

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980
DISTRICT II
P.O. Box Drawer DD, Artesia, NM 88211-0719
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410
DISTRICT IV
P.O. Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-101
Revised February 10, 1999
Instructions on back
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 CHEVRON USA INC 15 SMITH ROAD, MIDLAND, TX 79705		² OGRID Number 4323
		³ API Number 30-025-36753
⁴ Property Code 22114	⁵ Property Name H. T. ORCUTT NCT "E"	⁶ Well No. 4

⁷ Surface Location									
UI or lot no.	Section	Township	Range	Lot.Idn	Feet From The	North/South Line	Feet From The	East/West Line	County
D	2	20-S	37-E	4	330'	NORTH	430'	WEST	LEA

⁸ Proposed Bottom Hole Location If Different From Surface									
UI 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 WEIR BLINEBRY					¹⁰ Proposed Pool 2 SKAGGS; GLORIETA, NW				

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Rotary or C.T. ROTARY	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3602'
¹⁶ Multiple No	¹⁷ Proposed Depth 6200'	¹⁸ Formation BLINEBRY	¹⁹ Contractor	²⁰ Spud Date 7/15/2004

²¹ Proposed Casing and Cement Program

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
11"	8 5/8"	24#	1450'	650 SX	CIRCULATED
7 7/8"	5 1/2"	15.5#	6000'	1420 SX	CIRCULATED

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: 650 SX CLASS 'C' WITH 2% CACL₂, YIELD 1.34, CEMENT WEIGHT 1.34
PRODUCTION CASING: LEAD IN WITH 550 SX CLASS 'H' 35/65 POZ WITH 6% GEL, 5% SALT, & 1/4# CELL, YIELD 2.18, CEMENT WEIGHT 12.4
TAIL IN WITH 870 SX CLASS 'H' 50/50 POZ WITH 2% GEL, 5% SALT, & 1/4# CELL, YIELD 1.35, CEMENT WEIGHT 14.2
MUD PROGRAM: 0-1450' FRESH WATER, 8.4 WEIGHT, CIRC PITS OR RESERVE, VISC 28
440-6000' BRINE/STARCH, 10 WEIGHT, CIRC RESERVES, LIME PH 9, VISC. 29
GEL IF NEEDED
BOP PROGRAM: 11" ANNULAR 2M PRESSURE RATING
7 7/8" EXHIBIT C 3M PRESSURE RATING

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

²³ I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Denise Leake*
Printed Name: Denise Leake

Title: Regulatory Specialist

Date: 6/30/2004

Telephone: 915-687-7375

OIL CONSERVATION DIVISION

Approved By: *Paul J. Smith*
Title: PETROLEUM ENGINEER

Approval Date: JUL 09 2004

Expiration Date:

Conditions of Approval:
Attached ☐

State of New Mexico

DISTRICT I

P.O. Box 1980, Hobbs, NM 88241-1980

Energy, Minerals and Natural Resources Department

Form C-102

Revised February 10, 1994

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Fee Lease - 3 Copies

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OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

P.O. BOX 2088, SANTA FE, N.M. 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-36753	Pool Code 63780	Pool Name Weir BLINDBRY
Property Code 22114	Property Name H.T. ORCUTT NCT "E"	Well Number 4
OGRID No. 4323	Operator Name CHEVRON, INC.	Elevation 3602'

Surface Location

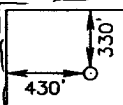
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
4	2	20-S	37-E		330'	NORTH	430'	WEST	LEA

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 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

	<p>LOT 4</p> <p>LOT 3</p> <p>LOT 2</p> <p>LOT 1</p> <p>GEODETIC COORDINATE NAD 27 NME</p> <p>Y=586837.2 N X=840093.3 E</p> <p>LAT.=32°36'30.47" N LONG.=103°13'44.08" W</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p>Signature <i>Denise Pinkerton</i></p> <p>Printed Name Denise Pinkerton</p> <p>Title Regulatory Specialist</p> <p>Date 6-30-04</p> <p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>MAY 21, 2004</p> <p>Date Surveyed LA</p> <p>Signature & Seal of Professional Surveyor <i>Gary E. Hudson</i></p> <p>04.11.0594</p> <p>Certificate No. GARY HUDSON 12841</p>
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P.O. Box 1980, Hobbs, NM 88241-1980

