

116550665 NSP 7/2/01

Houston Division
Production Operations, United States



**Marathon
Oil Company**

P.O. Box 2490
Hobbs, New Mexico 88240
Telephone 505/393-7106

June 8, 2001

**RE: Application to Simultaneously Dedicate
Blinebry Oil & Gas Pool Production**

**RE: Request for Exception to Rule 104
Non-Standard Gas Proration Unit for the Blinebry Oil & Gas Pool**

Lou Worthan Well No. 5
Unit Letter 'C', 660' FNL & 1980' FWL
Section 11, T-22-S, R-37-E
Lea County, New Mexico

Lou Worthan Well No. 19
Unit Letter 'D', 680' FNL & 880' FWL
Section 11, T-22-S, R-37-E
Lea County, New Mexico

Mr. Michael Stogner
State of New Mexico
Oil Conservation Division
2040 South Pacheco
Santa Fe, New Mexico 87505

Dear Mr. Stogner:

Marathon Oil Company respectfully requests authorization to simultaneously dedicate Blinebry Oil & Gas Pool Production to a 80 acre non-standard gas proration unit. This gas proration unit will be comprised of the N/2 of the NW/4 in Section 11, T-22-S, R-37-E in Lea County, New Mexico.

Currently Administrative Order SD-99-5 apply to Lou Worthan Well No. 5, 9, 19 in a 160 acre gas proration unit. A recent workover/recompletion on Lou Worthan Well No. 9 has made it a Blinebry oil well. The wells on this lease to be simultaneously dedicate to this non-standard gas proration unit for the Blinebry Oil & Gas Pool Production are:

Lou Worthan Well No. 5	API No. 30-025-10214
Lou Worthan Well No. 19	API No. 30-025-29469

OIL CONSERVATION DIV.
01 JUN 12 AM 11:31

This lease has 320 acres with a Blinebry Pool oil wells consisting of :

Lou Worthan Well No. 4	API No. 30-025-10213	40 acres in the SW portion of the NE/4
Lou Worthan Well No. 9	API No. 30-025-10218	80 acres in the S/2 portion of the NW/4

The other 120 acres in the NE/4 of Section 11, is simultaneously dedicated to another Blinebry Gas Proration Unit Pool which includes Lou Worthan Well No. 12, API No. 30-025-10221 and Lou Worthan Well No. 21, API No. 30-025-33426.

Marathon also request a 30 day exception for theses well while awaiting approval. Attached are C-102's for each well showing the locations and footage for the two wells. Also we have sent this same information to the offset operators. If you have any questions or have need of additional data, please contact me at (505) 393-7106 ext. 201.

Sincerely,



Thomas P. Kacir
Production Engineer

OFFSET OPERATORS
Lease NM - 377 -
Lou Worthan
N/2 of NW/4 in Section 11,
T-22-S, R-37-E, N.M.P.M.
Lea County, New Mexico
Drinkard Field

T-22-S, R-37-E

Section 2:

Exxon Corporation
P.O. Box 4697
Houston, Texas 77210-4697

Section 3:

John H. Hendrix Corp.
110 N. Marienfeld St.
Midland, Texas 79701

Section 10:

Chevron USA Inc.
Attn: Ray Vaden
P.O. Box 1150
Midland, Texas 79702

Section 11:

Apache Corp.
2000 Post Oak Blvd. #100
Houston, Texas 77056-4400

John H. Hendrix Corp.

Lou Worthan Lease

N/2 Section 11

T-22-S, R-37-E, MM2M.

Lee County, New Mexico



District I
1625 N. French Dr., Hobbs, NM 88240

State of New Mexico
Energy, Minerals & Natural Resources

Form C-102
Revised March 17, 1999

District II
811 S. 1st Street, Artesia, NM 88210

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
2040 South Pacheco, Santa Fe, NM 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-10214	² Pool Code 72480	³ Pool Name Blinebry Oil & Gas
⁴ Property Code 6488	⁵ Property Name Lou Worthan	⁶ Well Number 5
⁷ OGRID No. 014021	⁸ Operator Name Marathon Oil Company	⁹ Elevation GL 3353'

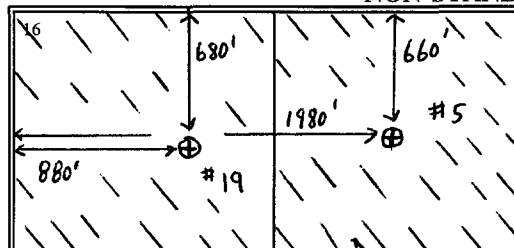
¹⁰ Surface Location

UL or lot no. C	Section 11	Township 22S	Range 37E	Lot. Idn	Feet from the 660	North/South line North	Feet from the 1980	East/West line West	County Lea
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¹¹ 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
¹² Dedicated Acres 80	¹³ Joint or Infill Y	¹⁴ Consolidation Code	¹⁵ Order No. SD-99-5						

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

	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <i>Thomas P. Kacir</i> Signature Thomas P. Kacir Printed Name Production Engineer Title June 8, 2001 Date
	¹⁸ 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. Date of Survey Signature and Seal of Professional Surveyor:
	Certificate Number

District I
1625 N. French Dr., Hobbs, NM 88240

District II
811 S. 1st Street, Artesia, NM 88210

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-102
Revised March 17, 1999

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-29469	² Pool Code 72480	³ Pool Name Blinebry Oil & Gas
⁴ Property Code 6488	⁵ Property Name Lou Worthan	⁶ Well Number 19
⁷ OGRID No. 014021	⁸ Operator Name Marathon Oil Company	⁹ Elevation GL 3368'

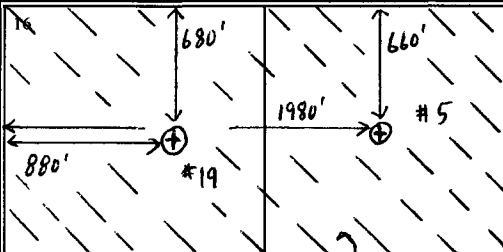
¹⁰ Surface Location

UL or lot no. D	Section 11	Township 22S	Range 37E	Lot. Idn	Feet from the 680	North/South line North	Feet from the 880	East/West line West	County Lea
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¹¹ 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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				¹⁸ 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. _____ Date of Survey Signature and Seal of Professional Surveyer:
				Certificate Number

