@CHEVRONTEXACO.COM
Address: 15 SMITH ROAD, MIDLAND, TEXAS 79705
Facility or well name: V. M. HENDERSON #21 API #: 30-025.37370 U/L or Qtr/Qtr G Sec 30 T 21-S R 37-E
County: LEA Latitude 32 27'03.86" N Longitude 103 11'58.28" W NAD: 1927
Surface Owner: PRIVATE

Pit	Below-grade tank	
Type: Drilling	Volume: _____ bbl Type of fluid: _____	
Lined	Construction material: _____	
Liner type: Synthetic <input type="checkbox"/> Thickness 20mil	Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not. _____	
Pit Volume 4106 bbl		
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 NMOC guidelines ☒ a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Date: 7-13-2005

Printed Name/Title

MARK GARZA DRILLING ENGINEER

Signature

Mark Garza / GEP

Your certification and NMOC 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:

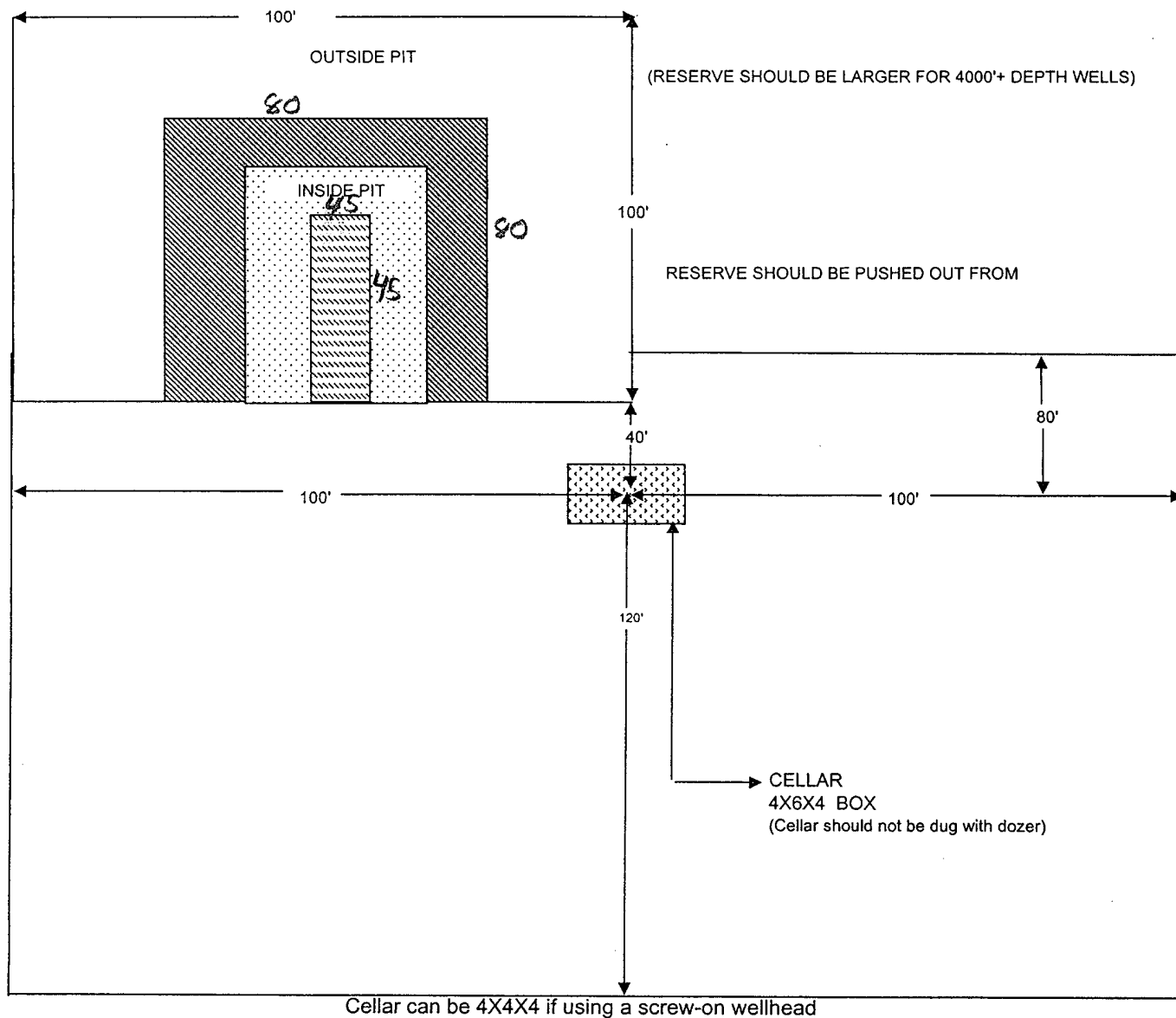
Printed Name/Title

Signature

PETROLEUM ENGINEER

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 87506

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 30-025-37370	Pool Code 50350	Pool Name Penrose Skelly Grayburg
Property Code 30020	Property Name V.M. HENDERSON	Well Number 21
