

CMD :  
OG5SECT

ONGARD  
INQUIRE LAND BY SECTION

08/29/03 14:17:27  
OGOMES -TQEV  
PAGE NO: 1

Sec : 34 Twp : 18S Rng : 28E Section Type : NORMAL

<p>D</p> <p>40.00</p> <p>TUNV</p> <p>X00647 0394</p> <p>DOMINION OK./TX E</p> <p>11/14/32</p> <p>A</p>	<p>C</p> <p>40.00</p> <p>TUNV</p> <p>X00647 0394</p> <p>DOMINION OK./TX E</p> <p>11/14/32</p> <p>A</p>	<p>B</p> <p>40.00</p> <p>TUNV</p> <p>X00647 0305</p> <p>VAN P WELCH ESTAT</p> <p>C 11/14/32</p> <p>P A</p>	<p>A</p> <p>40.00</p> <p>TUNV</p> <p>X00647 0305</p> <p>VAN P WELCH ESTAT</p> <p>11/14/32</p>
<p>E</p> <p>40.00</p> <p>TUNV</p> <p>X00647 0394</p> <p>DOMINION OK./TX E</p> <p>11/14/32</p> <p>A A</p>	<p>F</p> <p>40.00</p> <p>TUNV</p> <p>X00647 0394</p> <p>DOMINION OK./TX E</p> <p>11/14/32</p>	<p>G</p> <p>40.00</p> <p>TUNV</p> <p><u>VB0489 0001</u></p> <p>MARATHON OIL CO</p> <p>C 06/01/01</p> <p>A</p>	<p>H</p> <p>40.00</p> <p>TUNV</p> <p>X00647 0305</p> <p>VAN P WELCH ESTAT</p> <p>11/14/32</p>

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06  
PF07 BKWD PF08 FWD PF09 PRINT PF10 SDIV PF11 PF12

CMD :  
OG5SECT

ONGARD  
INQUIRE LAND BY SECTION

08/29/03 14:17:46  
OGOMES -TQEV  
PAGE NO: 2

Sec : 34 Twp : 18S Rng : 28E Section Type : NORMAL

L 40.00 TUNV X00647 0394 DOMINION OK./TX E C 11/14/32	K 40.00 TUNV X00647 0394 DOMINION OK./TX E C 11/14/32	J 40.00 TUNV E06945 0002 OCCIDENTAL PERMIA C 02/10/63	I 40.00 TUNV X00647 0394 DOMINION OK./TX E C 11/14/32
M 40.00 TUNV X00647 0394 DOMINION OK./TX E C 11/14/32 A	N 40.00 TUNV X00647 0394 DOMINION OK./TX E C 11/14/32	O 40.00 TUNV X00647 0394 DOMINION OK./TX E C 11/14/32 A	P 40.00 TUNV X00647 0394 DOMINION OK./TX E C 11/14/32

PF01 HELP  
PF07 BKWD

PF02  
PF08 FWD

PF03 EXIT  
PF09 PRINT

PF04 GoTo  
PF10 SDIV

PF05  
PF11

PF06  
PF12

CMD :  
OG6IWCM

ONGARD  
INQUIRE WELL COMPLETIONS

08/29/03 14:18:17  
OGOMES -TQEV

API Well No : 30 15 30395 Eff Date : 11-01-2000 WC Status : A  
Pool Idn : 59860 TRAVIS; UPPER PENN  
OGRID Idn : 24010 V-F PETROLEUM INC  
Prop Idn : 27094 SAMUEL BURNS 34 STATE

Well No : 003  
GL Elevation: 3535

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
	---	---	-----	-----	-----	-----	-----
B.H. Locn : B	34	18S	28E	FTG	450 F N	FTG 2100 F E	P

Lot Identifier:  
Dedicated Acre: 80.00  
Lease Type : S  
Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

E6317: No more recs. for this api well no.

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06
PF07	PF08	PF09	PF10 NEXT-WC	PF11 HISTORY	PF12 NXTREC



CMD : ONGARD 08/29/03 14:18:53  
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TQEV  
 Page No: 1

OGRID Identifier : 14021 MARATHON OIL CO  
 Pool Identifier : 59860 TRAVIS; UPPER PENN  
 API Well No : 30 15 30395 Report Period - From : 01 1993 To : 07 2003

API Well No	Property Name	Prod.	Days	Production Volumes			Well
		MM/YY	Prod	Gas	Oil	Water	Stat
30 15 30395	SAMUEL BURNS 34 STAT	02 99	24	5207	2020	1212	P
30 15 30395	SAMUEL BURNS 34 STAT	03 99	31	2647	1888	1151	P
30 15 30395	SAMUEL BURNS 34 STAT	04 99	30	1589	896		P
30 15 30395	SAMUEL BURNS 34 STAT	05 99	31	1200	374	816	P
30 15 30395	SAMUEL BURNS 34 STAT	06 99	30	471	500	598	P
30 15 30395	SAMUEL BURNS 34 STAT	07 99	31	381	128	460	P
30 15 30395	SAMUEL BURNS 34 STAT	08 99	31	336	102	405	P

Reporting Period Total (Gas, Oil) :

M0025: Enter PF keys to scroll

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM  
 PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

CMD : ONGARD 08/29/03 14:18:56  
OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TQEV  
Page No: 2

OGRID Identifier : 14021 MARATHON OIL CO  
Pool Identifier : 59860 TRAVIS; UPPER PENN  
API Well No : 30 15 30395 Report Period - From : 01 1993 To : 07 2003

API Well No	Property Name	Prod.	Days	Production Volumes	Well
		MM/YY	Prod	Gas Oil Water	Stat
30 15 30395	SAMUEL BURNS 34 STAT	09 99	30	149 64 298	P
30 15 30395	SAMUEL BURNS 34 STAT	10 99	31	133 61 356	P
30 15 30395	SAMUEL BURNS 34 STAT	11 99	30	94 100 275	P
30 15 30395	SAMUEL BURNS 34 STAT	12 99	31	121 52 318	P
30 15 30395	SAMUEL BURNS 34 STAT	01 00	31	82 46 300	P
30 15 30395	SAMUEL BURNS 34 STAT	02 00	29	64 31 208	P
30 15 30395	SAMUEL BURNS 34 STAT	03 00	31	47 24 197	P

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM  
PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

CMD : ONGARD 08/29/03 14:18:57  
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TQEV  
 Page No: 3

OGRID Identifier : 14021 MARATHON OIL CO  
 Pool Identifier : 59860 TRAVIS; UPPER PENN  
 API Well No : 30 15 30395 Report Period - From : 01 1993 To : 07 2003

-----													
API Well No			Property Name				Prod. Days		Production Volumes			Well	
							MM/YY	Prod	Gas	Oil	Water	Stat	
-----													
30	15	30395	SAMUEL	BURNS	34	STAT	04 00	30	36	24	173	P	
30	15	30395	SAMUEL	BURNS	34	STAT	05 00	31	51	32	227	P	
30	15	30395	SAMUEL	BURNS	34	STAT	06 00	30	16	22	220	P	
30	15	30395	SAMUEL	BURNS	34	STAT	07 00	31	16	21	210	P	
30	15	30395	SAMUEL	BURNS	34	STAT	08 00	31	19	19	198	P	
30	15	30395	SAMUEL	BURNS	34	STAT	09 00	30	16	17	181	P	
30	15	30395	SAMUEL	BURNS	34	STAT	10 00	31	14	17	172	P	
									-----				
Reporting Period Total (Gas, Oil) :									12689	6438	7975		
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E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM  
 PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

CMD : ONGARD 08/29/03 14:18:58  
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TQEV  
 Page No: 3

OGRID Identifier : 14021 MARATHON OIL CO  
 Pool Identifier : 59860 TRAVIS; UPPER PENN  
 API Well No : 30 15 30395 Report Period - From : 01 1993 To : 07 2003

API Well No	Property Name	Prod. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 15 30395	SAMUEL BURNS 34 STAT	04 00 30	36 24 173	P
30 15 30395	SAMUEL BURNS 34 STAT	05 00 31	51 32 227	P
30 15 30395	SAMUEL BURNS 34 STAT	06 00 30	16 22 220	P
30 15 30395	SAMUEL BURNS 34 STAT	07 00 31	16 21 210	P
30 15 30395	SAMUEL BURNS 34 STAT	08 00 31	19 19 198	P
30 15 30395	SAMUEL BURNS 34 STAT	09 00 30	16 17 181	P
30 15 30395	SAMUEL BURNS 34 STAT	10 00 31	14 17 172	P

Reporting Period Total (Gas, Oil) : 12689 6438 7975

M0001: This is the last page

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM  
 PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

CMD : ONGARD 08/29/03 14:19:04  
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TQEV  
 Page No: 1

OGRID Identifier : 24010 V-F PETROLEUM INC  
 Pool Identifier : 59860 TRAVIS; UPPER PENN  
 API Well No : 30 15 30395 Report Period - From : 01 1993 To : 07 2003

API Well No	Property Name	Prod. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 15 30395	SAMUEL BURNS 34 STAT	11 00		P
30 15 30395	SAMUEL BURNS 34 STAT	12 00 27	157 55	P
30 15 30395	SAMUEL BURNS 34 STAT	01 01 31	146 95 41	P
30 15 30395	SAMUEL BURNS 34 STAT	02 01 28	152 12 36	P
30 15 30395	SAMUEL BURNS 34 STAT	03 01 29	238 10 29	P
30 15 30395	SAMUEL BURNS 34 STAT	04 01 26	246 8 27	P
30 15 30395	SAMUEL BURNS 34 STAT	05 01 29	252 11 27	P

Reporting Period Total (Gas, Oil) :

M0004: Enter selection keys.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM  
 PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

CMD :                               ONGARD                               08/29/03 14:19:07  
OG6IPRD                             INQUIRE PRODUCTION BY POOL/WELL               OGOMES -TQEV  
Page No:   2

OGRID Identifier : 24010 V-F PETROLEUM INC  
Pool Identifier : 59860 TRAVIS; UPPER PENN  
API Well No : 30 15 30395 Report Period - From : 01 1993 To : 07 2003

API Well No			Property Name				Prod.		Days	Production Volumes			Well
							MM/YY		Prod	Gas	Oil	Water	Stat
30	15	30395	SAMUEL	BURNS	34	STAT	06	01	30	211	7	20	P
30	15	30395	SAMUEL	BURNS	34	STAT	07	01	25	245	2	8	P
30	15	30395	SAMUEL	BURNS	34	STAT	08	01	30	235	15	41	P
30	15	30395	SAMUEL	BURNS	34	STAT	09	01	30	143	9	16	P
30	15	30395	SAMUEL	BURNS	34	STAT	10	01	30	216	6	14	P
30	15	30395	SAMUEL	BURNS	34	STAT	11	01	24	219	1		P
30	15	30395	SAMUEL	BURNS	34	STAT	12	01	24	236	10	16	P