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, 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-116
Revised March 17, 1999

Submit 2 copies
To Appropriate
District Office

GAS - OIL RATIO TEST

Operator Marathon Oil Company		Pool Blinberry Oil & Gas		County Lea										
Address PO Box 2490 Hobbs, NM 88240		TYPE OF TEST - (X)		Completion ☐		Special ☒								
LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	STATUS	TBG. PRESS	DAILY ALLOW- ABLE	SCHEDULED LENGTH OF TEST HOURS	PROD. DURING TEST			GAS - OIL RATIO CU.FT/BBL.	
		U	S	T						R	WATER BBLs.	GRAV. OIL		OIL BBLs.
Lou Worthan API 30-025-10214	5	C	11	22	37	5/18/01	P	300		24	3	10	702	70,200
Lou Worthan API 30-025-29469	19	D	11	22	37	5/17/01	P	0		24	0	6	417	69,500
FOR INFORMATION ONLY														

Instructions:

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Division.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Report casing pressure in lieu of tubing pressure for any well producing through casing.
(See Rule 301, Rule 1116 & appropriate pool rules.)

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

Signature
Thomas P. Kacir

Printed Name and Title
Thomas P. Kacir
Prod. Engineer

Date
June 8, 2001
393-7106
Telephone No.

Houston Division
Production Operations, United States



**Marathon
Oil Company**

P.O. Box 2490
Hobbs, New Mexico 88240
Telephone 505/393-7106

June 8, 2001

Apache Corp.
2000 Post Oak Blvd. #100
Houston, Texas 77056-4400

**RE: Application to Simultaneously Dedicate
Blinberry Oil & Gas Pool Production**

**RE: Request for Exception to Rule 104
Non-Standard Gas Proration Unit for the Blinberry Oil & Gas Pool**

Lou Worthan Well No. 5
Unit Letter 'C', 660' FNL & 1980' FWL
Section 11, T-22-S, R-37-E
Lea County, New Mexico

Lou Worthan Well No. 19
Unit Letter 'D', 680' FNL & 880' FWL
Section 11, T-22-S, R-37-E
Lea County, New Mexico

Ladies and/or Gentlemen:

Marathon Oil Company has filed an application with the New Mexico Oil Conservation division to simultaneously dedicate Blinberry Oil & Gas Pool Production to a 80 acre non-standard gas proration unit. Please find enclosed a copy of the application.

If you are in agreement and waive all objections to the simultaneously dedicated wells and non-standard gas proration unit, please sign below and mail the original to the NMOCD in the enclosed addressed envelope. Also, please return one copy to Marathon at the letterhead address.

Sincerely,

A handwritten signature in cursive script that reads 'Thomas P. Kacir'.

Thomas P. Kacir
Production Engineer

TPK/
Enclosure

Agreed and accepted this _____ day of _____, 2001

by _____, as representative of _____

Houston Division
Production Operations, United States



**Marathon
Oil Company**

P.O. Box 2490
Hobbs, New Mexico 88240
Telephone 505/393-7106

June 8, 2001

Chevron USA Inc.
Attn: Ray Vaden
P.O. Box 1150
Midland, Texas 79702

**RE: Application to Simultaneously Dedicate
Blinebry Oil & Gas Pool Production**

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Non-Standard Gas Proration Unit for the Blinebry Oil & Gas Pool**

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Production Engineer

TPK/
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by _____, as representative of

Houston Division
Production Operations, United States



P.O. Box 2490
Hobbs, New Mexico 88240
Telephone 505/393-7106

June 8, 2001

Exxon Corporation
P.O. Box 4697
Houston, Texas 77210-4697

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Thomas P. Kacir
Production Engineer

TPK/
Enclosure

Agreed and accepted this _____ day of _____, 2001

by _____, as representative of

Houston Division
Production Operations, United States



P.O. Box 2490
Hobbs, New Mexico 88240
Telephone 505/393-7106

June 8, 2001

John H. Hendrix Corp.
110 N. Marienfeld St.
Midland, Texas 79701

RE: **Application to Simultaneously Dedicate
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A handwritten signature in cursive script that reads 'Thomas P. Kacir'.

Thomas P. Kacir
Production Engineer

TPK/
Enclosure

Agreed and accepted this _____ day of _____ 2001

by _____, as representative of



Gyrodata Incorporated
3811 S. Co. Rd. 1285
Odessa, TX. 79765

915/561-8458
Fax: 915/563-7982

SURVEY REPORT
MARATHON OIL
LOU WORTHAN #9
KEY #96
LEA COUNTY, NEW MEXICO
MD0401GMW183

APRIL 10, 2001

 **ORIGINAL**



Gyrodata Incorporated
3811 S. Co. Rd. 1285
Odessa, TX. 79765

915/561-8458
Fax: 915/563-7982

April 16, 2001

Drilling Department
Marathon Oil
125 W. Missouri Ave.
Midland, Texas 79701

Re: **Lou Worthan #9**
Lea County, New Mexico

Enclosed, please find one (1) original, four (4) copies, and one (1) disk of the completed survey of the above referenced well.

We would like to take this opportunity to thank you for using Gyrodata, and we look forward to serving you in the future.

Sincerely,

A handwritten signature in cursive script, appearing to read "R. Clemence".

Ruben Clemence
Operations Manager

RC:jt

A Gyrodata Directional Survey

for

Marathon Oil Company

Well: LOU WORTHAN #9, 2-7/8" DRILLPIPE
Location: KEY #96, LEA COUNTY, NEW MEXICO

Job Number: MD0401GMW183

Run Date: 4/10/01 4:00:00 PM

Surveyor: Mike Shepherd

Calculation Method: MINIMUM CURVATURE

Survey Latitude: 32.408000 deg. N

Azimuth Correction:

Gyro: Bearings are Relative to True North

Proposed Well Direction: 92.300 deg

Vertical Section Calculated from Well Head Location

Closure Calculated from Well Head Location

Horizontal Coordinates Calculated from Well Head Location

A Gyrodata Directional Survey

Marathon Oil Company
Well: LOU WORTHAN #9, 2-7/8" DRILLPIPE
Location: KEY #96, LEA COUNTY, NEW MEXICO
Job Number: MD0401GMW183