OGRIID No. 4323	Operator Name CHEVRON U.S.A. INC.	Elevation 3486'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	30	21-S	37-E		2175	NORTH	1950	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	Joint or Infill	Consolidation Code	Order No.
40			

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					

2175'

1950'

GEODETIC COORDINATES
NAD 27 NME

Y=529671.0 N
X=849753.2 E

LAT.=32°27'03.86" N
LONG.=103°11'58.28" W

OPERATOR CERTIFICATION

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

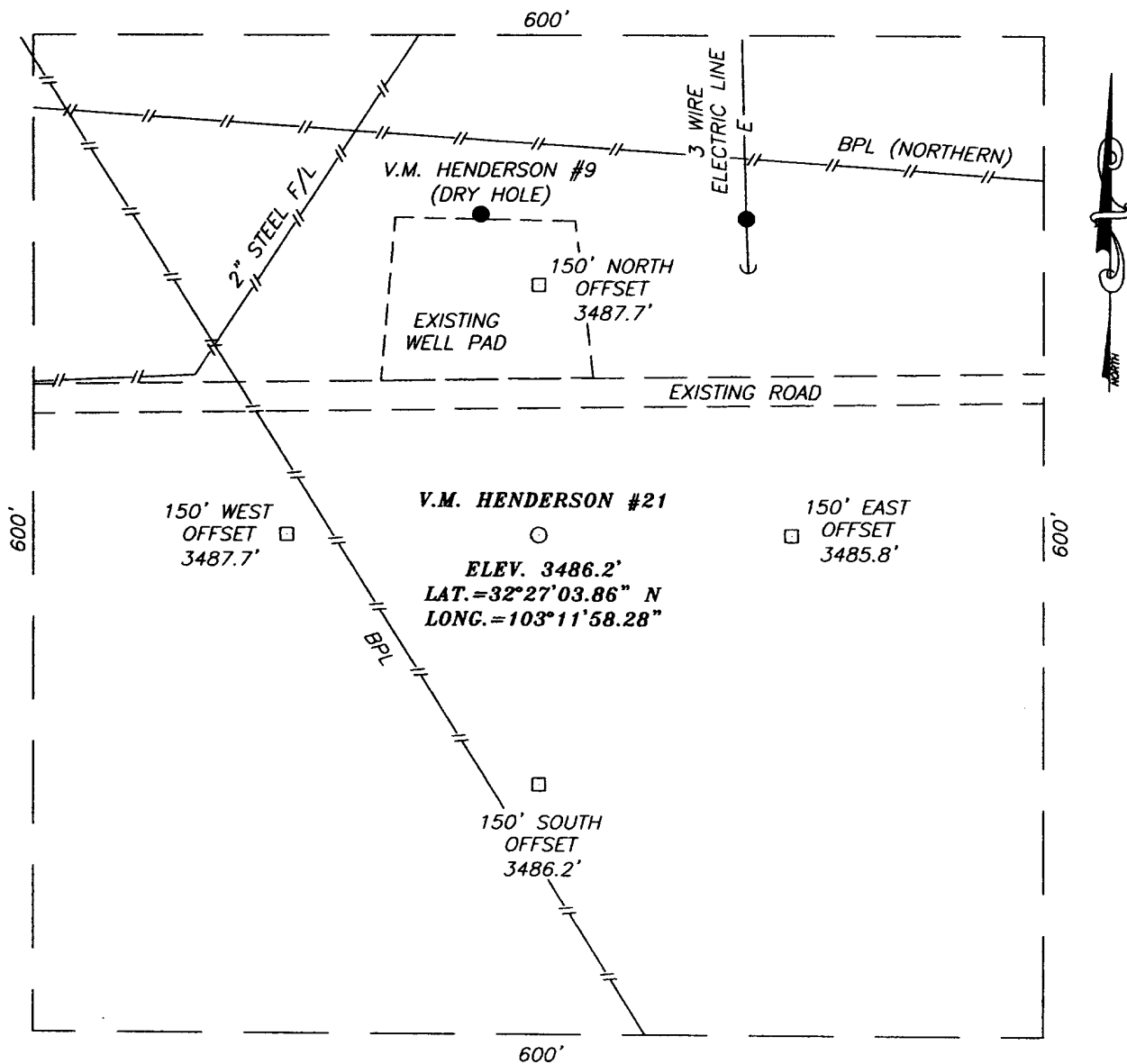
Denise Pinkerton
Signature
DENISE PINKERTON
Printed Name
Regulatory Specialist
Title
7-13-2005
Date

