

marbob
energy corporation

OIL CONSERVATION DIVISION
RECEIVED

'90 JUL 5 AM 9 52

June 3, 1990

Oil Conservation Division
P.O. Box 2088
Santa Fe, New Mexico

Attention: David Cattanach

RE: Downhole Commingling
Petrus D State No. 4
Lease No. 2516-B
SE/4 NE/4, Sec. 11,
T-17S, R-33E N.M.P.M.
Lea County, New Mexico

33 E
JHM
Disc. with
D. Martin
8-1-90

Gentlemen:

Marbob Energy Corporation respectfully requests an administrative exception to Rule 303-C for downhole commingling of production of two currently segregated zones on the above referenced well. This well is currently producing from the Sanmal Queen pool. The well was originally drilled to a depth of 4,700 feet with 5 1/2 inch casing set from surface to 4,700 feet. The Grayburg formation was perfed and acidized at 4,584-88 and 4592-96 with a show of oil. A cast iron plug was set at 4,500 feet and the Queen formation was perfed and acidized at 3760-70 feet, and is currently being produced. Marbob Energy Corporation owns 100% of the working interest and the Commissioner of Public Lands has a 12.5% royalty interest in both pools. Also, the Petrus D state No. 2 well located in Unit Letter L, Section 11, T-17S, R-33E has already been approved for down hole commingling and the entire lease has been approved for surface commingling of the Sanmal Queen and Maljamar Grayburg San Andres formations.

Please find the following attachments in support of our request:

1. Application for administrative approval of Rule 303-C
2. Plat of the Petrus State No. 4 well
3. C-115's
4. Gas-oil ratio test C-116

5. Completion report
6. Commissioner of Public Lands consent
7. Notice to offset operators

Thank you for considering this request. If you should need any further information, please do not hesitate to call me. I look forward to your decision.

Sincerely,



David Martin
Land Department

DM/dr

Enclosures

cc: Commissioner of Public Lands
P.O. Box 1148
Santa Fe, New Mexico 87504

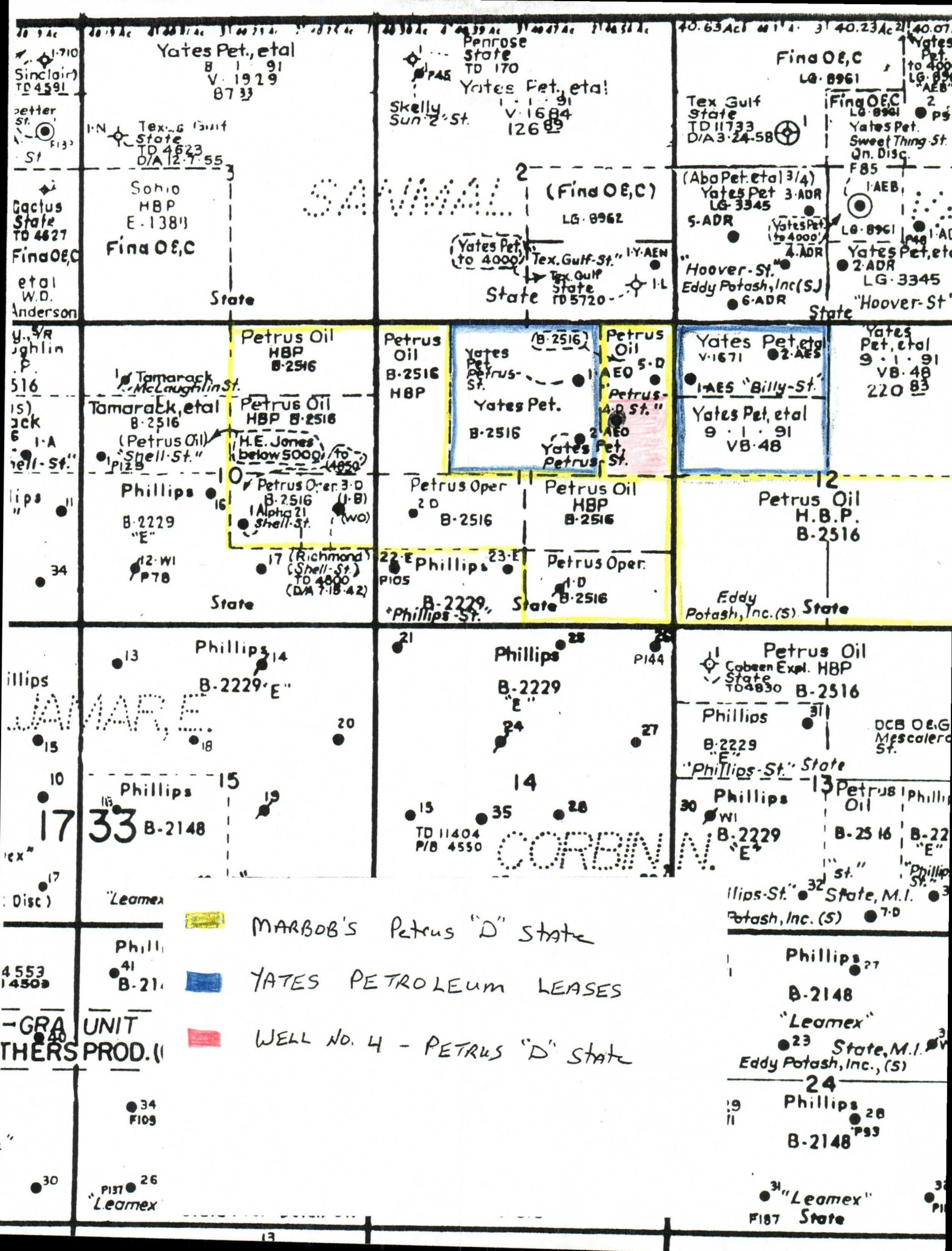
Oil Conservation Division
Jerry Sexton
P.O.Box 1980
Hobbs, NM 88240