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102

Revised February 10, 1994

Submit to Appropriate District Office

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Santa Fe, New Mexico 87504-2088

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1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

P.O. BOX 2088, SANTA FE, N.M. 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-36753	Pool Code 97203	Pool Name SKAGGS, GLORIETA, NW
Property Code 22114	Property Name H.T. ORCUTT NCT "E"	Well Number 4
OGRID No. 4323	Operator Name CHEVRON, INC.	Elevation 3602'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
4	2	20-S	37-E		330'	NORTH	430'	WEST	LEA

Bottom Hole Location If Different From Surface

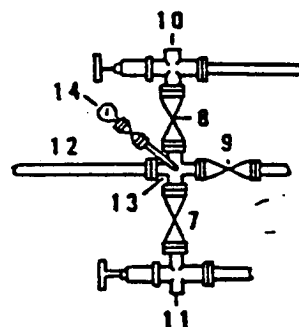
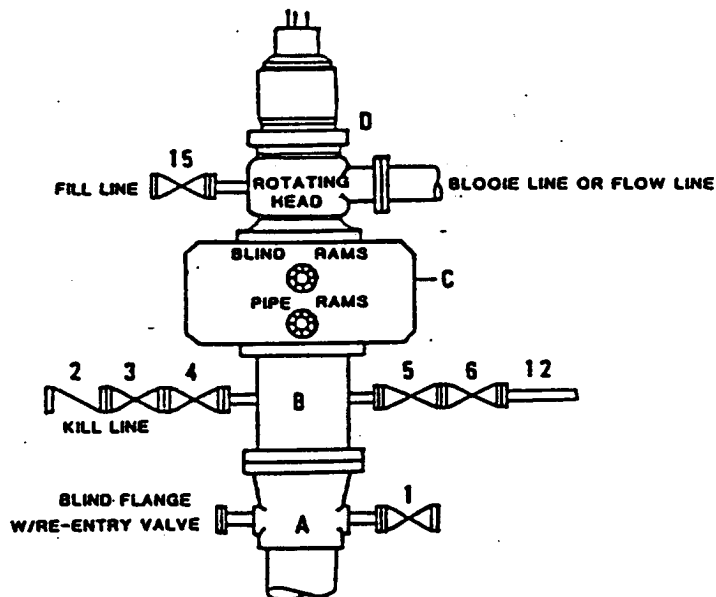
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40		Joint or Infill	Consolidation Code	Order No.					

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

	<p>LOT 4</p> <p>LOT 3</p> <p>LOT 2</p> <p>LOT 1</p> <p>GEODETIC COORDINATE NAD 27 NME</p> <p>Y=586837.2 N X=840093.3 E</p> <p>LAT.=32°36'30.47" N LONG.=103°13'44.08" W</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Denise Pinkerton</i> Signature Denise Pinkerton Printed Name Regulatory Specialist Title 7-6-04 Date</p> <p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>MAY 21, 2004 Date Surveyed</p> <p><i>Gary Edson</i> Signature & Seal of Professional Surveyor 04.11.0594 Certificate No. GARY EDSON 12641</p>
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**DRILLING CONTROL
CONDITION II-B 3000 WP
FOR AIR DRILLING OR
WHERE NITROGEN OR AIR BLOWS ARE EXPECTED**