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.

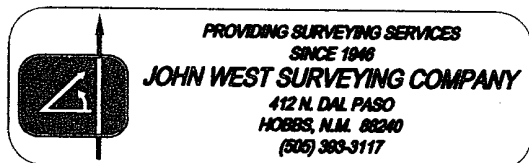
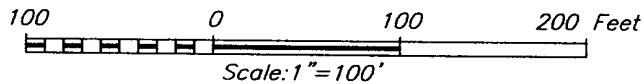
JULY 6, 2005
Date Surveyed
DEL
Signature of Seal of Professional Surveyor
GARY EIDSON
Professional Surveyor
NEW MEXICO
05.11.1033
Certificate No. **GARY EIDSON** 12641

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



DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF HWY. #8/176 AND COYOTE HILL RD. (E-22). GO EAST ON HWY. #8/176 APPROX. 0.1 MILES. TURN LEFT (NORTH) AND GO APPROX. 0.6 MILES. TURN LEFT (NW) AND GO APPROX. 0.1 MILES TO A FORK IN THE ROAD. TURN LEFT (WEST) AND GO APPROX. 0.3 MILES. THIS LOCATION IS APPROX. 60' SOUTH OF ROAD.

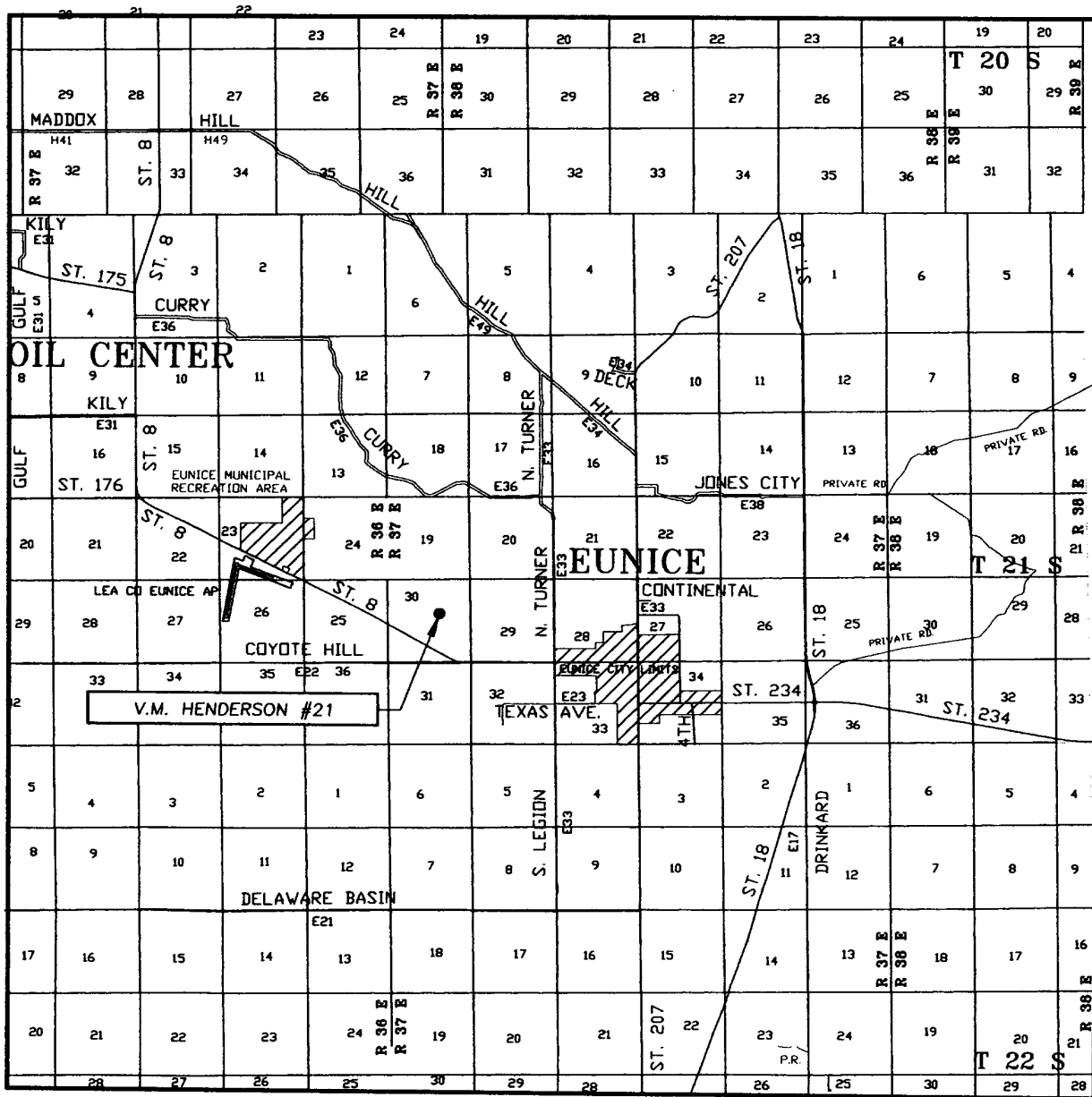


CHEVRONTExACO CORPORATION

V.M. HENDERSON #21 WELL
 LOCATED 2175 FEET FROM THE NORTH LINE
 AND 1950 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: 05.11.1033	Dr By: DEL
Date: 07/07/05	Disk: CD#4
05111033	Scale: 1"=100'

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 30 TWP. 21-S RGE. 37-E

SURVEY N.M.P.M.