MEASURED DEPTH feet	IN C L deg.	AZIMUTH deg.	VERTICAL SECTION feet	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
0.0	0.00	0.00	0.0	0.00	0.0	0.0 0.0	0.00 N 0.00 E
0 - 5606 FT RATE GYROSCOPIC MULTISHOT SURVEY RUN INSIDE 2-7/8" DRILLPIPE ALL MEASUREMENTS AND COORDINATES REFERENCED TO KEY #96 R.K.B.							
100.0	0.94	28.19	0.4	0.94	100.0	0.8 28.2	0.72 N 0.39 E
200.0	0.65	26.64	1.0	0.29	200.0	2.2 27.8	1.96 N 1.03 E
300.0	0.54	21.50	1.3	0.13	300.0	3.2 26.7	2.90 N 1.46 E
400.0	0.53	22.82	1.7	0.01	400.0	4.2 25.7	3.77 N 1.81 E
500.0	0.50	22.64	2.0	0.04	500.0	5.1 25.1	4.60 N 2.16 E
600.0	0.28	25.93	2.2	0.21	600.0	5.8 25.0	5.22 N 2.43 E
700.0	0.24	31.67	2.4	0.05	700.0	6.2 25.3	5.62 N 2.65 E
800.0	0.18	6.75	2.5	0.11	800.0	6.6 25.0	5.96 N 2.78 E
900.0	0.13	29.42	2.6	0.08	900.0	6.8 24.7	6.22 N 2.86 E
1000.0	0.08	7.66	2.7	0.07	1000.0	7.0 24.6	6.39 N 2.92 E
1100.0	0.10	44.99	2.7	0.06	1100.0	7.2 24.7	6.52 N 3.00 E
1200.0	0.12	119.75	2.9	0.14	1200.0	7.3 25.7	6.53 N 3.15 E
1300.0	0.21	125.74	3.1	0.10	1300.0	7.2 28.0	6.37 N 3.39 E
1400.0	0.28	129.16	3.5	0.07	1400.0	7.2 31.4	6.11 N 3.73 E
1500.0	0.34	136.50	3.9	0.07	1500.0	7.1 35.7	5.74 N 4.13 E
1600.0	0.35	104.02	4.4	0.19	1600.0	7.2 40.4	5.45 N 4.63 E
1700.0	0.47	101.38	5.1	0.12	1700.0	7.5 45.2	5.29 N 5.33 E
1800.0	0.61	85.75	6.0	0.20	1800.0	8.2 50.0	5.25 N 6.26 E
1900.0	0.73	79.65	7.2	0.13	1899.9	9.2 53.9	5.41 N 7.42 E
2000.0	0.84	76.68	8.5	0.13	1999.9	10.4 57.0	5.69 N 8.76 E

A Gyrodata Directional Survey

Marathon Oil Company
Well: LOU WORTHAN #9, 2-7/8" DRILLPIPE
Location: KEY #96, LEA COUNTY, NEW MEXICO
Job Number: MD0401GMW183

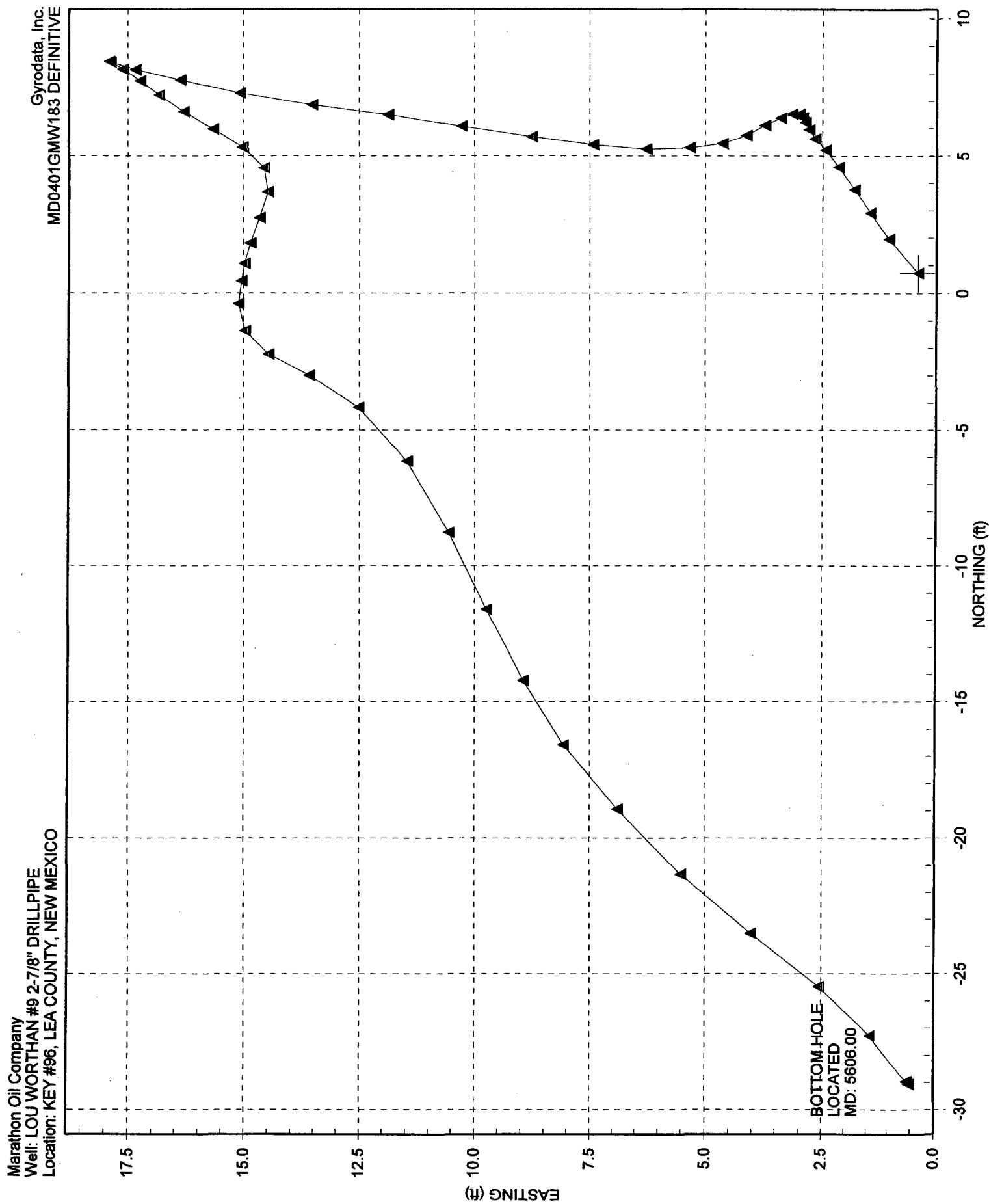
MEASURED DEPTH feet	INCL deg.	AZIMUTH deg.	VERTICAL SECTION feet	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
2100.0	0.95	74.67	10.0	0.11	2099.9	11.9 59.4	6.08 N 10.27 E
2200.0	0.95	75.24	11.6	0.01	2199.9	13.5 61.3	6.51 N 11.87 E
2300.0	0.98	79.92	13.2	0.09	2299.9	15.2 63.1	6.87 N 13.51 E
2400.0	0.87	69.06	14.8	0.21	2399.9	16.7 64.2	7.29 N 15.06 E
2500.0	0.72	70.78	16.0	0.15	2499.9	18.1 64.6	7.76 N 16.36 E
2600.0	0.47	67.43	17.0	0.25	2599.9	19.1 64.9	8.13 N 17.33 E
2700.0	0.22	50.99	17.5	0.27	2699.9	19.7 64.8	8.41 N 17.86 E
2800.0	0.17	232.61	17.5	0.40	2799.9	19.8 64.7	8.44 N 17.89 E
2900.0	0.31	220.88	17.3	0.14	2899.9	19.4 65.2	8.14 N 17.59 E
3000.0	0.32	221.99	16.9	0.01	2999.9	18.9 65.8	7.73 N 17.23 E
3100.0	0.43	216.74	16.5	0.11	3099.9	18.3 66.8	7.22 N 16.82 E
3200.0	0.50	224.44	16.0	0.10	3199.9	17.6 67.9	6.61 N 16.29 E
3300.0	0.53	225.84	15.4	0.03	3299.9	16.7 69.1	5.97 N 15.65 E
3400.0	0.51	221.54	14.8	0.05	3399.9	15.9 70.5	5.31 N 15.02 E
3500.0	0.51	200.96	14.4	0.18	3499.8	15.3 72.6	4.56 N 14.56 E
3600.0	0.54	170.53	14.3	0.28	3599.8	14.9 75.7	3.68 N 14.48 E
3700.0	0.56	168.03	14.5	0.03	3699.8	14.9 79.4	2.73 N 14.66 E
3800.0	0.52	167.85	14.8	0.03	3799.8	15.0 83.0	1.81 N 14.86 E
3900.0	0.35	175.47	14.9	0.18	3899.8	15.0 86.0	1.06 N 14.98 E
4000.0	0.36	172.73	15.0	0.02	3999.8	15.0 88.3	0.44 N 15.04 E
4100.0	0.58	177.31	15.1	0.22	4099.8	15.1 91.5	0.38 S 15.11 E
4200.0	0.57	199.06	15.0	0.22	4199.8	15.0 95.2	1.36 S 14.97 E
4300.0	0.59	221.61	14.5	0.23	4299.8	14.6 98.7	2.21 S 14.46 E
4400.0	0.77	234.16	13.7	0.23	4399.8	13.9 102.4	2.99 S 13.58 E