H₂S TRIM REQUIRED
YES _____ NO X



DRILLING CONTROL

MATERIAL LIST - CONDITION II - B

- | | |
|------------|---|
| A | Texaco Wellhead |
| B | 3000# W.P. drilling spool with a 2" minimum flanged outlet for kill line and 3" minimum flanged outlet for choke line. |
| C | 3000# W.P. Dual ram type preventer, hydraulic operated with 1" steel, 3000# W.P. control lines (where sub-structure height is adequate, 2 - 3000# W.P. single ram type preventers may be utilized). |
| D | Rotating Head with fill up outlet and extended Bleed Line. |
| 1,3,4,7,8, | 2" minimum 3000# W.P. flanged full opening steel gate valve, or Halliburton Lo Torc Plug valve. |
| 2 | 2" minimum 3000# W.P. back pressure valve. |
| 5,6,9 | 3" minimum 3000# W.P. flanged full opening steel gate valve, or Halliburton Lo Torc Plug valve. |
| 12 | 3" minimum schedule 80, Grade "B", seamless line pipe. |
| 13 | 2" minimum x 3" minimum 3000# W.P. flanged cross. |
| 10,11 | 2" minimum 3000# W.P. adjustable choke bodies. |
| 14 | Cameron Mud Gauge or equivalent (location optional in choke line). |
| 15 | 2" minimum 3000# W.P. flanged or threaded full opening steel gate valve, or Halliburton Lo Torc Plug valve. |



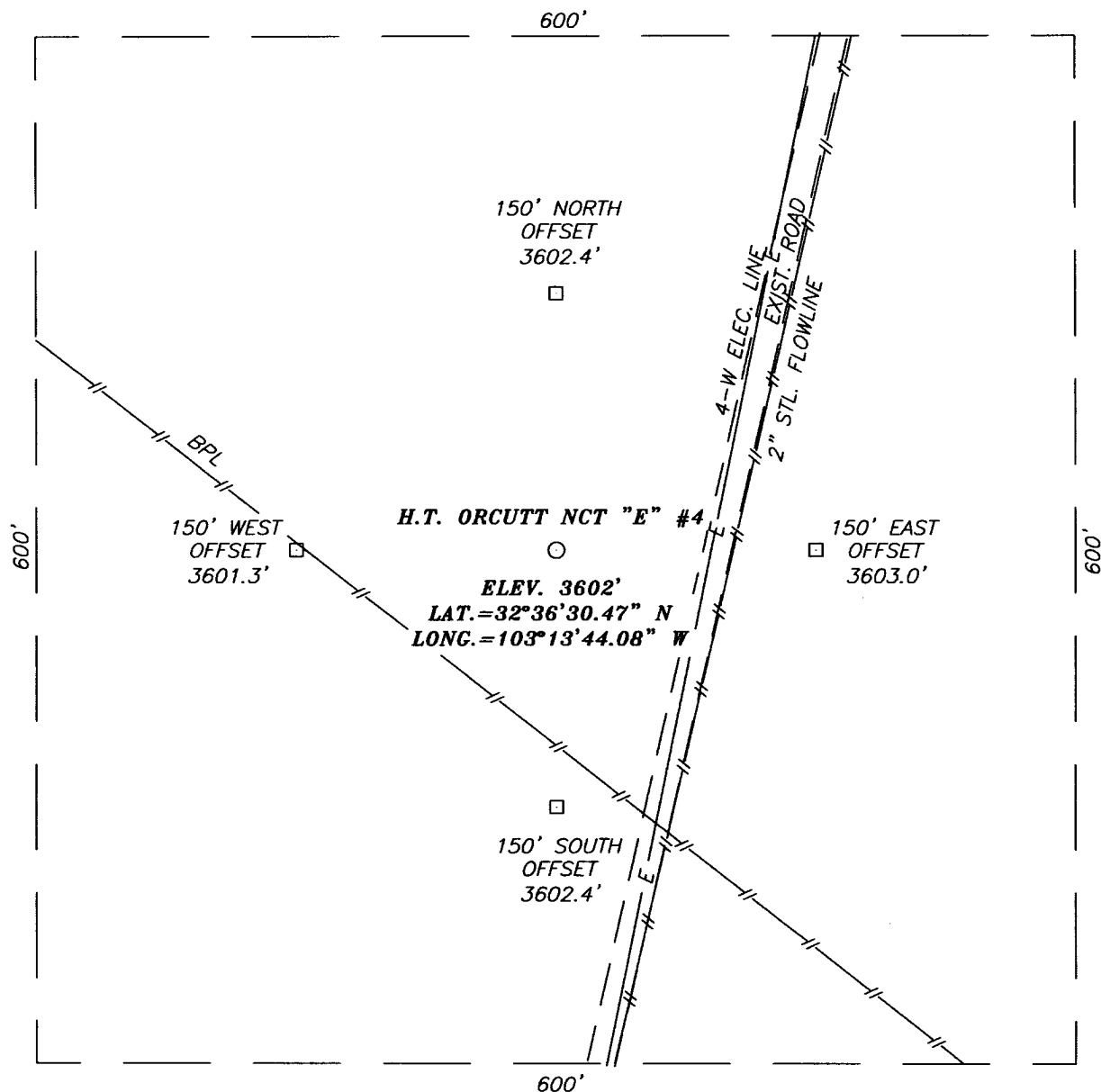
TEXACO, INC.
MIDLAND DIVISION
MIDLAND, TEXAS