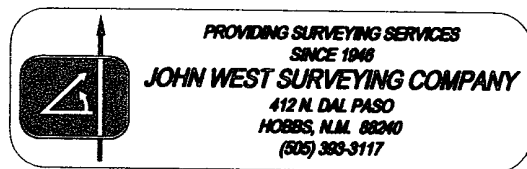
COUNTY LEA

DESCRIPTION 2175' FNL & 1950' FEL

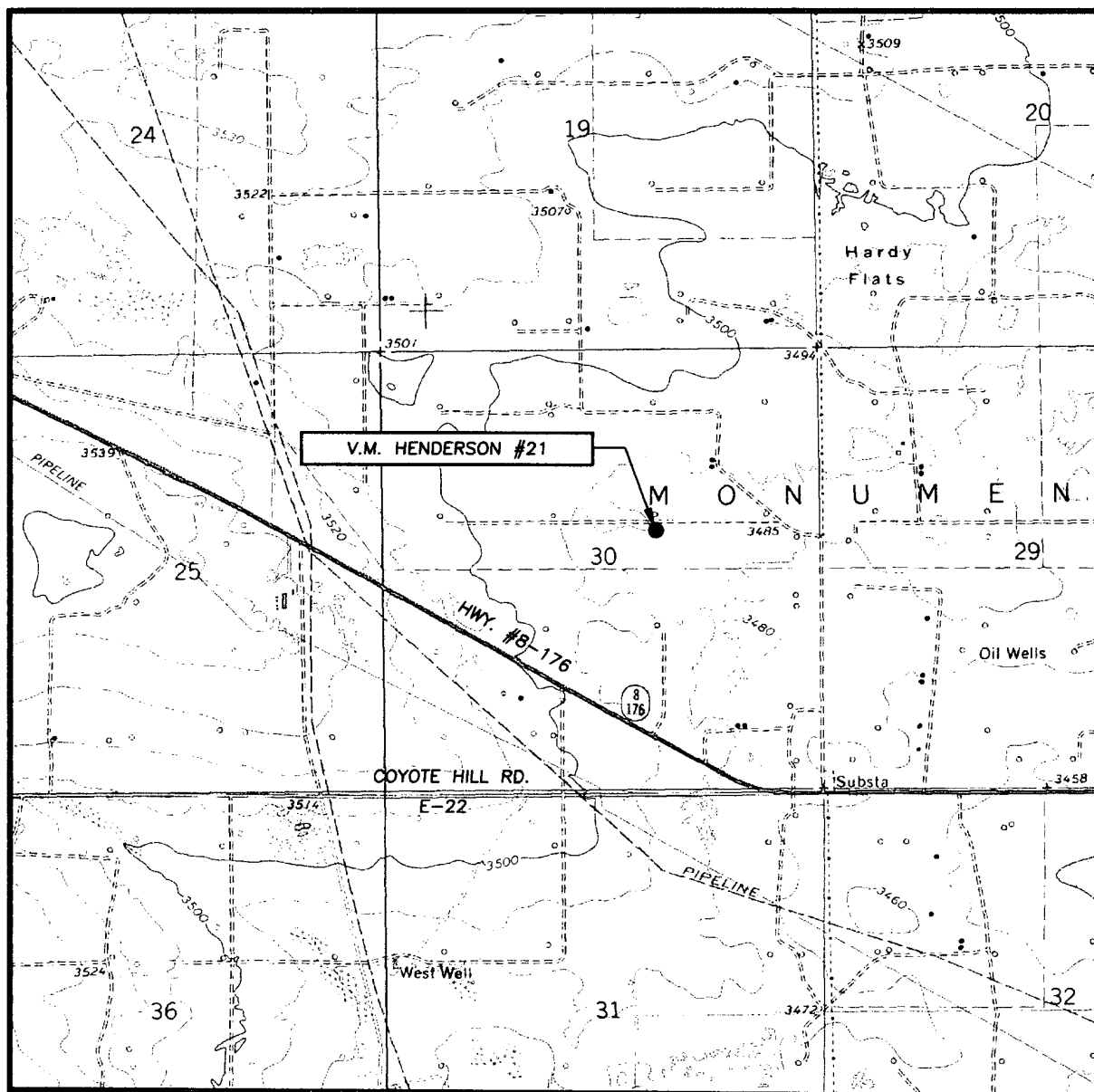
ELEVATION 3486'

OPERATOR CHEVRONTEXACO CORPORATION

LEASE V.M. HENDERSON



LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

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

SEC. 30 TWP. 21-S RGE. 37-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 2175' FNL & 1950' FEL

ELEVATION 3486'

OPERATOR CHEVRONTExACO CORPORATION

LEASE V.M. HENDERSON

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