A Gyrodata Directional Survey

Marathon Oil Company
Well: LOU WORTHAN #9, 2-7/8" DRILLPIPE
Location: KEY #96, LEA COUNTY, NEW MEXICO
Job Number: MD0401GMW183

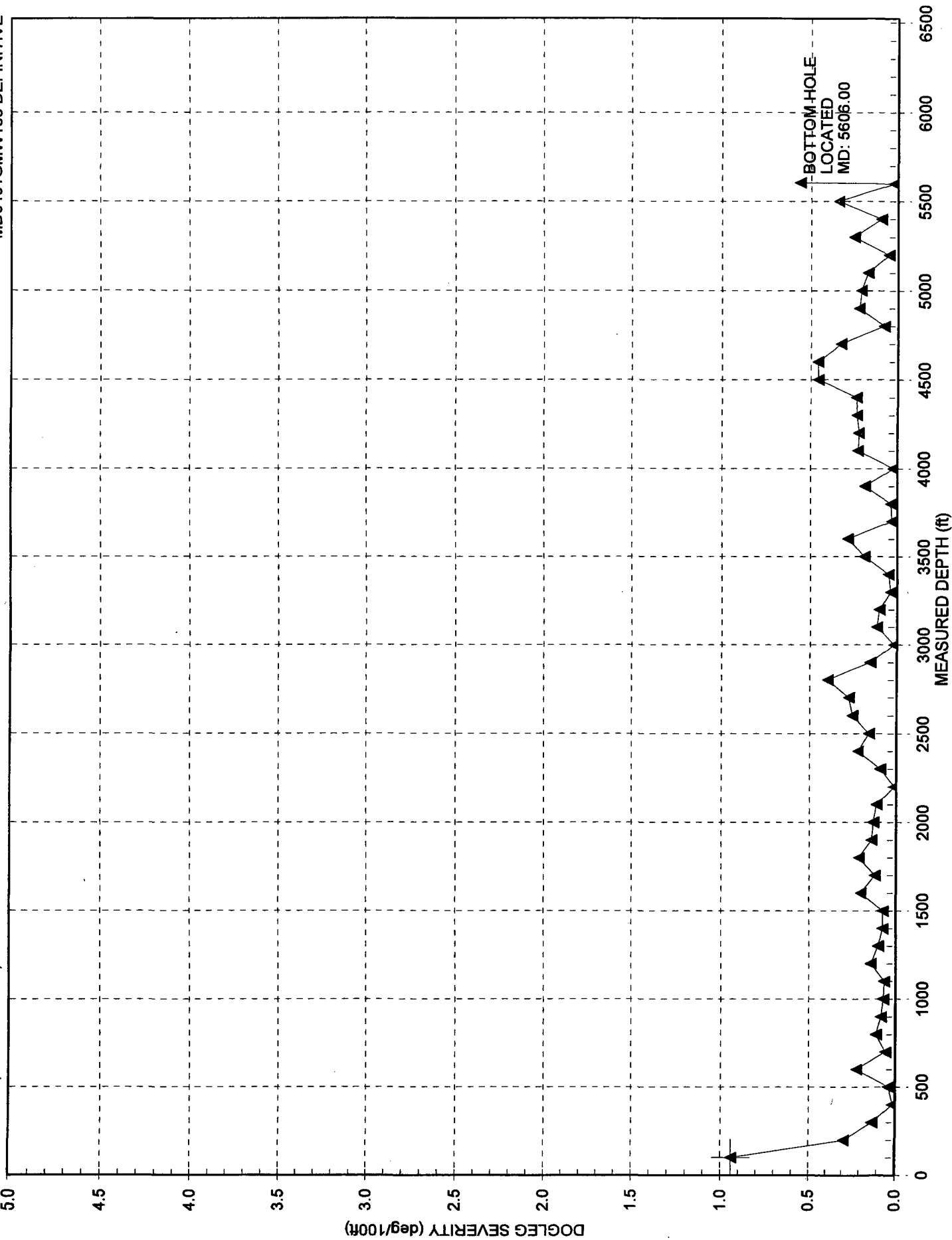
MEASURED DEPTH feet	INCL deg.	AZIMUTH deg.	VERTICAL SECTION feet	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
4500.0	1.08	213.27	12.7	0.46	4499.8	13.2 108.4	4.17 S 12.52 E
4600.0	1.49	203.77	11.7	0.46	4599.8	13.0 118.2	6.15 S 11.47 E
4700.0	1.71	195.07	10.9	0.32	4699.7	13.7 129.7	8.78 S 10.56 E
4800.0	1.67	197.31	10.2	0.08	4799.7	15.2 140.0	11.61 S 9.74 E
4900.0	1.45	196.39	9.5	0.22	4899.7	16.8 147.8	14.22 S 8.95 E
5000.0	1.45	204.49	8.7	0.21	4999.6	18.4 154.1	16.59 S 8.07 E
5100.0	1.57	209.03	7.6	0.17	5099.6	20.1 160.0	18.94 S 6.88 E
5200.0	1.59	210.58	6.4	0.05	5199.5	22.0 165.5	21.33 S 5.51 E
5300.0	1.44	218.07	5.0	0.25	5299.5	23.9 170.3	23.51 S 4.03 E
5400.0	1.36	216.25	3.6	0.09	5399.5	25.6 174.3	25.47 S 2.55 E
5500.0	1.09	206.84	2.5	0.34	5499.5	27.3 177.0	27.27 S 1.41 E
5600.0	1.07	206.45	1.7	0.02	5599.4	29.0 178.9	28.96 S 0.57 E
5606.0	1.04	207.53	1.7	0.56	5605.4	29.1 179.0	29.06 S 0.52 E