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

```
PF01 HELP      PF02      PF03 EXIT      PF04 GoTo      PF05      PF06 CONFIRM
PF07 BKWD      PF08 FWD    PF09      PF10 NXTPOOL PF11 NXTOGD PF12
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CMD : ONGARD 08/29/03 14:19:08  
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TQEV  
 Page No: 3

OGRID Identifier : 24010 V-F PETROLEUM INC  
 Pool Identifier : 59860 TRAVIS; UPPER PENN  
 API Well No : 30 15 30395 Report Period - From : 01 1993 To : 07 2003

API Well No	Property Name	Prod. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 15 30395	SAMUEL BURNS 34 STAT	01 02 31	213 11 20	P
30 15 30395	SAMUEL BURNS 34 STAT	02 02 28	83	P
30 15 30395	SAMUEL BURNS 34 STAT	03 02 30	138	P
30 15 30395	SAMUEL BURNS 34 STAT	04 02 30	105	P
30 15 30395	SAMUEL BURNS 34 STAT	05 02	96	P
30 15 30395	SAMUEL BURNS 34 STAT	06 02 30	68	P
30 15 30395	SAMUEL BURNS 34 STAT	07 02 31	64	P

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM  
 PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

CMD : ONGARD 08/29/03 14:19:09  
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TQEV  
 Page No: 4

OGRID Identifier : 24010 V-F PETROLEUM INC  
 Pool Identifier : 59860 TRAVIS; UPPER PENN  
 API Well No : 30 15 30395 Report Period - From : 01 1993 To : 07 2003

API Well No	Property Name	Prod. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 15 30395	SAMUEL BURNS 34 STAT	08 02 25	61	38 P
30 15 30395	SAMUEL BURNS 34 STAT	09 02 30	53	P
30 15 30395	SAMUEL BURNS 34 STAT	10 02 31	65	P
30 15 30395	SAMUEL BURNS 34 STAT	11 02 30	64	P
30 15 30395	SAMUEL BURNS 34 STAT	12 02 31	71	P
30 15 30395	SAMUEL BURNS 34 STAT	01 03 31	71	P
30 15 30395	SAMUEL BURNS 34 STAT	02 03 28	57	P

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM  
 PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

CMD : ONGARD 08/29/03 14:19:10  
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TQEV  
 Page No: 5

OGRID Identifier : 24010 V-F PETROLEUM INC  
 Pool Identifier : 59860 TRAVIS; UPPER PENN  
 API Well No : 30 15 30395 Report Period - From : 01 1993 To : 07 2003

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 15 30395	SAMUEL BURNS 34 STAT	03 03 31	59	P
30 15 30395	SAMUEL BURNS 34 STAT	04 03 30	60	P
30 15 30395	SAMUEL BURNS 34 STAT	05 03 31	71	P
30 15 30395	SAMUEL BURNS 34 STAT	06 03 30	66	P

Reporting Period Total (Gas, Oil) : 4161 252 333

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM  
 PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

**CASE 13103:** Continued from August 7, 2003, Examiner Hearing.

**Amended Application of V-F Petroleum Inc. for Compulsory Pooling and an Unorthodox Surface Location, Eddy County, New Mexico.** Applicant seeks an order pooling all mineral interests in all formations developed on 320-acre spacing from a depth of 3,500 feet (the approximate base of the San Andres formation) to the base of the Morrow formation (approximate depth of 11,152 feet) underlying the N/2 of Section 34, Township 18 South, Range 28 East, forming a standard gas spacing and proration unit for any and all formations and/or pools spaced on 320 acres within said vertical extent, which presently includes but is not necessarily limited to the Undesignated North Turkey Track-Morrow Gas Pool.. Said pooled unit is to be dedicated to its Samuel Burns "34" State Well No. 3 located at an unorthodox surface location 450 feet from the North line and 2,100 feet from the East line (Unit B) of said Section 34 that applicant proposes to re-enter and directionally drill to a standard location in the Morrow formation in the NW/4 NE/4 of the section. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the well and a charge for risk involved in drilling said well. Said area is located approximately 14 miles southeast of Artesia, New Mexico.

**CASE 13122:** Continued from August 7, 2003 Examiner Hearing.

**Application of Yates Petroleum Corporation for approval of a Unit Agreement, Lea County, New Mexico.** Applicant seeks approval of the Kris State Exploratory Unit for an area comprising 3200.00 acres of State of New Mexico lands in Sections 27, 28, 29, 33, and 34, Township 11 South, Range 34 East, which is located approximately 8 miles North of Tatum, New Mexico.

**CASE 13141:** This case will be dismissed.

*Int. to  
Sept. 4<sup>th</sup>*  
**Application of EOG Resources, Inc. for re-instatement of Division Order No. R-10183 which promulgated Special Pool Rules and Regulations for the Diamond-Strawn Pool including provisions for 80-acre spacing and proration units and special well location requirements, Lea County, New Mexico.** Applicant seeks the adoption of Special Pool Rules and Regulations for the Diamond-Strawn Pool on a permanent basis by the re-instatement of Division Order No. R-10183 that previously adopted Temporary Pool Rules and Regulations for this pool. The Diamond-Strawn Pool is located in portions of Sections 15 and 16 of Township 16 South, Range 36 East. Said pool area is located approximately 2 miles south of the center of Lovington, New Mexico.

**CASE 13085:** Continued from August 21, 2003 Examiner Hearing.

**Amended Application of EGL Resources, Inc. and Robert Landreth for Pool Extension, or Alternatively Pool Creation, and Expansion of Gas Spacing and Proration Unit, Lea County, New Mexico.** Applicants seek an order extending the pool boundaries of the North Bell Lake-Devonian Gas Pool (71840) to include Sections 4 and 5, Township 23 South, Range 34 East. Alternatively, Applicants seek the creation of a new pool consisting of said Section 4 with the promulgation of special pool rules for the production of gas from the Devonian formation including 640-acre gas spacing and proration units and designated well location requirements. Applicants also seek the concurrent expansion of the 320-acre gas spacing and proration unit created by Order No. R-11962 presently consisting of the N/2 of said Section 4 to include the entirety of said Section 4 to form a 640-acre spacing and proration unit from the base of the Morrow formation to the base of the Devonian formation which will be dedicated to the Rio Blanco 4 Federal Well No. 1 (API No. 30-025-34515) located at a standard location (Unit F) 1980 feet from the North and West lines of Section 4. Applicants propose to re-enter the Rio Blanco 4 Federal Well No. 1 presently drilled to the Morrow formation and deepen the well by way of a side-track to the Devonian formation. The subject lands are located approximately 20 miles southwest of Eunice, New Mexico.

**CASE 13142:** Application of the New Mexico Oil Conservation Division for an Order Requiring Maralo, LLC to Remediate Hydrocarbon Contamination at an Abandoned Well and Battery Site, Lea County, New Mexico. Applicant seeks an order requiring Maralo, LLC to remediate contamination at the Humble State Well No. 3 site, located in Unit A, Section 36, Township 25 South, Range 36 East.

**STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION**

**IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
DIVISION FOR THE PURPOSE OF  
CONSIDERING:**

**CASE NO. 13103  
ORDER NO. R-12051**

**AMENDED APPLICATION OF V-F PETROLEUM INC. FOR COMPULSORY  
POOLING AND AN UNORTHODOX SURFACE LOCATION, EDDY COUNTY,  
NEW MEXICO.**

**ORDER OF THE DIVISION**

**BY THE DIVISION:**

This case came on for hearing at 8:15 a.m. on November 7, 2003, at Santa Fe, New Mexico, before examiner William V. Jones.

NOW, on this 13<sup>th</sup> day of November, 2003, the Division Director, having considered the record and the recommendations of the Examiner,

**FINDS THAT:**

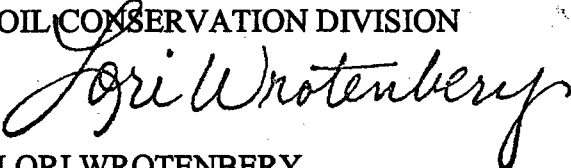
The applicant's request for dismissal should be granted.

**IT IS THEREFORE ORDERED THAT:**

Case No. 13103 be dismissed.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

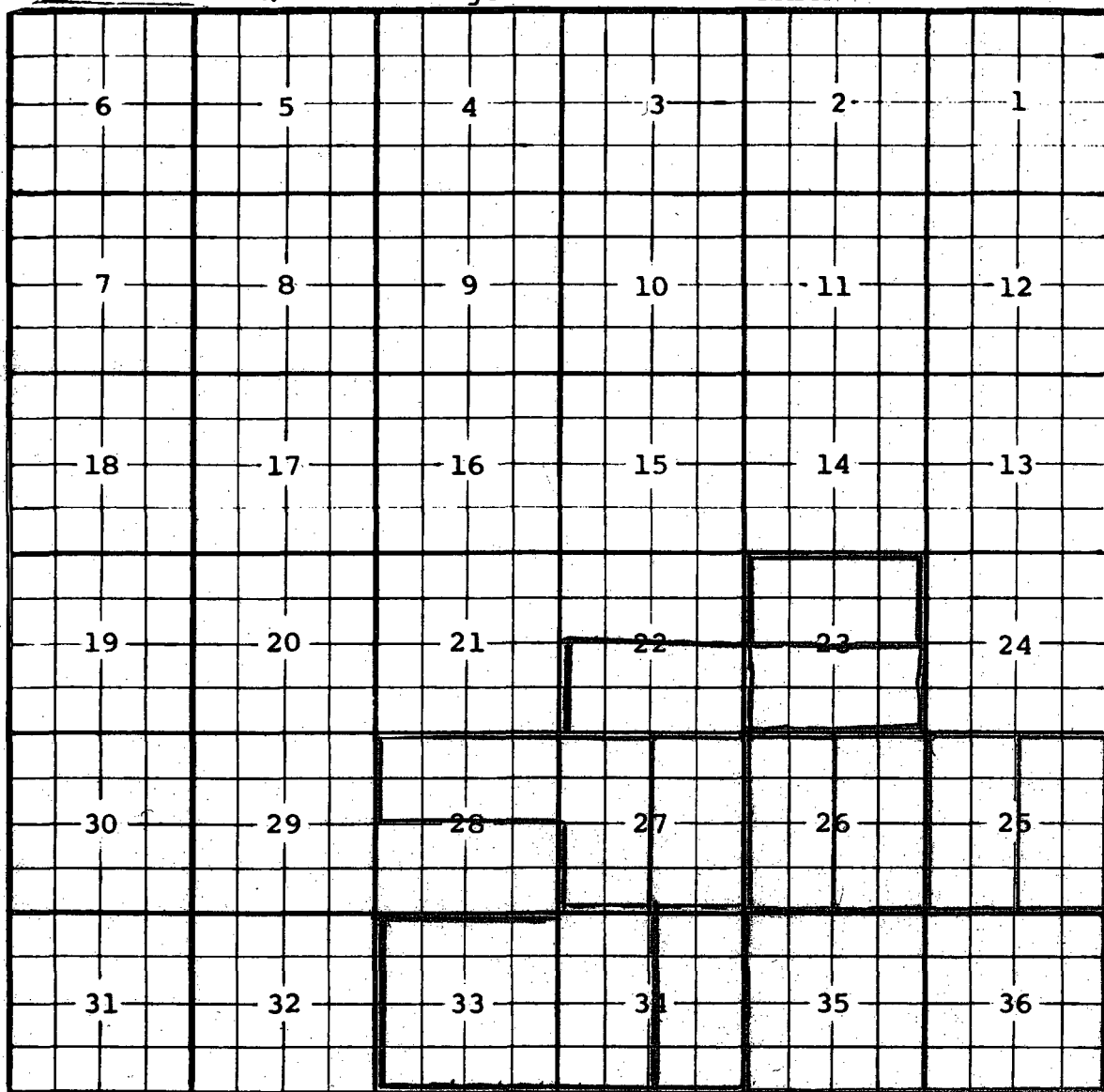


LORI WROTENBERY  
Director

SEAL

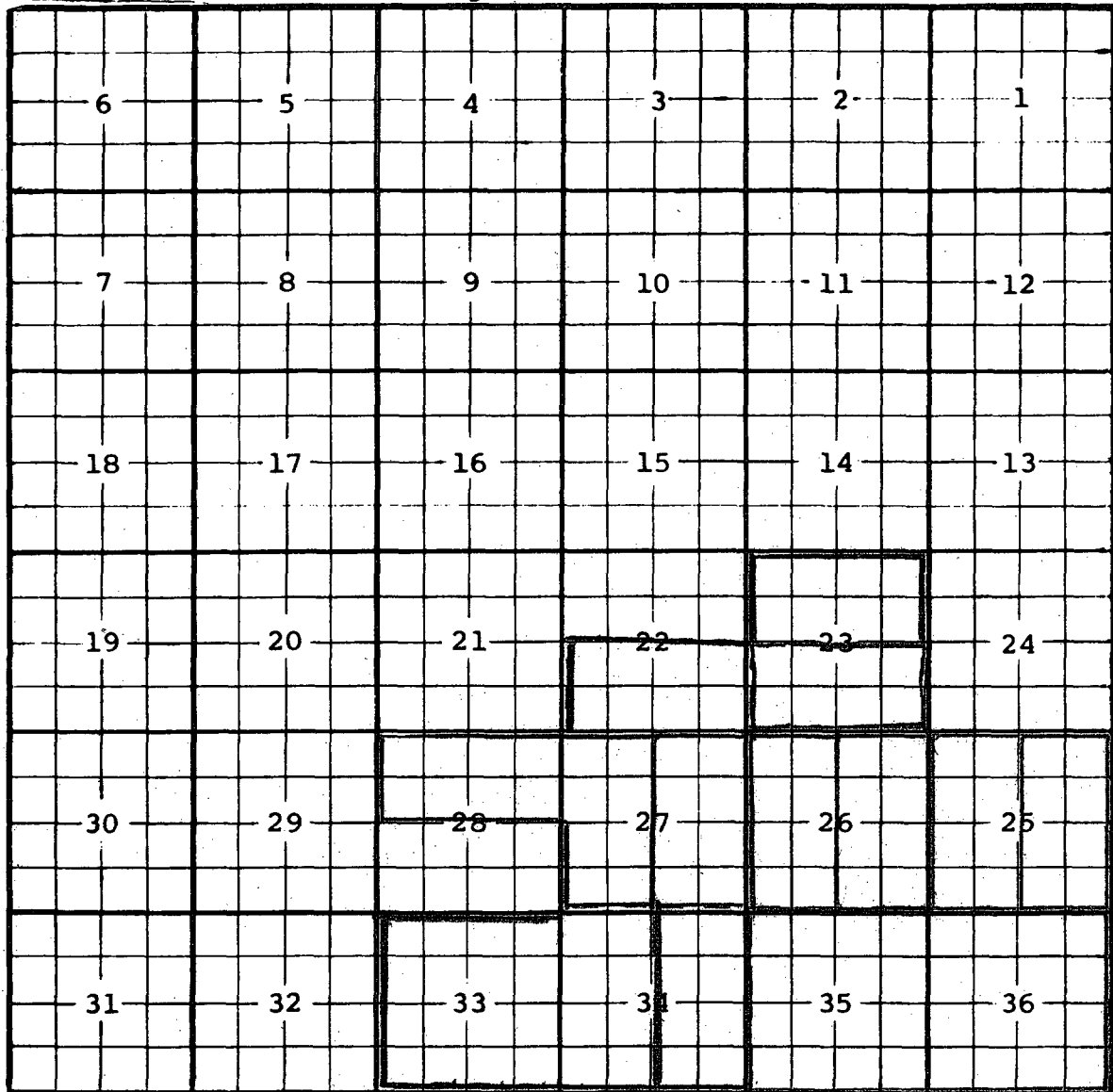
County EddyPool North Turkey Track - Morrow GasTOWNSHIP 18 SouthRange 28 East

NMPM

Ext:  $\frac{E}{2}$  Sec 25 (R-5667, 4-1-78) Ext:  $\frac{W}{2}$  Sec 25 (R-5838, 11-1-78)Ext: All Sec 35, All Sec 36 (R-5988, 5-1-79) Ext:  $\frac{E}{2}$  Sec 26 (R-6211, 12-31-79)Ext:  $\frac{N}{2}$  Sec 26 (R-6420, 8-1-80) Ext:  $\frac{E}{2}$  Sec 27 (R-7009, 6-19-82)Ext:  $\frac{W}{2}$  Sec 27 and  $\frac{N}{2}$  Sec 28 (R-7131, 11-30-82)Ext: Sec 23  $\frac{S}{2}$  (R-7193, 1-26-83) Ext:  $\frac{N}{2}$  Sec 23 (R-7668, 9-21-84)Ext:  $\frac{E}{2}$  Sec 34 (R-10844, 7-16-97) Ext:  $\frac{S}{2}$  Sec 22 (R-11097, 12-10-98)Ext: All Sec 33,  $\frac{W}{2}$  Sec 34 (R-11226, 7-12-99)