SCALE	DATE	EST. NO.	DRG. NO.
DRAWN BY			
CHECKED BY			
APPROVED BY			

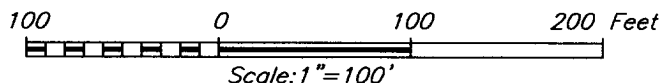
EXHIBIT C

SECTION 2, TOWNSHIP 20 SOUTH, RANGE 37 EAST, N.M.P.M.,
 LEA COUNTY, NEW MEXICO



DIRECTIONS TO LOCATION

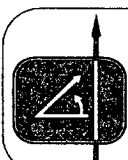
FROM THE INTERSECTION OF STATE HWY. #18 AND LEA CO. RD. #45 (BILLY WALKER) GO WEST ON CO. RD. #45 FOR 6.0 MILES TO A GOOD CALICHE ROAD ON RIGHT. TURN RIGHT AND GO NORTH-NORTHWEST AND GO 0.75 MILES. THIS LOCATION IS 100' WEST.



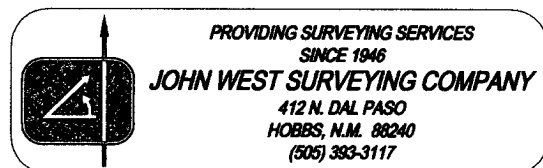
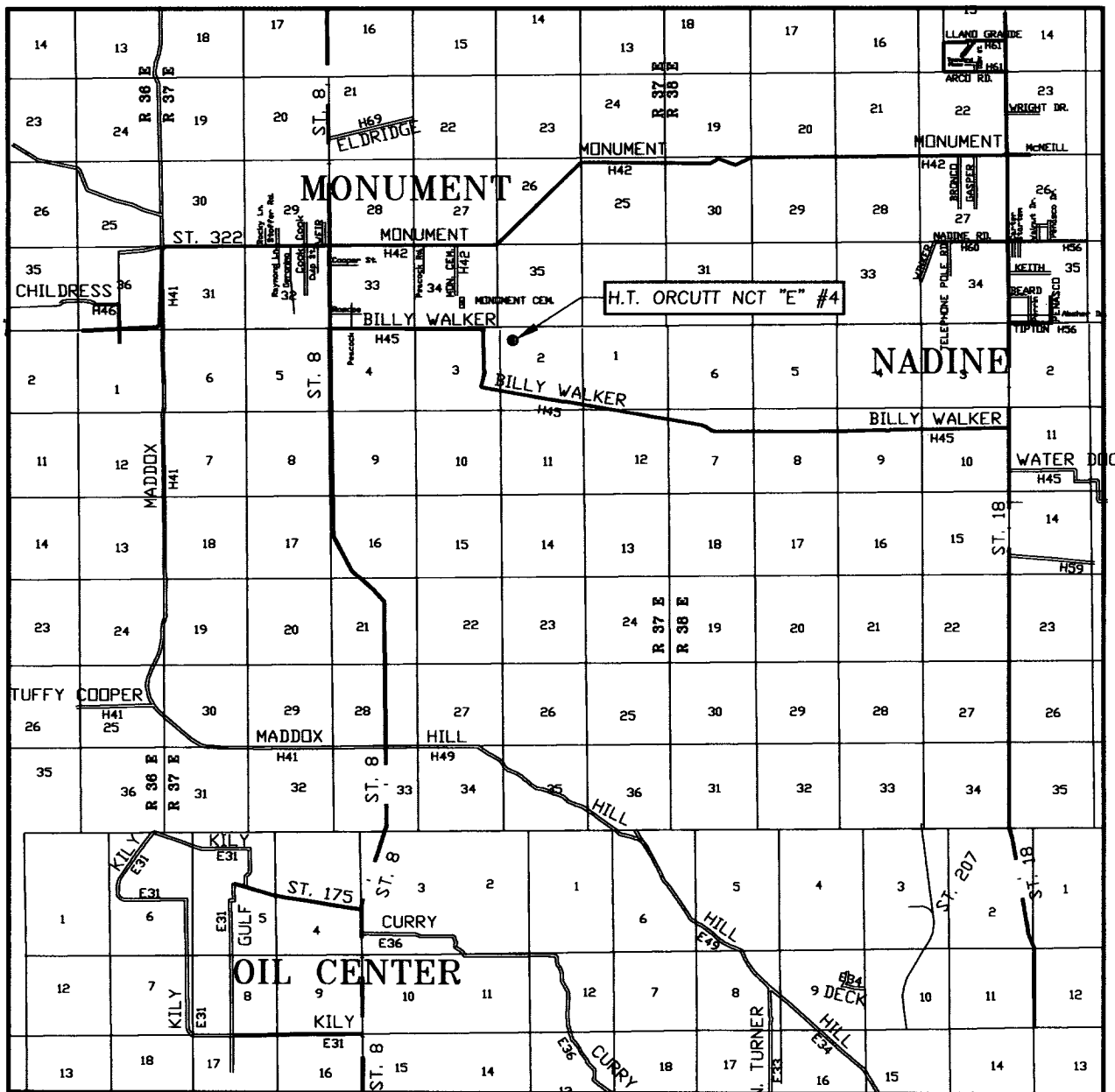
CHEVRON, INC.