Final Station Closure: Distance: 29.06 ft Az: 178.98 deg.



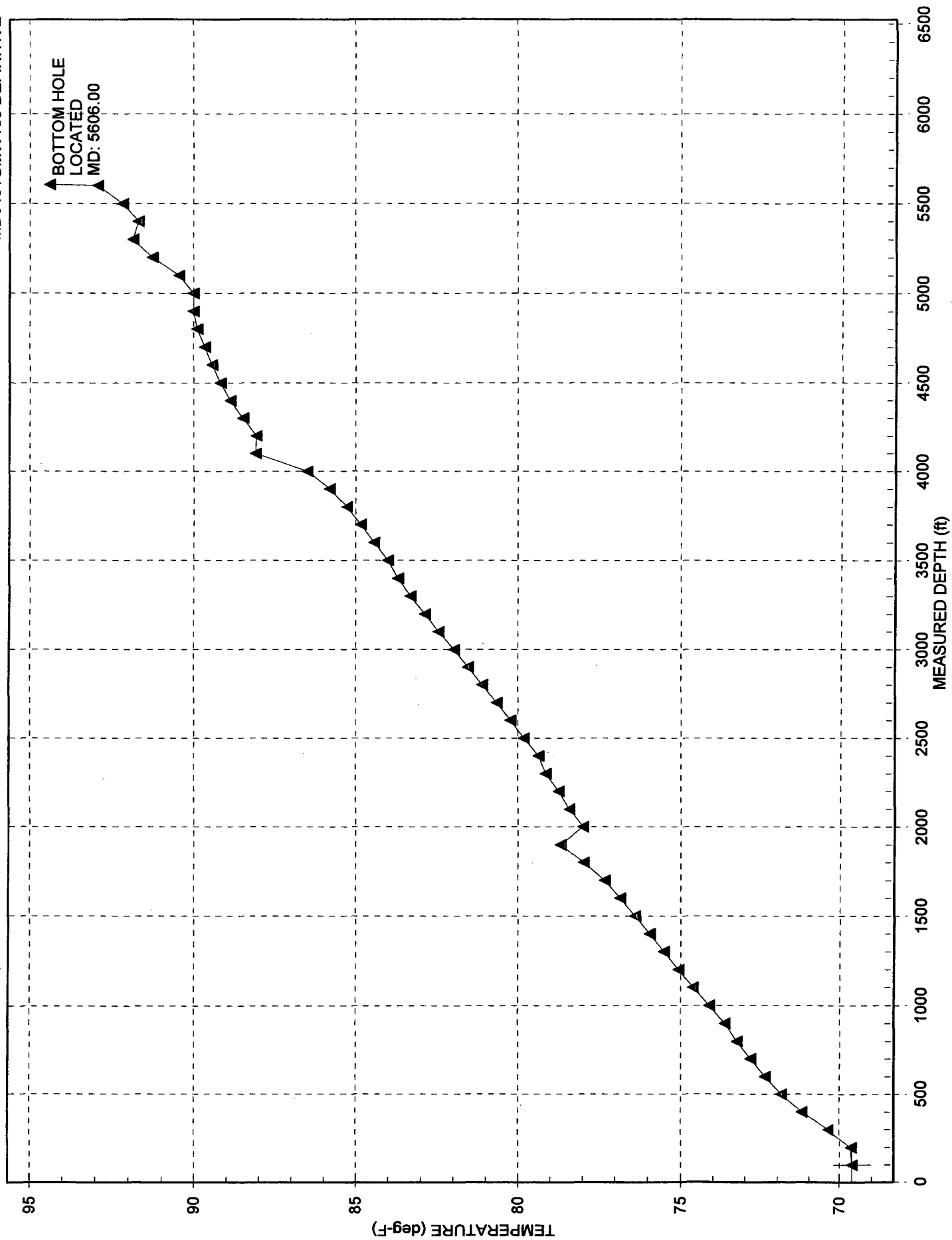
Marathon Oil Company
Well: LOU WORTHAN #9 2-7/8" DRILLPIPE
Location: KEY #96, LEA COUNTY, NEW MEXICO