County EddyPool North Turkey Track - Morrow GasTOWNSHIP 18 SouthRange 28 East

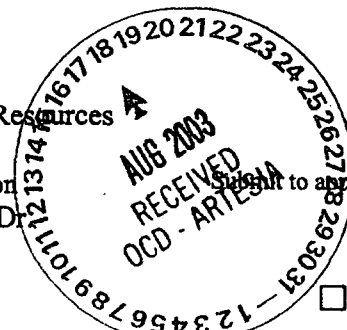
NMPM

Ext:  $\frac{E}{2}$  Sec 25 (R-5667, 4-1-78) Ext:  $\frac{W}{2}$  Sec 15 (R-5838, 11-1-78)Ext: All Sec 35, All Sec 36 (R-5988, 5-1-79) Ext:  $\frac{E}{2}$  Sec 26 (R-6211, 12-31-79)Ext:  $\frac{N}{2}$  Sec 26 (R-6420, 8-1-80) Ext:  $\frac{E}{2}$  Sec 27 (R-7009, 6-19-82)Ext:  $\frac{W}{2}$  Sec 27 and  $\frac{N}{2}$  Sec 28 (R-7131, 11-30-82)Ext: Sec 23  $\frac{S}{2}$  (R-7193, 1-26-83) Ext:  $\frac{N}{2}$  Sec 23 (R-7668, 9-21-84)Ext:  $\frac{E}{2}$  Sec 34 (R-10844, 7-16-97) Ext:  $\frac{S}{2}$  Sec 22 (R-11097, 12-10-98)Ext: All Sec 33,  $\frac{W}{2}$  Sec 34 (R-11226, 7-12-99)

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-101  
Revised March 17, 1999

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**

<sup>1</sup> Operator Name and Address V-F Petroleum Inc. P.O. Box 1889 Midland, Texas 79702		<sup>2</sup> OGRID Number 24010
		<sup>3</sup> API Number 30-015-30935 30395
<sup>3</sup> Property Code 14021	<sup>5</sup> Property Name Samuel Burns State	<sup>6</sup> Well No. 3

<sup>7</sup> 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	34	18S	28E		450	N	2,100	E	Eddy

<sup>8</sup> 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
B	34	18S	28E		530	N	2,087'	E	Eddy

<sup>9</sup> Proposed Pool 1 Turkey Track North (Morrow)	<sup>10</sup> Proposed Pool 2
---	-------------------------------

<sup>11</sup> Work Type Code D	<sup>12</sup> Well Type Code G	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 3,535'
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 11,200'	<sup>18</sup> Formation Morrow	<sup>19</sup> Contractor NA	<sup>20</sup> Spud Date 8/03

<sup>21</sup> Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2	13 3/8	48	448	400	Surface
12 1/4	9 5/8	36	2,957	1,250	Surface
8 3/4	7	23 & 26	10,040	1,025	2,480
6 1/8	4 1/2	11.6	9,500 - 11,200	200	9,500

<sup>22</sup> 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.

It is proposed to squeeze the existing Strawn perfs at 9,842-54', 9,860-70', 9,888-96', 9,904-08', with 200 sxs of cement and then deepen below the 7" casing with a 6 1/8" hole to 11,200' with 9.2 ppg cut brine mud. At TD, the well will be logged. If productive, we will set a 4 1/2" liner and cement csg back to the liner hanger in the 7" casing. A 3,000 psi annular preventer and a 5,000 psi dual ram BOP will be used while drilling. Several DST's may be run. No H2S is expected.

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Signature: <i>Larry N. Brazile</i>		Approved by: <i>Jim W. Green</i>	
Printed name: Larry N. Brazile		Title: SUPERVISOR, DISTRICT II	
Title: Petroleum Engineer		Approval Date: NOV 07 2003	Expiration Date: NOV 07 2004
Date: August 14, 2003	Phone: 432-683-3344	Conditions of Approval: Attached Drill only NSL re produce	

DISTRICT I  
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  
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DISTRICT II  
P.O. Drawer DD, Artesia, NM 88211-0719

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

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

OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code 59860	Pool Name Travis Upper Pennsylvanian
Property Code	Property Name SAMUEL <del>BURNES</del> BURNS '34' STATE	Well Number 3
OGRID No. 14021	Operator Name MARATHON OIL COMPANY	Elevation 3535

Surface Location

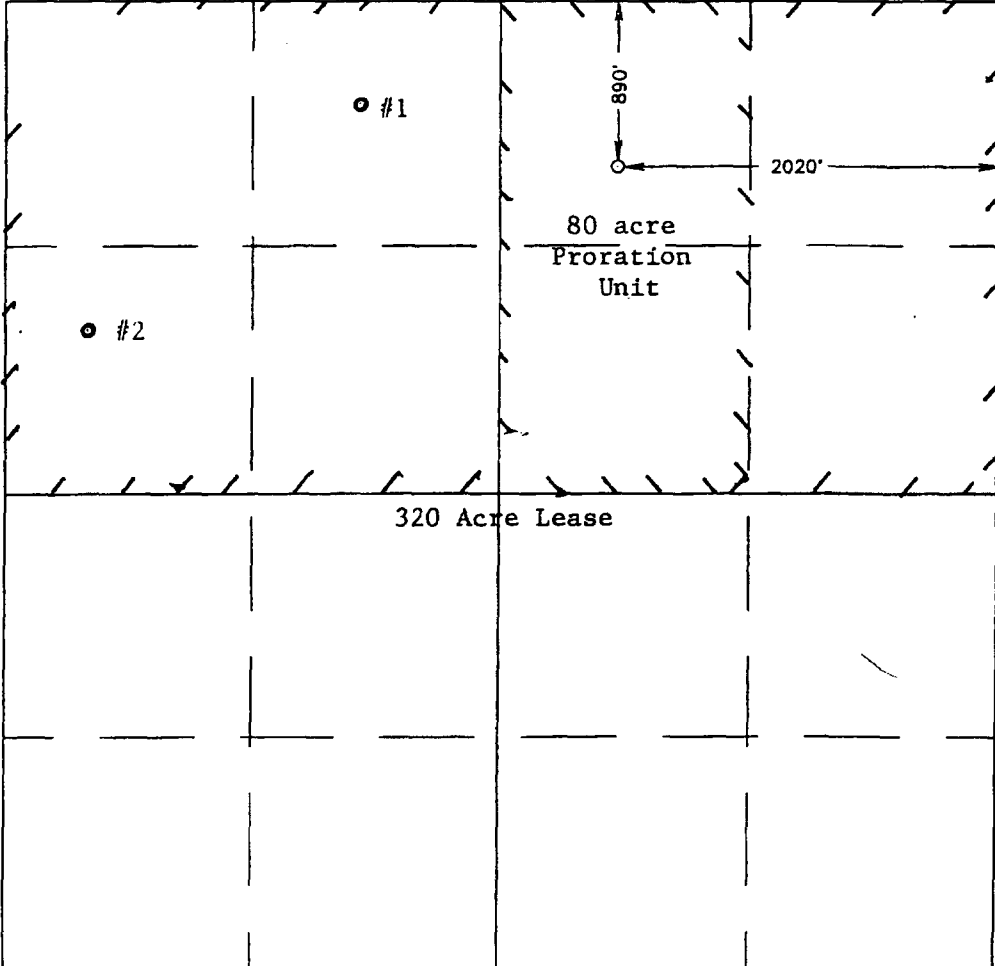
UL or lot No. B	Section 34	Township 18 S	Range 28 E	Lot Idn	Feet from the 890	North/South line NORTH	Feet from the 2020	East/West line EAST	County EDDY
--------------------	---------------	------------------	---------------	---------	----------------------	---------------------------	-----------------------	------------------------	----------------

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 80 - W/2, NE/4	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>Walter J. Ruesch</i> Signature D. R. Hall Printed Name Drilling Superintendent Title 8/31/98 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>JULY 31, 1998</p> <p>Date Surveyed: _____ DMCC Signature &amp; Seal of Professional Surveyor <i>Ronald J. Gibson</i> 9-11-1095 Certificate No. RONALD J. GIBSON 3239 GARY E. GIBSON 12641 RONALD J. GIBSON 12185</p>
--	--

30-015-30395

ORIO 24010

PROP 27094

POO1 59860

3-8-99  
Dun - Comp Neut  
200-9942  
Not GR  
6500-9913  
LH-MCH-GR  
2955-9952

**Oxford**  
ESSEITE

NO. R753 1/3

10%



Geol. Tape per/Bsa

yates 655  
Queen 1760  
San Andres 2536  
Bene Spring 3643  
1st Sand 6333  
2nd Sand 6913  
3rd Sand 8135  
Wp/fcm 8473

cisco 9120  
CANYON 9464  
STRAWN 9672

District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
811 S. 1st Street, Artesia, NM 88210-2834  
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 Department

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

clerk BLM 9/2  
Form C-101  
Revised October 18, 1999  
Instructions on back  
Submit to Appropriate District Office  
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Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

<sup>1</sup> Operator name and Address Marathon Oil Company P.O. Box 552 Midland, TX 79702		<sup>2</sup> OGRID Number 14021
<sup>4</sup> Property Code 23057	<sup>5</sup> Property Name SAMUEL BURNS "34" STATE	<sup>3</sup> API Number 30-015-30325
		<sup>6</sup> Well No. 3

<sup>7</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
8	34	18-S	28-E		890	NORTH	2020	EAST	EDDY

<sup>8</sup> 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
<sup>9</sup> Proposed Pool 1 TRAVIS, UPPER PENNSYLVANIAN									
<sup>10</sup> Proposed Pool 2 59860									

<sup>11</sup> Work Type Code N	<sup>12</sup> Well Type Code O	<sup>13</sup> Cable/Rotary ROTARY	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 3535'
<sup>16</sup> Multiple NO	<sup>17</sup> Proposed Depth 10,100'	<sup>18</sup> Formation U. PENN	<sup>19</sup> Contractor TMBR/SHARP #27	<sup>20</sup> Spud Date 9/15/98

<sup>21</sup> Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17.5"	13.625"	48	425'	470	SURFACE
12.25"	9.625"	36	2,800'	900	SURFACE
8.75"	7.00"	23# 26#	10,100'	1650	+/-2,400'

<sup>22</sup> 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.

PROPOSED BOPE: INTERMEDIATE HOLE - 13-5/8" 5M DUAL RAM, ANNULAR, ROTATING HEAD  
PRODUCTION HOLE: 11" 3M DUAL RAM, ANNULAR, ROTATING HEAD

ALL CASING SHALL BE RUN AND CEMENTED IN ACCORDANCE WITH NMOC RULE #107.  
ALL BOPE SHALL BE INSTALLED AND TESTED ACCORDING TO NMOC RULES #109 & #114.

Post ID-1  
9-4-98  
API & Loc

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Walter Duman</i>		OIL CONSERVATION DIVISION	
Printed name: D. R. HALL		Approved by: <i>Jim W. Burns B60</i>	
Title: DRILLING SUPERINTENDENT		Title: <i>District Supervisor</i>	
		Approval Date: 9-2-98	Expiration Date: 9-2-99

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

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88211-0719

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

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

State of New Mexico  
Energy, Minerals and Natural Resources Department

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Revised February 10, 1994  
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OIL CONSERVATION DIVISION

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

XX AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-30935	Pool Code 59860	Pool Name Travis Upper Pennsylvanian
Property Code 14021	Property Name SAMUEL BURNS	Well Number 3
OGRID No.	Operator Name MARATHON OIL COMPANY	Elevation 3554

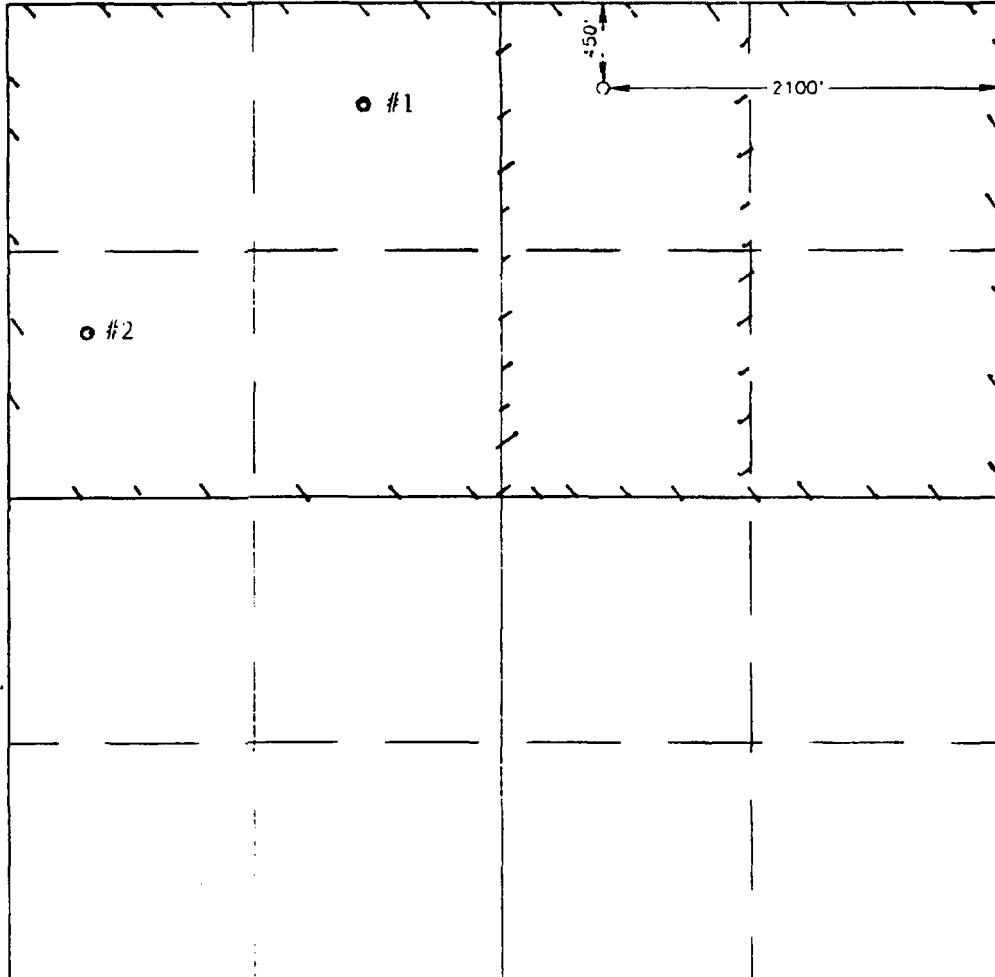
Surface Location

UL or lot No. B	Section 34	Township 18 S	Range 28 E	Lot Idn	Feet from the 450	North/South line NORTH	Feet from the 2100	East/West line EAST	County EDDY
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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 80-W/2, NE/4	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>D. R. Hall</i> Signature D. R. Hall Printed Name Drilling Superintendent Title 10/8/98 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>SEPTEMBER 30, 1998 Date Surveyed DMCC Signature &amp; Seal of Professional Surveyor <i>Ronald J. Edson</i> 98-11-1306 Certificate No. RONALD J. EDSON 3239 GARY BOSCH 12641 MADON' McDONALD 12185</p>