APPLICATION FOR ADMINISTRATIVE APPROVAL OF RULE 303-C

- A. Operator: Marbob Energy Corporation
P.O. Drawer 217
Artesia, NM 88210
Phone: 505/748-3303
- B. Lease: Petrus D State
No. 2516-B
Unit letter H, 1650' FWL and 990' FEL
Section 11, T-17S, R-33E
- C. Pools to
Commingle: Sanmal Queen
Maljamar Grayburg San Andres
- D. Estimated Sanmal Queen - 1300 psi
BHP: Maljamar Grbrg San Andres - 1000 psi
- E. Fluids: Produced fluids are compatible
Oil Gravities average 35.4 deg. API
- F. Value:
- | | | |
|------------------|------------------|------------------|
| Queen | 15 BOPD X | 15.00/BBL |
| Grbrg San Andres | 3 BOPD X | 15.00/BBL |
| | <u>18 BOPD X</u> | <u>15.00/BBL</u> |

The gravity for each type of oil varies by less than 1/2 a degree so the price received is almost identical for both formations. Therefore, the value of the combined production will be the same as the sum of the individual production.

- G. Allocation: Production from the two zones will be allocated based on the established production rate for the Sanmal Queen (15 BOPD, 10 MCFD) and a test of the Maljamar Grayburg San Andres formation which should yield 3 BOPD and 8 MCFD.
- H. Notifications: Yates Petroleum Corporation has been sent a certified return-receipt letter notifying them of Marbob's desire to downhole commingle two zones. The letter was mailed July 3, 1990.



MARBOB ENERGY CORPORATION
PETRUS STATE D4
SEC 11 T17S R33E 1650FNL 990FEL

=====

WELL HISTORY

=====

PBTD: 4673'

TD: 4700'

SP Csg: 8 5/8" 24# @ 1496' C/w 600sx Halli Lite w/1/4# celloflakes
w/2% CaCl. w/200sx Class C w/2% CaCl. (CIRC 100sx)

LS Csg: 5 1/2" 17# @ 4700' C/w 675sx light w/15# salt sx & 1/4# sx
flocele. tail w/450sx Class C w/3# salt. (CIRC CMT)

T SALT:

B SALT:

PERFS: 4584-88,4592-96.

=====

COMPLETION REPORT

=====

2-1-88 Ran in hole w/ bit and scrapper to 4673'. Circ 2% KCL wtr.

2-2-88 Perfed csg at 4584-88,4592-96. Acidized perfs w/1000 gals 15%
NE double inhibited acid. Start flow back to test tank. Rec
16 bbls. RU swab line. Rec 15 bbls 10% oil cut, total 31 bbls.
Rec 9 bbls 80% oil cut, total 40 bbls rec 1 bbls 80% cut, total
41 bbls. Swab dry. Wait 1 hr. Had 1100' of fluid entry. Rec
4 bbls 90% oil cut, Total 45 bbls. Load to rec 31 bbls.