Gyrodatta, Inc.
MD0401GMW183 DEFINITIVE



Marathon Oil Company
Well: LOU WORTHAN #9 2-7/8" DRILLPIPE
Location: KEY #96, LEA COUNTY, NEW MEXICO

Gyrodata, Inc.
MD00401GMW183 DEFINITIVE



Well Completion Report



Marathon Oil company
Lou Worthan #9
Lea County, New Mexico

Monday, April 24, 2000

Marathon Oil Company



Lou Worthan #9

slot #1
Drinkard
LEA COUNTY, NEW MEXICO

SURVEY LISTING

by
Baker Hughes INTEQ

Your ref : MWD Survey
Our ref : svy1648
License :

Date printed : 23-Apr-2001
Date created : 4-Apr-2001
Last revised : 23-Apr-2001

Field is centred on n32 25 0.000,w103 1 0.000,-105
Structure is centred on n32 25 0.000,w103 10 0.000,-105

Slot location is n32 25 0.000,w103 10 0.000
Slot Grid coordinates are N 3588154.734, E 672400.539
Slot local coordinates are 0.00 N 0.00 E

Projection type: mercator - UTM, Spheroid: Hayford

Reference North is True North



INTEQ

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Midland, Texas 79703
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Fax (915) 694-5648

Measured Depth	Inclin. Degrees	Azimuth Degrees	True Vert Depth	RECTANGULAR COORDINATES		Dogleg Deg/100ft
0.00	0.00	0.00	0.00	0.00 N	0.00 E	0.00
100.00	0.94	28.19	100.00	0.72 N	0.39 E	0.94
200.00	0.65	26.64	199.99	1.95 N	1.03 E	0.29
300.00	0.54	21.50	299.98	2.90 N	1.46 E	0.12
400.00	0.53	22.82	399.98	3.76 N	1.81 E	0.02
500.00	0.50	22.64	499.97	4.59 N	2.16 E	0.03
600.00	0.28	25.93	599.97	5.21 N	2.43 E	0.22
700.00	0.24	31.67	699.97	5.61 N	2.65 E	0.05
800.00	0.18	6.75	799.97	5.95 N	2.78 E	0.11
900.00	0.13	29.42	899.97	6.20 N	2.85 E	0.08
1000.00	0.08	7.66	999.97	6.37 N	2.92 E	0.06
1100.00	0.10	44.99	1099.97	6.50 N	2.99 E	0.06
1200.00	0.12	119.75	1199.97	6.51 N	3.14 E	0.13
1300.00	0.21	125.74	1299.97	6.35 N	3.38 E	0.09
1400.00	0.28	129.16	1399.97	6.09 N	3.72 E	0.07
1500.00	0.34	136.50	1499.96	5.72 N	4.11 E	0.07
1600.00	0.35	104.02	1599.96	5.43 N	4.61 E	0.19
1700.00	0.47	101.38	1699.96	5.28 N	5.31 E	0.12
1800.00	0.61	85.75	1799.96	5.23 N	6.24 E	0.20
1900.00	0.73	79.65	1899.95	5.39 N	7.40 E	0.14
2000.00	0.84	76.68	1999.94	5.67 N	8.74 E	0.12
2100.00	0.95	74.67	2099.93	6.06 N	10.25 E	0.11
2200.00	0.95	75.24	2199.91	6.49 N	11.85 E	0.01
2300.00	0.98	79.92	2299.90	6.85 N	13.50 E	0.08
2400.00	0.87	69.06	2399.89	7.27 N	15.05 E	0.21
2500.00	0.72	70.78	2499.88	7.75 N	16.35 E	0.15
2600.00	0.47	67.43	2599.87	8.11 N	17.32 E	0.25
2700.00	0.22	50.99	2699.87	8.39 N	17.85 E	0.27
2800.00	0.17	232.61	2799.87	8.42 N	17.88 E	0.39
2900.00	0.31	220.88	2899.87	8.13 N	17.59 E	0.15
3000.00	0.32	221.99	2999.87	7.72 N	17.22 E	0.01
3100.00	0.43	216.74	3099.86	7.21 N	16.81 E	0.12
3200.00	0.50	224.44	3199.86	6.60 N	16.28 E	0.09
3300.00	0.53	225.84	3299.86	5.96 N	15.64 E	0.03
3400.00	0.51	221.54	3399.85	5.31 N	15.02 E	0.04