--	---

District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
811 S. 1st Street, Artesia, NM 88210-2834  
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 Department

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

c157  
B6M  
51604  
UP  
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Revised October 18, 199  
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☒ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

<sup>1</sup> Operator name and Address Marathon Oil Company P.O. Box 552 Midland, TX 79702		<sup>2</sup> OGRID Number 14021
<sup>4</sup> Property Code 23057	<sup>5</sup> Property Name SAMUEL BURNS "34" STATE	<sup>3</sup> API Number 30-0 15-30939-295 <sup>6</sup> Well No. 3

<sup>7</sup> 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	34	18-S	28-E		450	NORTH	2100	EAST	EDDY

<sup>8</sup> 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

<sup>9</sup> Proposed Pool 1 TRAVIS, UPPER PENNSYLVANIAN 5986e	<sup>10</sup> Proposed Pool 2
---	-------------------------------

<sup>11</sup> Work Type Code N	<sup>12</sup> Well Type Code O	<sup>13</sup> Cable/Rotary ROTARY	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 3535'
<sup>16</sup> Multiple NO	<sup>17</sup> Proposed Depth 10, 100'	<sup>18</sup> Formation U. PENN.	<sup>19</sup> Contractor TMBR/SHARP #27	<sup>20</sup> Spud Date 9/15/98

<sup>21</sup> Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17.5"	13.625"	48	425'	470	SURFACE
12.25"	9.625"	36	2,800'	900	SURFACE
8.75"	7.00"	23# 26#	10,100'	1650	+/- 2,400'

<sup>22</sup> 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.

PROPOSED BOPE: INTERMEDIATE HOLE - 13-5/8" 5M DUAL RAM, ANNULAR, ROTATING HEAD  
PRODUCTION HOLE: 11" 3M DUAL RAM, ANNULAR, ROTATING HEAD

ALL CASING SHALL BE RUN AND CEMENTED IN ACCORDANCE WITH NMOC RULE #107.  
ALL BOPE SHALL BE INSTALLED AND TESTED ACCORDING TO NMOC RULES #109 & #114.

THIS IS AN AMENDED c-101 FOR A CHANGE IN LOCATION.

Post IP-1  
11-6-98  
Amend Ftg

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Walter J. Duncan*

Printed name: D. R. HALL

Title: DRILLING SUPERINTENDENT

OIL CONSERVATION DIVISION

Approved by: *SUPERVISOR, DISTRICT II* B6X

Title:  
Approval Date: 10-14-98 Expiration Date: 10-14-99

## MARATHON OIL COMPANY

**Burns "34" State # 3**  
**450' FNL & 2100' FEL**  
**Sec. 34, T- 18-S, R-28-E**  
**Eddy County, New Mexico**

MIRU TMBR Sharp, spud 17.5" hole @ 0315 hrs 1/6/99. Drilled to 448'. Ran 10 jts, 13.375", H-40 casing to 443'. Shoe @ 448, insert @ 401'. RU HOWCO, Cemented surface casing W/ 170 sx 35:65:6,2% cacl, wt 12.3, yield - 2.02. Tailed in W/ 200 sx "C" wt- 14.8, yield - 1.34. Bumped plug and circulated 20 sx to pit. WOC 4 hrs, cut casing and installed 13.625" X 13.375" SOW casing head, NU rotating head and TIH w/ 12.25" bit. WOC 10 hrs. Drilled float equip and air drilled formation to 2957'. TD @ 2300 hrs 1/10/99.

Ran 9-5/8" Intermediate casing as follows: 66 jts 36#, K-55 LTC new casing to 2957'. Shoe @ 2956', float collar @ 2909'. Cemented w/1000 sx HOWCO Interfil "C", 5 p.p.s. gilsonite, .25 p.p.s. cello, wt - 11.9 ppg, yield - 2.46. Tailed in w/ 250 sx "C" neat wt - 14.8, yield 1.34. Circulated 260 sx to pit. ND BOPE and set slips w/ 60K. NU 13-5/8" 3M X 11" 3M casing head and tested weld to 1000 psi.

Drilled formation to 9960", TD @ 1630 hrs, 1/24/99.

Logged well as follows: Platform Express/HALS/BHC Sonic/NGT TD - 7,000'. CNL/GR/CAL - surface. Drilled 8.75" hole to 10,040'

Ran 7" production casing as follows: 76 jts, (3207.05') 26#, L-80, 51 jts, (2194.93') 26#, K-55, 103 jts (4638.66') 23# K-55. Shoe @ 10,040', collar @ 9949', DV @ 8499'.

Cemented production casing w/ 325 sx Modified Super H, .4% CFR-3, 5 pps Gilsonite, .5% Halad -344, 2 p.p.s. NACL, Wt - 13.0, Yield - 1.64. Bumped plug, did not circulate cement.

Cemented 2nd stage w/ 660 sx Interfil "C", wt - 11.9, yield - 2.64. Tailed in w/ 100 sx neat. Did not circulate cement. Estimated cement top - 2nd stage - 1750'.

Set slips w/168K, cut 7", ND BOPE. Released rig @ 1130 hrs 1/25/99.

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District Office

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

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

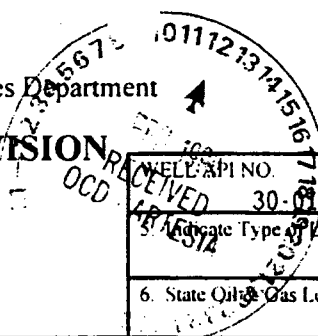
DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 Pacheco St.  
Santa Fe, NM 87505

Form C-103  
Revised 1-1-89



WELL API NO. 30-015-30935  
6. State Oil & Gas Lease No. STATE ☒ FEE ☐

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER	7. Lease Name or Unit Agreement Name BURNS 34 STATE
2. Name of Operator Marathon Oil Company	8. Well No. 3
3. Address of Operator P.O. Box 552, Midland, TX 79702	9. Pool name or Wildcat TRAVIS, UPPER PENN
4. Well Location Unit Letter <u>B</u> <u>450</u> Feet From The <u>NORTH</u> Line and <u>2100</u> Feet From The <u>EAST</u> Line Section <u>34</u> Township <u>18-SOUTH</u> Range <u>28-EAST</u> NMPM LEA County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3535' G.L.	

11 Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐  
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☒ PLUG AND ABANDONMENT ☐  
CASING TEST AND CEMENT JOB ☒  
OTHER: ☐

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

SEE ATTACHED FOR DETAIL

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

SIGNATURE Walter J. Longmire TITLE DRILLING SUPERINTENDENT DATE 2/8/99  
TYPE OR PRINT NAME R. J. LONGMIRE TELEPHONE NO 915/687-8356

(This space for State Use)

APPROVED BY Jim W. Longmire TITLE District Supervisor DATE 2-15-99  
CONDITIONS OF APPROVAL, IF ANY

District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
PO Drawer DD, Artesia, NM 88211-0719  
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 Department

**OIL CONSERVATION DIVISION**  
2040 South Pacheco  
Santa Fe, NM 87505

CIST  
LT  
GT  
CP

Form C-104  
Revised October 18, 1994  
Instructions on back  
Submit to Appropriate District Office  
5 Copies

☐ AMENDED REPORT

**I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT**

<sup>1</sup> Operator name and Address Marathon Oil Company P.O. Box 2490 Hobbs, NM 88240		<sup>2</sup> OGRID Number 014021
		<sup>3</sup> Reason for Filing Code RT Eff 2/5/99
<sup>4</sup> API Number 30-0 30-015-30395	<sup>5</sup> Pool Name Travis; Upper Penn	<sup>6</sup> Pool Code 59860
<sup>7</sup> Property Code 23057	<sup>8</sup> Property Name Samuel Burn 34 State	<sup>9</sup> Well Number 3

**II. <sup>10</sup> 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	34	18S	28E		<del>890</del> 490	North	<del>2020</del> 2100	East	Eddy

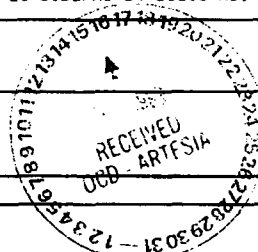
**<sup>11</sup> Bottom Hole Location**

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County

<sup>12</sup> Lse Code State	<sup>13</sup> Producing Method Code Flowing	<sup>14</sup> Gas Connection Date	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date
---------------------------------	--	-----------------------------------	-----------------------------------	------------------------------------	-------------------------------------

**III. Oil and Gas Transporters**

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> POD	<sup>21</sup> O/G	<sup>22</sup> POD ULSTR Location and Description
15694	Navajo Refining PO Box 159 Artesia, NM 88211	2821154	0	UL I, Sec.33, T-18-S, R-28-E Travis Field Battery
0990	ARCO PO Box 1610 Midland, TX 79702	2821597	G	UL C, Sec.34, 5-18-S, R-28-E Meter at S.Burns 34 State No. 1.



Submit 3 Copies  
to Appropriate  
District Office

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-103  
Revised 1-1-89

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

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

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

OIL CONSERVATION DIVISION

2040 Pacheco St.  
Santa Fe, NM 87505

WELL API NO. <b>30-015-30395</b>
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name <b>Samuel Burns 34 State</b>
8. Well No. <b>3</b>
9. Pool name or Wildcat <b>Travis; Upper Penn</b>

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER	
2. Name of Operator <b>Marathon Oil Company</b>	
3. Address of Operator <b>P.O. Box 2490 Hobbs, NM 88240</b>	