2-3-88 400# on tubing. Bled to 0# in 3 min. TIH w/swb. FL @ 2500'
Swab to SN in 3 runs, 95% oil cut, Last run 7% oil. TIH w/swb
Fl @ 300' 50% oil cut. TIH w/swb 300' fluid entry. Wtr sample
50-60% form wtr and 40-50% load wtr, oil gravity 34 AP @ 60
Swab on 1 hr intervals +/- 150' fluid entry on each run w/60%
oil cut. Total 13 swb runs, rec 15 BF=10.5 BO, 4.5 BW.

2-5-88 Tubing pressure 450#. Bled to 0 in 4 min. FL at 2800' Swb dn
in 2 runs 100% oil. Rel pkr. POOH. Set CIBP @ 4550'. Perfed csg
at 3760-80. Ran in hole w/ Pkr to 3710'.

2-6-88 Acidized perfs 3760-80 w/2000 gals 7.5% NEFE acid. Rigged up
swab. swab to 3650' in 4 runs. Wait 30 min, 300' fluid entry
w/tr of oil cut. wait 30 min, no entry. Rel pkr. POOH w/tbg.

Frac perfs 3760-80 w/19550 gals 30# x-link gel w/15% CO2
w/15000# 20/40 & 30000# 12/20 sand. Screened out.

2-7-88 Flow back frac.

2-8-88 Ran in hole w/2 3/8". Landed tbg at 3658'. Ran rods and pump.

2-26-88 Pump 122 BOPD no wtr

3-24-88 Pump 93 BOPD

4-24-88 Pump 63 BOPD

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OPERATOR'S MONTHLY REPORT

OIL CONSERVATION DIVISION

P.O. BOX 2088

SANTA FE, NEW MEXICO 87501

(Company or Operator)

(Address)

P.O. DRAWER 217 ARTESIA, NM

88210-023 Month JANUARY 1990

Page 35 of

POOL NAME (Underline)		INJECTION		TOTAL LIQUIDS PRODUCED			DISPOSITION OF GAS		DISPOSITION OF OIL										
WELL NO	UNIT SEC TWP RNG	VOLUME	PRESS.	MONTHLY OIL ALLOWABLE	ACTUAL BARRELS PRODUCED	BARRELS OF WATER PRODUCED	GAS PRODUCED (MCF)	DAYS PROD.	SOLD	TRANS. PORTER	OTHER	C O D E	OIL ON HAND AT BEG. OF MONTH	BARRELS TO TRANS. PORTER	TRANS. PORTER	OTHER	C O D E	OIL ON HAND AT END OF MONTH	
LEASE NAME - Include State Land Lease Number or Federal Lease Number																			
HILLMAN SEVEN RIVERS EAST (cont'd)																			
FEATHERSTONE-WELCH FEDERAL LC064670-B (cont'd)																			
TERRY TOTAL :																			
MALJANAR, GREG SAN ANDRES																			
PETRUS "D" STATE 2516-B																			
1	0 11 17S 33E			153	16	0	248	31	224	PP			110	0	NRC				140
2	L 11 17S 33E			16	16	0	190			PP									
3	I 10 17S 33E			183	0	0	248			PP									
7	0 13 17S 33E			92	56	71				WAR									
SARAH QUEEN																			
PETRUS "D" STATE 2516-B																			
2	L 11 17S 33E			16	16	0	761	31	757	PP									
4	H 11 17S 33E			457	0	0	320			WAR									
7	A 11 17S 33E			396	95	302				WAR									
BATTERY TOTAL :																			
EMPIRE VATES SEVEN RIVERS																			
BERRY A FEDERAL 2905527-A																			
5	A 24 17S 27E			1433	183	2140	1383	31	2140				654	1724	NRC			346	