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3500.00	0.51	200.96	3499.85	4.56 N	14.56 E	0.18
3600.00	0.54	170.53	3599.85	3.68 N	14.48 E	0.28
3700.00	0.56	168.03	3699.84	2.74 N	14.66 E	0.03
3800.00	0.52	167.85	3799.84	1.81 N	14.86 E	0.04
3900.00	0.35	175.47	3899.83	1.07 N	14.98 E	0.18
4000.00	0.36	172.73	3999.83	0.45 N	15.04 E	0.02
4100.00	0.58	177.31	4099.83	0.37 S	15.10 E	0.22
4200.00	0.57	199.06	4199.82	1.34 S	14.97 E	0.22
4300.00	0.59	221.61	4299.82	2.20 S	14.46 E	0.23
4400.00	0.77	234.16	4399.81	2.98 S	13.57 E	0.23
4500.00	1.08	213.27	4499.80	4.16 S	12.51 E	0.45
4600.00	1.49	203.77	4599.77	6.14 S	11.47 E	0.46
4700.00	1.71	195.07	4699.73	8.77 S	10.56 E	0.33
4800.00	1.67	197.31	4799.69	11.60 S	9.74 E	0.08
4900.00	1.45	196.39	4899.65	14.20 S	8.95 E	0.22
5000.00	1.45	204.49	4999.62	16.57 S	8.07 E	0.20
5100.00	1.57	209.03	5099.59	18.92 S	6.88 E	0.17
5200.00	1.59	210.58	5199.55	21.31 S	5.51 E	0.05
5300.00	1.44	218.07	5299.51	23.49 S	4.03 E	0.25
5400.00	1.36	216.25	5399.48	25.44 S	2.55 E	0.09
5500.00	1.09	206.84	5499.46	27.25 S	1.42 E	0.34
5600.00	1.07	206.45	5599.44	28.93 S	0.57 E	0.02
5606.00	1.04	207.53	5605.44	29.03 S	0.52 E	0.60
5626.00	4.90	109.70	5625.42	29.48 S	1.24 E	25.73
5636.00	8.60	108.00	5635.35	29.85 S	2.36 E	37.05
5642.00	11.00	105.30	5641.26	30.14 S	3.34 E	40.72
5662.00	19.20	99.30	5660.55	31.18 S	8.43 E	41.68
5681.00	26.20	100.10	5678.07	32.42 S	15.65 E	36.88
5702.00	35.00	95.40	5696.13	33.80 S	26.23 E	43.40
5722.00	43.60	91.20	5711.60	34.49 S	38.87 E	44.99
5742.00	52.10	90.20	5725.00	34.66 S	53.68 E	42.66
5767.00	63.30	89.10	5738.34	34.52 S	74.78 E	44.95
5787.00	72.80	87.70	5745.81	34.00 S	93.30 E	47.94
5797.00	77.60	87.00	5748.36	33.55 S	102.95 E	48.47
5806.00	82.40	86.60	5749.93	33.05 S	111.80 E	53.51
5822.00	86.60	88.10	5751.46	32.32 S	127.70 E	27.86
5840.00	85.80	88.40	5752.65	31.77 S	145.66 E	4.75

5872.00	85.10	88.10	5755.19	30.80 S	177.54 E	2.38
5903.00	88.40	88.10	5756.95	29.77 S	208.47 E	10.65
5935.00	93.30	88.40	5756.47	28.79 S	240.44 E	15.34
5965.00	93.10	88.10	5754.80	27.88 S	270.38 E	1.20
5998.00	93.00	87.70	5753.04	26.67 S	303.31 E	1.25
6030.00	93.30	88.40	5751.28	25.58 S	335.24 E	2.38
6061.00	93.10	88.40	5749.55	24.72 S	366.18 E	0.65
6093.00	91.10	88.80	5748.38	23.94 S	398.15 E	6.37
6124.00	90.90	88.10	5747.84	23.10 S	429.13 E	2.35
6155.00	89.80	87.40	5747.65	21.88 S	460.11 E	4.21
6188.00	90.40	88.10	5747.59	20.59 S	493.08 E	2.79
6219.00	92.60	89.50	5746.78	19.94 S	524.06 E	8.41
6251.00	93.60	90.50	5745.05	19.94 S	556.01 E	4.42
6283.00	87.70	89.80	5744.69	20.02 S	588.00 E	18.57
6298.00	85.10	89.50	5745.63	19.93 S	602.97 E	17.45
6314.00	85.00	89.50	5747.01	19.79 S	618.91 E	0.63
6346.00	89.40	90.50	5748.57	19.79 S	650.86 E	14.10
6378.00	93.90	91.60	5747.65	20.38 S	682.83 E	14.48
6409.00	94.40	92.30	5745.41	21.43 S	713.73 E	2.77
6441.00	96.60	93.30	5742.34	22.98 S	745.55 E	7.55
6472.00	98.80	93.00	5738.19	24.67 S	776.22 E	7.16
6504.00	99.00	93.30	5733.24	26.41 S	807.79 E	1.12
6535.00	98.50	93.70	5728.52	28.28 S	838.37 E	2.06
6567.00	97.00	93.70	5724.21	30.33 S	870.01 E	4.69
6599.00	97.00	93.00	5720.31	32.18 S	901.71 E	2.17
6630.00	97.30	93.00	5716.45	33.79 S	932.43 E	0.97
6662.00	97.40	92.60	5712.36	35.34 S	964.13 E	1.28
6693.00	98.10	92.00	5708.18	36.57 S	994.82 E	2.96
6725.00	98.30	91.90	5703.61	37.65 S	1026.48 E	0.70
6756.00	98.40	91.60	5699.11	38.59 S	1057.13 E	1.01
6788.00	97.20	91.60	5694.77	39.47 S	1088.82 E	3.75
6820.00	97.50	90.90	5690.67	40.17 S	1120.55 E	2.36
6851.00	95.10	91.20	5687.27	40.73 S	1151.36 E	7.80
6883.00	95.20	90.90	5684.40	41.32 S	1183.22 E	0.98
6915.00	94.70	90.90	5681.64	41.82 S	1215.10 E	1.56
6946.00	94.70	90.90	5679.10	42.30 S	1245.99 E	0.00
6978.00	93.70	90.90	5676.75	42.80 S	1277.90 E	3.12
7009.00	94.00	90.20	5674.67	43.10 S	1308.83 E	2.45



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7041.00	95.10	89.80	5672.13	43.10 S	1340.73 E	3.66
7072.00	95.30	89.80	5669.32	42.99 S	1371.60 E	0.65
7104.00	93.70	90.90	5666.81	43.19 S	1403.50 E	6.06
7136.00	92.80	90.50	5665.00	43.58 S	1435.45 E	3.08
7167.00	92.90	90.20	5663.46	43.77 S	1466.41 E	1.02
7199.00	93.60	90.50	5661.64	43.96 S	1498.36 E	2.38
7230.00	93.80	90.50	5659.64	44.23 S	1529.29 E	0.65
7262.00	93.60	90.20	5657.58	44.43 S	1561.22 E	1.13
7294.00	94.00	89.80	5655.46	44.43 S	1593.15 E	1.77
7325.00	94.40	89.10	5653.19	44.13 S	1624.07 E	2.60
7357.00	95.30	88.40	5650.48	43.43 S	1655.94 E	3.56
7389.00	95.90	88.80	5647.36	42.66 S	1687.78 E	2.25