4. Well Location Unit Letter <b>B</b> : <b>452</b> Feet From The <b>North</b> Line and <b>2100</b> Feet From The <b>East</b> Line Section <b>34</b> Township <b>18S</b> Range <b>28E</b> NMPM <b>Eddy</b> County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) <b>GL 3535' KB 3553'</b>	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐  
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐  
CASING TEST AND CEMENT JOB ☐  
OTHER: **New Well Completion** ☒

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

- 2/2 MIRU pulling unit. NU BOPE. RIH w/dc's, tag cmt at 8533'. DO DV tool at 8543'. DO to 9954'. Circ clean. Pickle tbg w/1500 gals 15% HCL. PUH to 9908'. spot 1000 gals 15% acid. TOOH. Run logs 8990-9990'.
- 2/5 Perf 9842-54', 9860-70', 9888-96', 9904-08', 4 SPF 120 deg phasing. 136 holes. TIH w/pkr, set at 9744'. ND BOP. NU wellhead. Swab
- 2/10 Acid frac 9842-9908' w/4250 gal pad & 8500 gals 15% acid w/204 BS. Swab back acid. Flow test well.
- 2/13 RD pulling unit.
- 2/20 Place well on rod pump. RIH. rel pkr at 9744'. POOH. POOH w/tbg. RIH w/2 7/8" tbg. RIH w/pump & rods. Load and test, OK.
- 2/23 RD pulling unit.  
SN at 9942'.  
End of tbg 9973'.

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

SIGNATURE Kelly Cook TITLE Records Processor DATE 3/1/99  
TYPE OR PRINT NAME Kelly Cook TELEPHONE NO. 393-7106

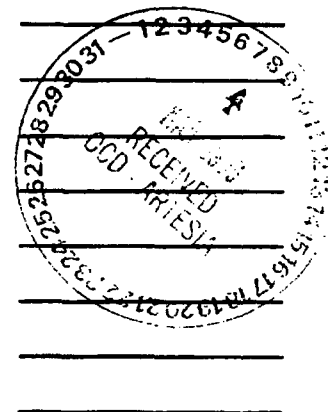
(This space for State Use)

APPROVED BY Jim W. [Signature] DISTRICT SUPERVISOR [Signature] DATE 3-11-99  
CONDITIONS OF APPROVAL, IF ANY:

WELL NAME AND NUMBER Samuel Burns "34" State #3  
 LOCATION Section 34, T-18-S, R-28-E, Eddy County, New Mexico  
 OPERATOR Marathon Oil Co., P.O. Box 552, Midland, Texas 79702  
 DRILLING CONTRACTOR TMBR/Sharp Drilling, Inc., P. O. Drawer 10970, Midland, TX 79702

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results:

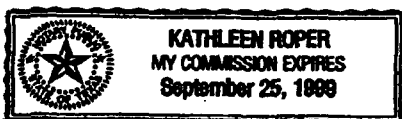
<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
<u>.75 @ 251'</u>	<u>1.75 @ 3,073'</u>	<u>.50 @ 6,834'</u>	<u>4.00 @ 9,577'</u>
<u>.50 @ 854'</u>	<u>1.50 @ 3,332'</u>	<u>.50 @ 7,108'</u>	<u>4.00 @ 9,705'</u>
<u>.75 @ 1,104'</u>	<u>1.50 @ 3,581'</u>	<u>.50 @ 7,335'</u>	<u>3.50 @ 9,831'</u>
<u>.50 @ 1,331'</u>	<u>1.50 @ 3,799'</u>	<u>.75 @ 7,586'</u>	<u>3.75 @ 9,924'</u>
<u>1.00 @ 1,540'</u>	<u>1.50 @ 4,050'</u>	<u>.50 @ 7,836'</u>	<u>2.75 @ 10,016'</u>
<u>1.50 @ 1,768'</u>	<u>2.00 @ 4,300'</u>	<u>.25 @ 8,147'</u>	
<u>1.50 @ 1,830'</u>	<u>1.50 @ 4,555'</u>	<u>.25 @ 8,391'</u>	
<u>1.75 @ 1,958'</u>	<u>1.75 @ 4,831'</u>	<u>1.25 @ 8,641'</u>	
<u>2.00 @ 2,103'</u>	<u>1.25 @ 5,082'</u>	<u>3.00 @ 8,889'</u>	
<u>1.75 @ 2,197'</u>	<u>1.00 @ 5,333'</u>	<u>5.25 @ 9,139'</u>	
<u>1.75 @ 2,333'</u>	<u>.50 @ 5,581'</u>	<u>5.00 @ 9,189'</u>	
<u>1.75 @ 2,489'</u>	<u>.50 @ 5,832'</u>	<u>5.75 @ 9,298'</u>	
<u>1.75 @ 2,666'</u>	<u>.50 @ 6,112'</u>	<u>5.50 @ 9,326'</u>	
<u>1.75 @ 2,791'</u>	<u>.50 @ 6,364'</u>	<u>5.50 @ 9,420'</u>	
<u>2.00 @ 2,927'</u>	<u>.25 @ 6,584'</u>	<u>4.75 @ 9,515'</u>	



Drilling Contractor TMBR/Sharp Drilling, Inc.

By Jeffrey D. Phillips  
 Jeffrey D. Phillips, Vice President

Subscribed and sworn to before me this 27th day of January, 19 99



Kathleen Roper  
 Notary Public Kathleen Roper

Commission expires: 9/25/99

Midland County, Texas

## INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

**INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE**

## Southeastern New Mexico

## Northeastern New Mexico

T. Anhy		T. Canyon	9464'
T. Salt		T. Strawn	9651'
B. Salt		T. Atoka	
T. Yates	655'	T. Miss	
T. 7 Rivers		T. Devonian	
T. Queen	1772'	T. Silurian	
T. Grayburg		T. Montoya	
T. San Andres	2536'	T. Simpson	
T. Glorieta		T. McKee	
T. Paddock		T. Ellenburger	
T. Blinebry		T. Gr. Wash	
T. Tubb		T. Delaware Sand	
T. Drinkard		T. Bone Springs	3700'
T. Abo		T. 1st BSGL Sand	6334'
T. Wolfcamp	8473'	T. 2nd BSGL Sand	6913'
T. Penn		T. 3rd BSGL Sand	8135'
T. Cisco (Bough C)	9120'	T.	

T. Ojo Alamo _____	T. Penn. "B" _____
T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Pictured Cliffs _____	T. Penn. "D" _____
T. Cliff House _____	T. Leadville _____
T. Menefee _____	T. Madison _____
T. Point Lookout _____	T. Elbert _____
T. Mancos _____	T. McCracken _____
T. Gallup _____	T. Ignacio Otzte _____
Base Greenhorn _____	T. Granite _____
T. Dakota _____	T. _____
T. Morrison _____	T. _____
T. Todilto _____	T. _____
T. Entrada _____	T. _____
T. Wingate _____	T. _____
T. Chinle _____	T. _____
T. Permain _____	T. _____
T. Penn "A" _____	T. _____

**OIL OR GAS SANDS OR ZONES**

No. 1, from ..... to .....  
No. 2, from ..... to .....  
No. 3, from ..... to .....  
No. 4, from ..... to .....

## IMPORTANT WATER SANDS

**Include data on rate of water inflow and elevation to which water rose in hole.**

No. 1, from.....to.....feet  
No. 2, from.....to.....feet  
No. 3, from.....to.....feet

**LITHOLOGY RECORD** ( Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology

Submit to Appropriate  
District Office  
State Lease - 6 copies  
Fee Lease - 5 copies  
DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 Pacheco St.  
Santa Fe, NM 87505

CISF  
BLM  
BGM  
SLD

Form C-105  
Revised 1-1-89

WELL API NO. <b>30-015-30395</b>	
5. Indicate Type Of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name <b>Samuel Burns 34 State</b>	
8. Well No. <b>3</b>	
9. Pool name or Wildcat <b>Travis: Upper Penn</b>	
10. Date Spudded <b>1/7/99</b>	
11. Date T.D. Reached <b>1/25/99</b>	
12. Date Compl.(Ready to Prod.) <b>2/5/99</b>	
13. Elevations(DF & RKB, RT, GR, etc.) <b>GL 3535' KB 3553'</b>	
14. Elev. Casinghead	
15. Total Depth <b>10,040'</b>	
16. Plug Back T.D. <b>9990'</b>	
17. If Multiple Compl. How Many Zones?	
18. Intervals Drilled By <b>X</b>	
19. Producing Interval(s), of this completion - Top, Bottom, Name <b>Travis: Upper Penn 9842-9908'</b>	
20. Was Directional Survey Made <b>Yes - See Attached</b>	
21. Type Electric and Other Logs Run <b>Yes - See Attached</b>	
22. Was Well Cored	
23. CASING RECORD (Report all strings set in well)	
24. LINER RECORD	
25. TUBING RECORD	
26. Perforation record (interval, size, and number) <b>9842 - 9908 4 SPF</b>	
27. ACID, SHOT, FRACTURE, CEMENT, SOBBEZE, ETC. DEPTH INTERVAL <b>9842-9908</b> AMOUNT AND KIND MATERIAL USED <b>4250 gals pad, 8500 15% acid w/204 BS</b>	
28. PRODUCTION	
29. Disposition of Gas (Sold, used for fuel, vented, etc.) <b>Sold</b>	
30. List Attachments <b>Deviation Survey, Logs</b>	
31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief	

1a. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>	
b. Type of Completion: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR <input type="checkbox"/> OTHER <input type="checkbox"/>	
2. Name of Operator <b>Marathon Oil Company</b>	
3. Address of Operator <b>P.O. Box 2490 Hobbs, NM 88240</b>	
4. Well Location Unit Letter <b>B</b> : <b>890</b> Feet From The <b>North</b> Line and <b>2020</b> Feet From The <b>East</b> Line Section <b>34</b> Township <b>18S</b> Range <b>28E</b> NMPM <b>Eddy</b> County	
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District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
PO Drawer DD, Artesia, NM 88211-0719  
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 Department

**OIL CONSERVATION DIVISION**  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-104  
Revised October 18, 1994  
Instructions on back  
Submit to Appropriate District Office  
5 Copies

☐ AMENDED REPORT

**I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT**

<sup>1</sup> Operator name and Address Marathon Oil Company P.O. Box 2490 Hobbs, NM 88240		<sup>2</sup> OGRID Number 014021
		<sup>3</sup> Reason for Filing Code NM Eff 2/5/99
<sup>4</sup> API Number 30-0 30-015-30395	<sup>5</sup> Pool Name Travis; Upper Penn	<sup>6</sup> Pool Code 59860
<sup>7</sup> Property Code 23057	<sup>8</sup> Property Name Samuel Burn 34 State	<sup>9</sup> Well Number 3

**II. 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	34	18S	28E		890	North	2020	East	Eddy

**Bottom Hole Location**

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
					490		2100		

<sup>12</sup> Lse Code State	<sup>13</sup> Producing Method Code Pumping	<sup>14</sup> Gas Connection Date 2/15/99	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date
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**III. Oil and Gas Transporters**

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> POD	<sup>21</sup> O/G	<sup>22</sup> POD ULSTR Location and Description