H.T. ORCUTT NCT "E" #4 WELL
 LOCATED 330 FEET FROM THE NORTH LINE
 AND 430 FEET FROM THE WEST LINE OF SECTION 2,
 TOWNSHIP 20 SOUTH, RANGE 37 EAST, N.M.P.M.,
 LEA COUNTY, NEW MEXICO.

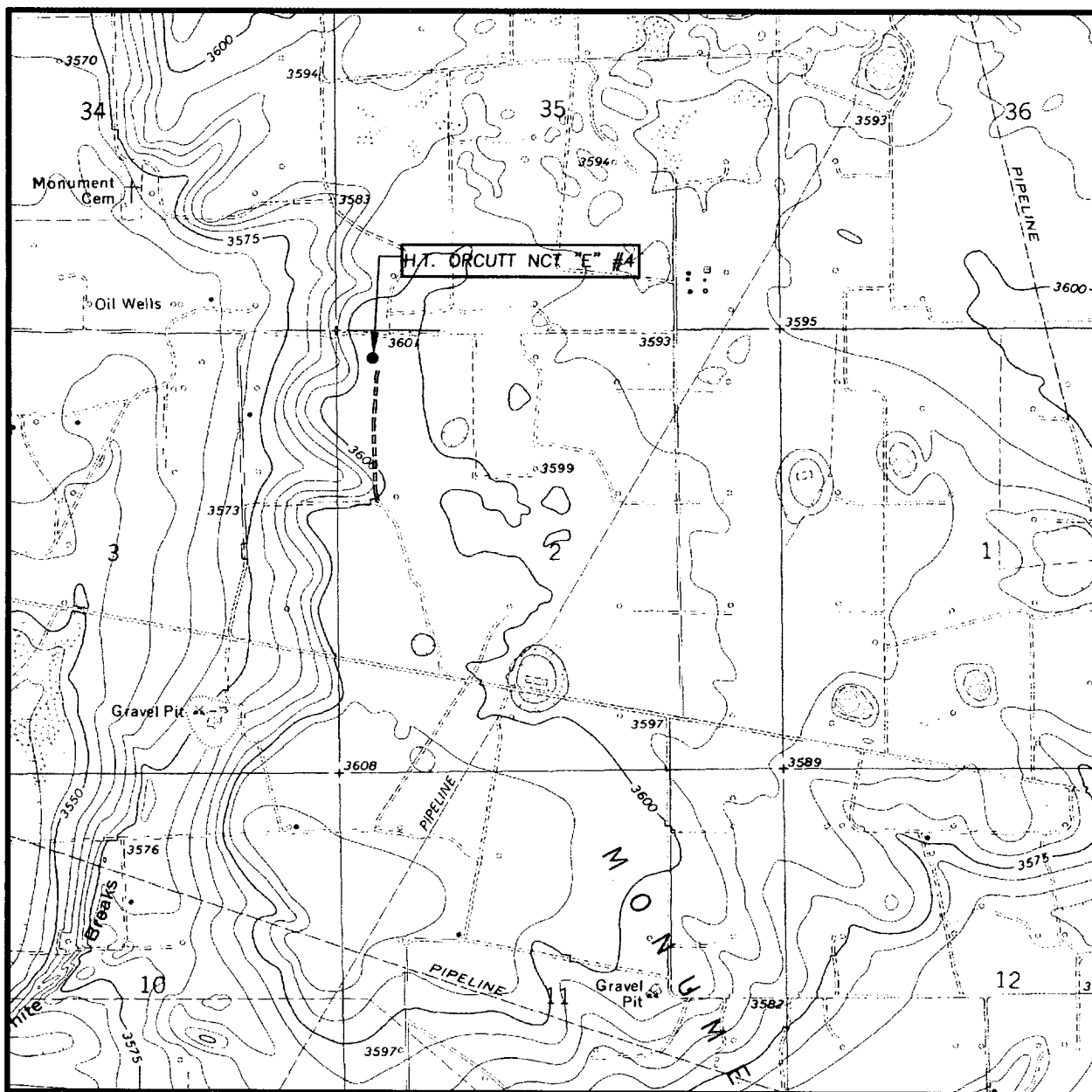
Survey Date: 5/21/04	Sheet 1 of 1 Sheets
W.O. Number: 04.11.0594	Dr By: L.A.
Date: 5/28/04	Disk: CD#3
04110594	Scale: 1"=100'



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



LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
HOBBS SW, N.M. - 10'

SEC. 2 TWP. 20-S RGE. 37-E

SURVEY N.M.P.M.

COUNTY LEA

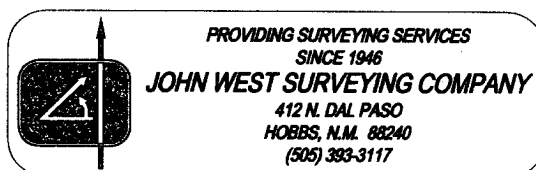
DESCRIPTION 330' FNL & 430' FWL

ELEVATION 3602'

OPERATOR CHEVRON, INC.

LEASE H.T. ORCUTT NCT "E"

U.S.G.S. TOPOGRAPHIC MAP
HOBBS SW, N.M.



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-144
March 12, 2004

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. ORCUTT NCT-E #4 API #: 30-025-36253 O/L or Qtr/Qtr 2 D_Sec 2 T 20 S_R 37-E
County: LEA Latitude _____ Longitude _____ NAD: 1927 ☐ 1983 ☐ Surface Owner Federal ☐ State ☒ Private ☐ Indian ☐

Pit
Type: Drilling ☒ Production ☐ Disposal ☐
Workover ☐ Emergency ☐
Lined ☒ Unlined ☐
Liner type: Synthetic ☒ Thickness 20 mil Clay ☐ Volume _____
_____ 4390 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.)

Less than 50 feet
50 feet or more, but less than 100 feet
100 feet or more

(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
No

(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
1000 feet or more

(20 points)
(10 points)
(0 points)

Ranking Score (Total Points)

20

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: 6-30-04

Printed Name/Title MIKE HOWELL PETROLEUM ENGINEER Signature Mike Howell

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: 7/9/04 PETROLEUM ENGINEER

Printed Name/Title _____ Signature Paul J. [Signature]

CapStar #16 Pit Design for Single Horseshoe