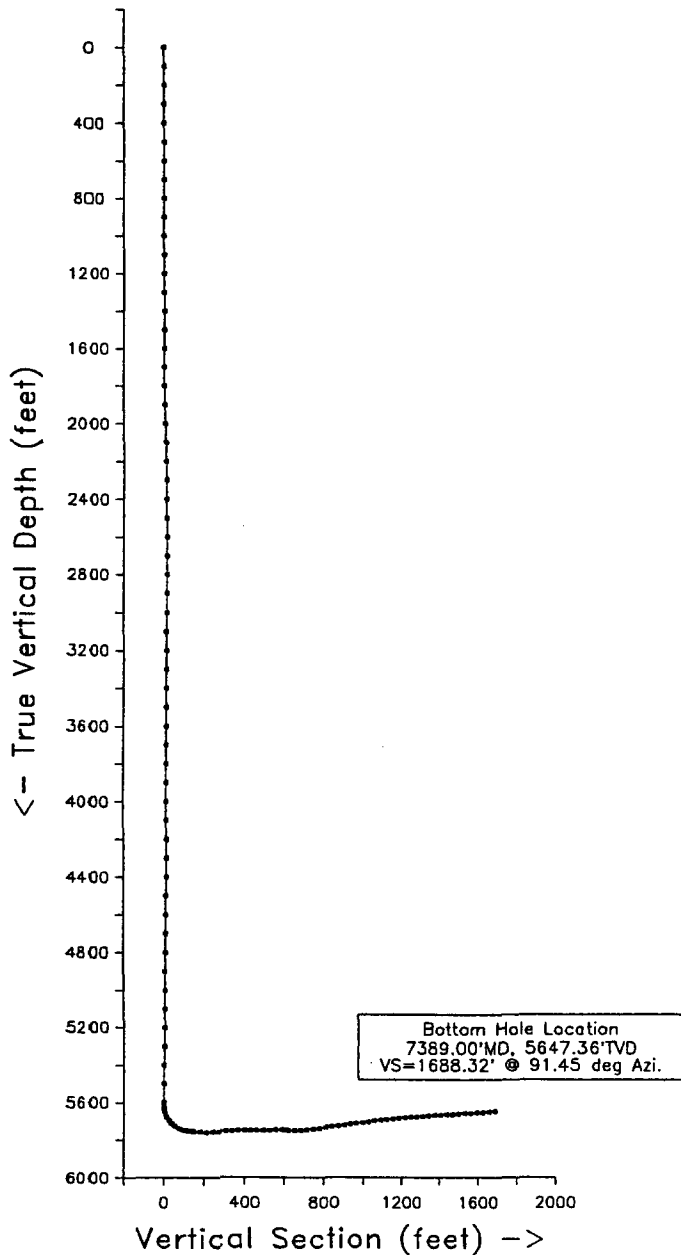
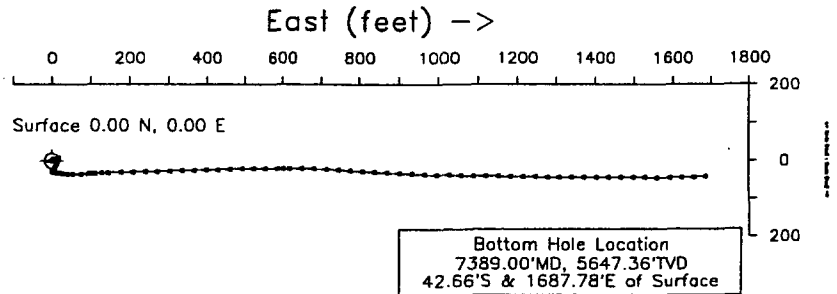
Marathon Oil Company

Structure : Lou Worthan #9

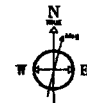
Slot : slot #1

Field : Drinkard

Location : LEA COUNTY, NEW MEXICO



Azimuth 91.45 with reference 0.00 N, 0.00 E from slot #1



2-9-2001 (Source BGS)
Magnetic North is 0.00 degrees East of TRUE North
To convert azimuth from magnetic to TRUE add 0.00 deg

**BAKER
HUGHES**

INTEQ

Created by fontenot
Date plotted : 23-Apr-2001
Plot Reference is MWD Survey.
Coordinates are in feet reference slot #1.
True Vertical Depths are reference rotary table.

--- Baker Hughes INTEQ ---



**Marathon
Oil Company**

June 8, 2001

John H. Hendrix Corp.
110 N. Marienfeld St.
Midland, Texas 79701

RE: **Application to Simultaneously Dedicate
Blinebry Oil & Gas Pool Production**

RE: **Request for Exception to Rule 104
Non-Standard Gas Proration Unit for the Blinebry Oil & Gas Pool**

Lou Worthan Well No. 5
Unit Letter 'C', 660' FNL & 1980' FWL
Section 11, T-22-S, R-37-E
Lea County, New Mexico

Lou Worthan Well No. 19
Unit Letter 'D', 680' FNL & 880' FWL
Section 11, T-22-S, R-37-E
Lea County, New Mexico

Ladies and/or Gentlemen:

Marathon Oil Company has filed an application with the New Mexico Oil Conservation division to simultaneously dedicate Blinebry Oil & Gas Pool Production to a 80 acre non-standard gas proration unit. Please find enclosed a copy of the application.

If you are in agreement and waive all objections to the simultaneously dedicated wells and non-standard gas proration unit, please sign below and mail the original to the NMOCD in the enclosed addressed envelope. Also, please return one copy to Marathon at the letterhead address.

Sincerely,

Thomas P. Kacir

Thomas P. Kacir
Production Engineer

TPK/
Enclosure

Agreed and accepted this 11 day of June 2001

by Reyn H. Hendrix, as representative of

John H. Hendrix Corp.

offset to own
Houston Division
Production Operations, United States

Thomas P. Kacir
Lsd

P.O. Box 2490
Hobbs, New Mexico 88240
Telephone 505/393-7106

To: Mike
Stegner
SF-OCD

JUN 11 2001

NSP-1842



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor

Jennifer A. Salisbury

Cabinet Secretary

Lori Wrotenbery

Director

Oil Conservation Division

6/13/01

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

RE: Proposed:

MC

DHC

NSL

NSP

SWD

WFX

PMX

X 9 SD

Gentlemen:

I have examined the application for the:

Marathon Oil Co	Lou Warthan	#5-C, 11-225-37e	3D-025-10214
Operator	Lease & Well No.	Unit	S-T-R
			3D-025-29469

and my recommendations are as follows:

OK

Yours very truly,

Chris Williams (Signature)
Chris Williams
Supervisor, District 1