15694	Navajo Refining PO Box 159 Artesia, NM 88211	2821154	0	UL I, Sec.33, T-18-S, R-28-E Travis Field Battery
0990	ARCO PO Box 1610 Midland, TX 79702	2821597	G	UL C, Sec.34, 5-18-S, R-28-E Meter at S.Burns 34 State No. 1.

**IV. Produced Water**

<sup>23</sup> POD 2821156	<sup>24</sup> POD ULSTR Location and Description UL I, Sec. 33, T-28-S, R-28-E Travis Field Battery
------------------------------	--

**V. Well Completion Data**

<sup>25</sup> Spud Date 1/7/99	<sup>26</sup> Ready Date 2/5/99	<sup>27</sup> TD 10,040'	<sup>28</sup> PBTD 9990'	<sup>29</sup> Perforations 9842-9908'	<sup>30</sup> DHC, DC, MC
<sup>31</sup> Hole Size 17 1/2"	<sup>32</sup> Casing & Tubing Size 13 3/8" 48#	<sup>33</sup> Depth Set 448'	<sup>34</sup> Sacks Cement 400 sxs		
12 1/4"	9 5/8" 36#	2957'	1250 sxs		
8 3/4"	7" 26 & 23#	10,040'	1025 sxs		

**VI. Well Test Data**

<sup>35</sup> Date New Oil 2/2/99	<sup>36</sup> Gas Delivery Date 2/15/99	<sup>37</sup> Test Date 2/28/99	<sup>38</sup> Test Length 24	<sup>39</sup> Tbg. Pressure 160	<sup>40</sup> Csg. Pressure 80
<sup>41</sup> Choke Size 120	<sup>42</sup> Oil 72	<sup>43</sup> Water 282	<sup>44</sup> Gas	<sup>45</sup> AOF	<sup>46</sup> Test Method Pumping

<sup>47</sup> I hereby certify that the rules 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:

Printed name:

Kelly Cook

Title:

Records Processor

Date: 3/5/99

Phone: 393-7106

Approved by:

OIL CONSERVATION DIVISION  
ORIGINAL SIGNED BY TIM W. GUM  
DISTRICT II SUPERVISOR

Title:

Approval Date:

3-11-99

<sup>47</sup> If this is a change of operator fill in the OGRID number and name of the previous operator

Previous Operator Signature

Printed Name

Title

Date



**NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT**

**OIL CONSERVATION DIVISION**  
811 South 1<sup>st</sup> Street  
Artesia, New Mexico 88210  
Phone: (505) 748-1283  
Fax: (505) 748-9720

Jennifer A. Salisbury  
CABINET SECRETARY

May 10, 1999

Marathon Oil Company  
P.O. Box 2490  
Hobbs, N.M. 88240

Re: **Well Placed In Pool**

Gentlemen/Madams:

As the result of Division Order R-11172, the following described oil well has been placed in the pool shown below. This change in nomenclature has been made in our files. Please change your records to reflect the proper pool name. All subsequent reports must show this nomenclature until further notice.

**Travis; Upper Pennsylvanian Oil Pool**  
**Samuel Burns '34' State #3**  
**Unit B, Section 34, Township 18 South, Range 28 East, NMPM**  
**Poolcode: 59860**

Transporters are advised by copy of this letter, to change their records to reflect the pool name as established by this order, effective February 1, 1999.

Sincerely,

Bryan Arrant  
District Geologist

Cc: Navajo Refining Company  
ARCO  
Mae  
Santa Fe  
Well file

District I  
162 1/2 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  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Form C-104A  
August 11, 2000

Oil Conservation Division  
2040 South Pacheco  
Santa Fe, NM 87505

Submit 1 copy of the final affected wells  
list along with 2 copies of this form per  
number of wells on that list to  
appropriate District Office

### Change of Operator

#### Previous Operator Information:

#### New Operator Information:

OGRID: 014021  
Name: Marathon Oil Company  
Address: P.O. Box 2490  
Address: 2350 W. Midland  
City, State, Zip: Hobbs, NM 88240

Effective Date: 11/01/00  
New Ogrid: 024010  
New Name: V-F PETROLEUM INC.  
Address: P.O. BOX 1889  
Address: \_\_\_\_\_  
City, State, Zip: MIDLAND, TEXAS 79702

I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information on this form and the attached list of wells is true and complete to the best of my knowledge and belief.

New Operator

Signature: S. K. Lawlis

Printed name: S.K. LAWLIS

Title: VICE PRESIDENT

Date: 12/08/00 Phone: (915) 683-3344



Previous operator complete below:

Previous  
Operator: MARATHON OIL COMPANY  
Previous  
OGRID: 014021  
Signature: Kelly Cook 12/11/00  
Printed  
Name: KELLY COOK, RECORDS PROCESSOR

#### NMOCD Approval

Signature: Jim W. Beem  
Printed  
Name: District Supervisor  
District: \_\_\_\_\_  
Date: JAN 10 2000

27094



BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
COMMISSION OF NEW MEXICO FOR  
THE PURPOSE OF CONSIDERING:

CASE NO. 6072  
Order No. R-5643

NOMENCLATURE

APPLICATION OF HARVEY E. YATES CO.  
FOR POOL CREATION AND SPECIAL POOL  
RULES, EDDY COUNTY, NEW MEXICO.

*Also see*  
*R-5643-A*

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on November 16, 1977, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 14th day of February, 1978, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

- (1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
- (2) That the applicant, Harvey E. Yates Co., seeks the creation of a new oil pool for Upper Pennsylvanian production in Eddy County, New Mexico.
- (3) That the applicant also seeks the promulgation of special rules for said pool, including a provision for 80-acre proration units.
- (4) That the evidence presently available indicates that applicant's Travis Deep Well No. 2, located in Unit G of Section 13, Township 18 South, Range 28 East, Eddy County, New Mexico, has discovered a separate common source of supply which should be designated the Travis-Upper Pennsylvanian Pool; that the vertical limits of said pool should be the Upper Pennsylvanian formation and that the horizontal limits of said pool should be as follows:

TOWNSHIP 18 SOUTH, RANGE 28 EAST, NMPM  
Section 13: NE/4

(5) That in order to prevent the economic loss caused by the drilling of unnecessary wells, to avoid the augmentation of risk arising from the drilling of an excessive number of wells, to prevent reduced recovery which might result from the drilling of too few wells, and to otherwise prevent waste and protect correlative rights, temporary special rules and regulations providing for 80-acre spacing units should be promulgated for the Travis-Upper Pennsylvanian Pool.

(6) That the temporary special rules and regulations should provide for limited well locations in order to assure orderly development of the pool and protect correlative rights.

(7) That the temporary special rules and regulations should be established for a one-year period in order to allow the operators in the subject pool to gather reservoir information to establish the area that can be efficiently and economically drained and developed by one well.

(8) That this case should be reopened at an examiner hearing in March, 1979, at which time the operators in the subject pool should be prepared to appear and show cause why the Travis-Upper Pennsylvanian Pool should not be developed on 40-acre spacing units.

IT IS THEREFORE ORDERED:

(1) That a new pool in Eddy County, New Mexico, classified as an oil pool for Upper Pennsylvanian production, is hereby created and designated the Travis-Upper Pennsylvanian Pool, with vertical limits comprising the Upper Pennsylvanian formation, and horizontal limits comprising the following-described area:

TOWNSHIP 18 SOUTH, RANGE 28 EAST, NMPM  
Section 13: NE/4

(2) That temporary Special Rules and Regulations for the Travis-Upper Pennsylvanian Pool, Eddy County, New Mexico, are hereby promulgated as follows:

SPECIAL RULES AND REGULATIONS  
FOR THE  
TRAVIS-UPPER PENNSYLVANIAN POOL

RULE 1. Each well completed or recompleted in the Travis-Upper Pennsylvanian Pool or in the Upper Pennsylvanian formation within one mile thereof, and not nearer to or within the limits of another designated Upper Pennsylvanian oil pool, shall be spaced, drilled, operated, and produced in accordance with the Special Rules and Regulations hereinafter set forth.

RULE 2. Each well shall be located on a standard unit containing 80 acres, more or less, consisting of the N/2, S/2, E/2, or W/2 of a governmental quarter section; provided however,

that nothing contained herein shall be construed as prohibiting the drilling of a well on each of the quarter-quarter sections in the unit.

