

MDC Operations  
4607 South County Rd. #1310  
Odessa, Texas 77477  
Phone (915) 563-3057  
Fax (915) 563-3059

February 5, 1997

Oil Conservation Division  
District I  
P.O. Box 1960  
Hobbs, New Mexico 88241-1960

Re:Chevron USA, Inc.  
Monument 23 State #5  
Section 23,Township 19 South, Range 36 East  
Lea County, New Mexico  
API # 30-25-33735

Enclosed, please find the original and one copy of the survey performed on the referenced well by Anadrill, a division of Schlumberger Technology Corporation. Other information required by your office is as follows:

<u>Name &amp; Title of Surveyor</u>	<u>Drainhole Number</u>	<u>Surveyed Depths</u>	<u>Dates Performed</u>	<u>Type of Survey</u>
Tim Kilpatrick MWD I	#01	6062' to 6456'	1/25/97 - 1/27/97	MWD/D&I

A certified plat on which the bottom hole is oriented both to the surface location and to the lease lines ( or unit lines in case of pooling) is attached to the survey report. If any other information is required, please contact the undersigned at the letterhead address and phone number.

Sincerely,



Tom Follis  
MWD Field Service Manager

Cc: Chevron USA, Inc.

Enclosures: 2



<b>Schlumberger</b>	<b>Anadrill</b>

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State of Texas  
County of Midland

I, Tim Kilpatrick, certify that; I am employed by Anadrill, a division of Schlumberger Technology Corporation; that I did on the day's of 1/25/97 thru 1/27/97 conduct or supervise the taking of MWD surveys from a depth of 6062 feet to a depth of 6456 feet; that the data is true, correct, complete and within the limitations of the tool as set forth by Anadrill, a division of Schlumberger Technology Corporation; that I am authorized and qualified to make this report; that this survey was conducted at the request of Chevron USA, Inc., for the Monument 23 State #5 well, API # 30-25-33735 in Lea County, New Mexico; and that I have reviewed this report and find that it conforms to the principles and procedures as set forth by Anadrill, a division of Schlumberger Technology Corporation.

Tim Kilpatrick,  
MWD I

## ANADRILL DISPLACEMENT CALCULATION

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MONSTATE MONUMENT STATE 23#5

Job Number: 39413

Start Date: 24-01-97

Current Time: 05:02:14

Current Date: 27-01-97

Sta	M.Depth	Drift	Azimuth	TVD	U.S. Units		VSection	DisDisp	DisAz	DLgSv
					N/S Lat	E/W Dec				
0	5937.0	2.48	107.5	5934.6	0.8 N	134.8 E				
1	6062.0	2.50	118.0	6059.3	1.3 S	139.8 E	139.8	139.6	92.5	0.36
2	6104.0	1.57	128.7	6101.5	2.1 S	141.1 E	141.1	141.1	90.8	2.38
3	6166.0	1.50	205.9	6163.5	3.3 S	141.4 E	141.4	141.4	91.3	3.09
4	6229.0	3.78	241.7	6226.4	5.0 S	139.2 E	139.2	129.3	92.1	4.30
5	6260.0	3.90	239.6	6257.3	6.1 S	137.4 E	137.4	137.5	92.5	0.60
6	6292.0	3.70	231.9	6289.2	7.3 S	135.6 E	135.6	135.8	93.1	1.71
7	6323.0	3.80	241.7	6320.2	8.4 S	133.9 E	133.9	134.2	93.6	2.09
8	6354.0	4.20	257.8	6351.1	9.1 S	131.9 E	131.9	132.2	93.9	3.83
9	6414.0	5.90	266.3	6410.9	9.7 S	126.7 E	126.7	127.1	94.4	3.09
10	6433.0	6.10	267.8	6429.8	9.9 S	124.7 E	124.7	125.1	94.5	1.34
11	6456.0	6.20	267.9	6452.6	9.9 S	122.2 E	122.2	122.6	94.7	0.44
* 12	6500.0	6.20	267.9	6496.4	10.1 S	117.5 E	117.5	117.9	94.9	0.01

Calculations are done by the method of Minimum Radius of Curvature.

All distances are measured with respect to the top of the hole.

Using U.S. units

Vertical Section is calculated along the Target line at 90.0 degrees Azimuth.

Dog Leg Severity is in degrees per 100 ft.

\* Indicates station readings are interpolated or extrapolated.

DISTRICT I

P.O. Box 1960, Santa Fe, NM 87501-1960

DISTRICT II

P.O. Box 20, Alamosa, NM 87711-0020

DISTRICT III

1920 Rio Grande Rd., Alamosa, NM 87710

DISTRICT IV

State of New Mexico

Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

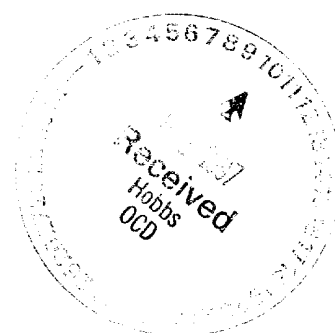
Form C-102

Revised February 10, 1994

Submit to Appropriate District Office

State License - 4 Copies

Fee License - 2 Copies



DISTRICT II  
P.O. Drawer 20, Artesia, NM 87011-0719

DISTRICT III  
1000 Rio Grande Rd., Alameda, NM 87410

DISTRICT IV  
PO Box 1000, Santa Fe, N.M. 87504-2000

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number <b>30-025-33735</b>	Pool Code <b>46980</b>	Pool Name <b>MONUMENT ABO, NORTH</b>
Property Code <b>20070</b>	Property Name <b>MONUMENT 23 STATE</b>	Well Number <b>5</b>
OCRD No. <b>4323</b>	Operator Name <b>CHEVRON U.S.A. INC.</b>	Elevation <b>3724</b>

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>8</b>	<b>23</b>	<b>19 S</b>	<b>36 E</b>		<b>472</b>	<b>NORTH</b>	<b>2310</b>	<b>EAST</b>	<b>LEA</b>

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
<b>B</b>	<b>23</b>	<b>19s</b>	<b>36e</b>		<b>482</b>	<b>N</b>	<b>2193</b>	<b>E</b>	<b>Lea</b>
Dedicated Acres <b>40</b>	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><b>OPERATOR CERTIFICATION</b></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>J. K. Ripley</i> Signature <b>J. K. RIPLEY</b> Printed Name <b>T.A.</b> Title <b>12/19/96</b> Date</p>
	<p><b>SURVEYOR CERTIFICATION</b></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><b>DEC. 9, 1996</b> Date Surveyed <b>CMCC</b> Signature of Professional Surveyor <b>GARRETT J. JOHNSON</b> Professional Surveyor <b>124396</b> Certificate No. <b>JOHN W. JOHNSON</b> <b>RONALD A. JOHNSON</b> <b>PROFESSIONAL SURVEYOR</b> <b>678</b> <b>3238</b> <b>2641</b></p>

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