RULE 3. The Secretary-Director of the Commission may grant an exception to the requirements of Rule 2 without notice and hearing when an application has been filed for a non-standard unit comprising a governmental quarter-quarter section or lot, or the unorthodox size or shape of the tract is due to a variation in the legal subdivision of the United States Public Land Surveys. All operators offsetting the proposed non-standard unit shall be notified of the application by registered or certified mail, and the application shall state that such notice has been furnished. The Secretary-Director may approve the application upon receipt of written waivers from all offset operators or if no offset operator has entered an objection to the formation of the non-standard unit within 30 days after the Secretary-Director has received the application.

RULE 4. Each well shall be located within 150 feet of the center of a governmental quarter-quarter section or lot.

RULE 5. The Secretary-Director may grant an exception to the requirements of Rule 4 without notice and hearing when an application has been filed for an unorthodox location necessitated by topographical conditions or the recompletion of a well previously drilled to another horizon. All operators offsetting the proposed location shall be notified of the application by registered or certified mail, and the application shall state that such notice has been furnished. The Secretary-Director may approve the application upon receipt of written waivers from all operators offsetting the proposed location or if no objection to the unorthodox location has been entered within 20 days after the Secretary-Director has received the application.

RULE 6. Top unit allowable for a standard proration unit (79 through 81 acres) shall be based on a depth bracket allowable of 355 barrels per day, and in the event there is more than one well on an 80-acre proration unit, the operator may produce the allowable assigned to the unit from the wells on the unit in any proportion.

The allowable assigned to a non-standard proration unit shall bear the same ratio to a standard allowable as the acreage in such non-standard unit bears to 80 acres.

IT IS FURTHER ORDERED:

(1) That the locations of all wells presently drilling to or completed in the Travis-Upper Pennsylvanian Pool or in the Upper Pennsylvanian formation within one mile thereof are hereby approved; that the operator of any well having an unorthodox location shall notify the Artesia District office of the Commission in writing of the name and location of the well on or before April 1, 1978.

Case No. 6072  
Order No. R-5643

(2) That, pursuant to Paragraph A. of Section 65-3-14.5, NMSA 1953, contained in Chapter 271, Laws of 1969, existing wells in the Travis-Upper Pennsylvanian Pool shall have dedicated thereto 80 acres in accordance with the foregoing pool rules; or, pursuant to Paragraph C. of said Section 65-3-14.5, existing wells may have non-standard spacing or proration units established by the Commission and dedicated thereto.

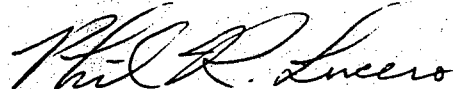
Failure to file new Forms C-102 with the Commission dedicating 80 acres to a well or to obtain a non-standard unit approved by the Commission within 60 days from the date of this order shall subject the well to cancellation of allowable. Until said Form C-102 has been filed or until a non-standard unit has been approved, and subject to said 60-day limitation, each well presently drilling to or completed in the Travis-Upper Pennsylvanian Pool or in the Upper Pennsylvanian formation within one mile thereof shall receive no more than one-half of a standard allowable for the pool.

(3) That this case shall be reopened at an examiner hearing in March, 1979, at which time the operators in the subject pool should be prepared to appear and show cause why the Travis-Upper Pennsylvanian Pool should not be developed on 40-acre spacing units.

(4) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION



PHIL R. LUCERO, Chairman

EMERY C. ARNOLD, Member



JOE D. RAMEY, Member & Secretary

S E A L

jr/

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
DIVISION FOR THE PURPOSE OF  
CONSIDERING:

CASE NO. 6072 (Reopened)  
Order No. R-5643-A

IN THE MATTER OF CASE 6072 BEING  
REOPENED PURSUANT TO THE PROVISIONS OF  
ORDER NO. R-5643, WHICH ORDER ESTABLISHED  
SPECIAL RULES AND REGULATIONS FOR THE  
TRAVIS-UPPER PENNSYLVANIAN POOL, EDDY  
COUNTY, NEW MEXICO, INCLUDING A PROVISION  
FOR 80-ACRE PRORATION UNITS.

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 9 a.m. on April 25, 1979, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 2nd day of May, 1979, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.

(2) That by Order No. R-5643, dated February 14, 1978, temporary special rules and regulations were promulgated for the Travis-Upper Pennsylvanian Pool, Eddy County, New Mexico, establishing temporary 80-acre spacing units.

(3) That pursuant to the provisions of Order No. R-5643, this case was reopened to allow the operators in the subject pool to appear and show cause why the Travis-Upper Pennsylvanian Pool should not be developed on 40-acre spacing units.

Case No. 6072 (Reopened)  
Order No. R-5643-A

(4) That while the evidence presented establishes that one well in the Travis-Upper Pennsylvanian Pool can drain and develop 80 acres, the evidence demonstrated that normal methods of operation will result in a relatively low rate of recovery from said pool.

(5) That the operators in said Travis-Upper Pennsylvanian Pool should prepare a plan for pool development which will result in the greater ultimate recovery therefrom and present such plan to the Director of the Division within 12 months after the date of this order.

(6) That upon the failure of the operators to present such plan to the Director, or if the Director determines such plan to be inadequate, this case should be reopened to allow the operators in the subject pool to appear and show cause why the Travis-Upper Pennsylvanian Pool should not be developed on 40-acre spacing units.

(7) That under the conditions set out in Findings Nos. (5) and (6) above, the Special Rules and Regulations promulgated by Order No. R-5643 have afforded and will afford to the owner of each property in the pool the opportunity to produce his just and equitable share of the gas in the pool.

(8) That in order to prevent the economic loss caused by the drilling of unnecessary wells, to avoid the augmentation of risk arising from the drilling of an excessive number of wells, to prevent reduced recovery which might result from the drilling of too few wells, and to otherwise prevent waste and protect correlative rights, the Special Rules and Regulations promulgated by Order No. R-5643 should be continued in full force and effect until further order of the Division.

IT IS THEREFORE ORDERED:

(1) That the Special Rules and Regulations governing the Travis-Upper Pennsylvanian Pool, Eddy County, New Mexico, promulgated by Order No. R-5643, are hereby continued in full force and effect until further order of the Division.

(2) That the operators in said Travis-Upper Pennsylvanian Pool shall prepare a plan for pool development which will result in the greater ultimate recovery therefrom and present such plan to the Director of the Division within 12 months after the date of this order.

-3-

Case No. 6072 (Reopened)

Order No. R-5643-A

(3) That upon the failure of the operators to present such plan to the Director, or if the Director determines such plan to be inadequate, this case shall be reopened to allow the operators in the subject pool to appear and show cause why the Travis-Upper Pennsylvanian Pool should not be developed on 40-acre spacing units.

(4) That jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION



JOE D. RAMEY,  
Director

S E A L

dr/

STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
DIVISION FOR THE PURPOSE OF  
CONSIDERING:

NOMENCLATURE  
CASE NO. 11964  
ORDER NO. R-5643-B

APPLICATION OF MARATHON OIL COMPANY TO AMEND THE SPECIAL  
RULES AND REGULATIONS FOR THE TRAVIS-UPPER PENNSYLVANIAN  
POOL, EDDY COUNTY, NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This case came on for hearing at 8:15 a.m. on April 16, 1998 at Santa Fe, New Mexico, before Examiner Michael E. Stogner.

NOW, on this 4th day of June, 1998, the Division Director, having considered the testimony, the record and the recommendations of the Examiner,

FINDS THAT:

(1) Due public notice has been given and the Division has jurisdiction of this case and its subject matter.

(2) By Order No. R-5643, dated February 14, 1978, the Division, upon application of Harvey E. Yates Company:

- (a) created and defined the Travis-Upper Pennsylvanian Pool for the production of oil from the upper Pennsylvanian system (Cisco and Canyon formations) with horizontal limits initially comprising the NE/4 of Section 13, Township 18 South, Range 28 East, NMPM, Eddy County, New Mexico;

- (b) promulgated temporary special rules and regulations therefor including provisions for:
  - (i) standard 80-acre oil spacing and proration units; and,
  - (ii) designated well location requirements such that each well is to be located within 150 feet of the center of a governmental quarter-quarter section or lot; and,
- (c) pursuant to Rules 505 and 506 of the Division's statewide Rules and Regulations, assigned a standard 80-acre oil spacing and proration unit within the Travis-Upper Pennsylvanian Pool a top unit depth bracket allowable of 355 barrels of oil per day and a limiting gas/oil ratio ("GOR") of 2,000 cubic feet of gas per barrel of oil which results in a casinghead gas allowable of 710 MCF per day.

(3) Division Order No. R-5643-A, dated May 2, 1979, made permanent the temporary "*Special Pool Rules for the Travis-Upper Pennsylvanian Pool.*"

(4) The current pool boundaries for the Travis-Upper Pennsylvanian Pool in Eddy County, New Mexico, include the following described acreage:

**TOWNSHIP 18 SOUTH, RANGE 28 EAST, NMPM**

Section 12:	S/2 SE/4
Section 13:	N/2 and N/2 S/2
Section 14:	SE/4
Section 23:	N/2 and SW/4.

(5) At this time the applicant, Marathon Oil Company ("Marathon"), seeks the adoption of a new rule for the Travis-Upper Pennsylvanian Pool increasing the limiting gas/oil ratio from 2,000 to 7,000 cubic feet of gas per barrel of oil resulting in an increased casinghead gas allowable of 2,485 MCF per day and the amendment of Rule 4 of the "*Special Rules and Regulations for the Travis-Upper Pennsylvanian Pool*" to provide for well locations not closer than 330 feet to any outer boundary of a governmental quarter-

quarter section.

(6) In 1997, Marathon drilled the following two wells originally intended as Morrow formation gas wells but subsequently recompleted up-hole into the Upper-Pennsylvanian interval in February 1998:

- (a) Crockett "27" Well No 1 (API No. 30-015-29837), located 1650 feet from the South line and 1980 feet from the West line (Unit K) Section 27, Township 18 South, Range 28 East, NMPM, Eddy County, New Mexico; and,
- (b) Buchanan "33" Well No 1 (API No. 30-015-29890), located 2000 feet from the South line and 660 feet from the East line (Unit I) Section 33, Township 18 South, Range 28 East, NMPM, Eddy County, New Mexico.

(7) Within the Travis Upper-Pennsylvanian Pool there are currently five active producing oil wells located in Sections 14 and 23 of Township 18 South, Range 28 East, NMPM, Eddy County, New Mexico.

(8) Marathon presented geologic evidence which demonstrates that:

- (a) oil production from all of the wells in this pool including the recently drilled Buchanan and Crockett wells can be attributed to the Canyon formation of the Upper-Pennsylvanian system;
- (b) the Canyon formation in this general area is a relatively thin northeast-southwest trending, laterally continuous carbonate development, composed of interconnected algal limestone buildups;
- (c) the Crockett and Buchanan wells are part of the same common source of supply as the wells within the current pool boundary of the Travis-Upper Pennsylvanian Pool;

- (d) in order to provide the greatest opportunity to maximize efficient recovery of hydrocarbons from this structure and to avoid waste, future wells should be located at the point of greatest porosity thickness; and,
- (e) Rule 4 of the special pool rules, which currently provides for well locations within 150 feet of the center of a governmental quarter-quarter line, should be amended so that additional flexibility is provided operators by allowing wells to be located not closer than 330 feet to the outer boundary of any governmental quarter-quarter section.

(9) The following technical and engineering evidence was presented by Marathon:

- (a) from step rate tests and variable producing rate tests conducted on the Crockett "27" Well No. 1 and the Buchanan "33" Well No. 1, the most efficient rate of flow is at a GOR of approximately 7,000 cubic feet of gas per barrel of oil produced and attempts to restrict these wells to the statewide 2,000 cubic feet of gas to one barrel of oil limiting GOR adversely impacts each well's ability to maximize oil production and therefore is wasteful;
- (b) pressure build up analysis conducted on the two Marathon wells establishes a radius of investigation of not less than 1600 feet for the Buchanan Well and not less than 2,000 feet for the Crockett Well, which demonstrates that these two wells have good permeability and the ability to produce the hydrocarbons underlying an 80-acre proration and spacing unit;
- (c) production logs for the two Marathon wells establish that both the oil and gas production is being produced from the same set of perforations, which

indicates that a gas cap does not exist in this pool; and

- (d) the Buchanan and Crockett wells had an initial reservoir pressure between 2319 psi and 2420 psi, which indicates some degree of pressure communication with the older wells in this pool.

(10) In accordance with Division Rule 1207, Marathon provided proper notice to all entitled parties. Ocean Energy, Inc. (formerly UMC Petroleum Corporation) appeared at the hearing through counsel in support of Marathon's application. Moreover, no other interested party appeared in opposition to this application.

(11) The geological and engineering evidence presented demonstrates that:

- (a) the pool is a solution gas drive reservoir with wells capable of producing at high GOR rates;
- (b) there is no indication that a gas cap exists or is being formed up-structure to the oil wells; and
- (c) more hydrocarbon liquids were recovered per cubic feet of gas produced at a GOR rate up to 7,000 to one thereby preventing waste and potentially improving ultimate recovery.

(12) The Travis-Upper Pennsylvanian Pool should therefore be extended to include the following described acreage in Eddy County, New Mexico:

**TOWNSHIP 18 SOUTH, RANGE 28 EAST, NMPM**

Section 22:	SE/4
Section 27:	N/2 and SW/4
Section 33:	E/2
Section 34:	NW/4.

(13) In order to avoid shutting in or curtailing any well in the Pool as a result of allowables under the statewide rules, which are inappropriate in this case, the effective date of this order should be made retroactive to February 1, 1998.

(14) Approval of Marathon's request will allow all mineral interest owners

Nomenclature

Case No. 11964

Order No. R-5643-B

Page 6

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within the Travis-Upper Pennsylvanian Pool the opportunity to economically recover their fair share of the oil and casinghead gas, will not reduce ultimate recovery from the subject pool, and will not violate correlative rights.

**IT IS THEREFORE ORDERED THAT:**

- (1) The effective date of this order shall be retroactive to February 1, 1998.
- (2) The Travis-Upper Pennsylvanian Pool in Eddy County, New Mexico, is extended to include:

**TOWNSHIP 18 SOUTH, RANGE 28 EAST, NMPM**

Section 22:	SE/4
Section 27:	N/2 and SW/4
Section 33:	E/2
Section 34:	NW/4.

- (3) Rule 4 of the "*Special Rules and Regulations for the Travis-Upper Pennsylvanian Pool*," as promulgated by Division Order No. R-5643, as amended, is hereby amended to read in its entirety as follows:

**RULE 4:** Each well shall be located no closer than 330 feet to the outer boundary of any quarter-quarter section or lot.

**IT IS FURTHER ORDERED THAT:**

- (4) The special rules and regulations governing the Travis-Upper Pennsylvanian Pool contained in Division Order No. R-5643, as amended, are hereby amended further by the insertion of Rule 7 as follows:

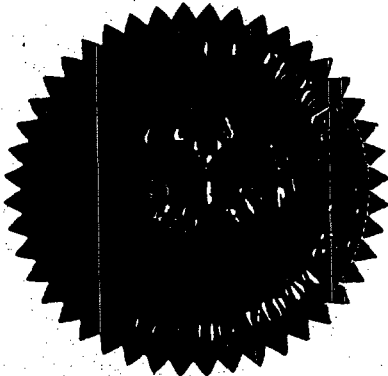
**RULE 7:** The limiting gas-oil ratio for the Travis-Upper Pennsylvanian Pool is 7,000 cubic feet of gas for each barrel of oil.

- (5) Jurisdiction is hereby retained for the entry of such further orders as the Division may deem necessary.

Nomenclature  
Case No. 11964  
Order No. R-5643-B  
Page 7

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DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.



SEAL

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

*Lori Wrotenbery*  
LORI WROTENBERY  
Director