DISTRIBUTION		STATUS CODE		"OTHER" GAS DISPOSITION CODE		"OTHER" OIL DISPOSITION CODE		I HEREBY CERTIFY THAT THE INFORMATION GIVEN IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE	
ORIGINAL TO OCC SANTA FE	ONE COPY TO OCC DIST. OFFICE	F... FLOWING	P... PUMPING	X... USED OFF LEASE	D... GAS FOR DRILLING	C... CIRCULATING OIL	L... LOST	S... SEDIMENTATION (BSCW)	E... EXPLANATION ATTACHED
ONE COPY TO TRANSPORTER(S) <td></td> <td>G... GAS LIFT <td>S... SHUT IN <td>D... GAS LIFT <td>L... LOST (MCF ESTIMATED) <th colspan="4" rowspan="2"> PHONDA NELSON PRODUCTION CLERK </th> </td></td></td></td>		G... GAS LIFT <td>S... SHUT IN <td>D... GAS LIFT <td>L... LOST (MCF ESTIMATED) <th colspan="4" rowspan="2"> PHONDA NELSON PRODUCTION CLERK </th> </td></td></td>	S... SHUT IN <td>D... GAS LIFT <td>L... LOST (MCF ESTIMATED) <th colspan="4" rowspan="2"> PHONDA NELSON PRODUCTION CLERK </th> </td></td>	D... GAS LIFT <td>L... LOST (MCF ESTIMATED) <th colspan="4" rowspan="2"> PHONDA NELSON PRODUCTION CLERK </th> </td>	L... LOST (MCF ESTIMATED) <th colspan="4" rowspan="2"> PHONDA NELSON PRODUCTION CLERK </th>	PHONDA NELSON PRODUCTION CLERK			
		T... TEMP ABANDONED <td>I... INJECTION <td>R... REPRESSURING OR <td>VERTED </td></td></td>	I... INJECTION <td>R... REPRESSURING OR <td>VERTED </td></td>	R... REPRESSURING OR <td>VERTED </td>	VERTED				
Form C-115 Revised 10-1-78								NAME PHONDA NELSON FEB 28 1990	

(Company or Operator) HARBOE ENERGY CORP.

(Address) P.O. DRAWER 217 ARTESIA, NM

(Zip) 88210-021

For (Month, Year) FEBRUARY 1990

Page 35 of 39

POOL NAME (Underline)				WELL STATUS		INJECTION		TOTAL LIQUIDS PRODUCED			GAS PRODUCED (MCF)		DISPOSITION OF GAS		DISPOSITION OF OIL		
WELL NO	UNIT	SEC	TWP	RNG		VOLUME	PRESS.	MONTHLY OIL ALLOWABLE	ACTUAL BARRELS PRODUCED	BARRELS OF WATER PRODUCED			SOLD	TRANS. PORTER	BARRELS TO TRANS. PORTER	OIL ON HAND AT BEG. OF MONTH	OIL ON HAND AT END OF MONTH
LEASE NAME - Include State Land Lease Number or Federal Lease Number																	
MILLMAN SEVEN RIVERS EAST (Cont'd)																	
FEATHERSTONE-WELCH FEDERAL LC044670-B (Cont'd)																	
BATTERY TOTAL :																	
MALJAHAR GREGG SAN ANDRES																	
PETRUS "D" STATE 2516-B																	
1	0	11	17S	33E	P				151	0	207			PP			
2	L	11	17S	33E	P			75	5	159			PP				
3	I	10	17S	33E	P			181	0	207			PP				
7	0	13	17S	33E	P			90	19	42			WAR			140	211
BATTERY TOTAL :																	
SANTAL QUEEN																	
PETRUS "D" STATE 2516-B																	
2-L	L	11	17S	33E	P			497	24	615	28	615					
4	H	11	17S	33E	P			75	5	637			PP				
5	A	11	17S	33E	P			452	0	308			WAR				
					P			391	32	291			WAR				
BATTERY TOTAL :																	
EMPIRE VATES SEVEN RIVERS																	
					P			918	37	1236	28	1236					
BATTERY TOTAL :																	
					P			1415	61	1851	28	1851			1389	366	392
BERRY A FEDERAL 2902527-A																	
5	A	24	17S	27E	P				3	54	0						

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 ONE COPY TO TRANSPORTER(S)

STATUS CODE
 F FLOWING
 P PUMPING
 G GAS LIFT
 S SHUT IN
 T TEMP ABANDONED
 I INJECTION
 D DISCONTINUED

"OTHER" GAS DISPOSITION CODE
 X USED OFF LEASE
 D USED FOR DRILLING
 G GAS LIFT
 L LOSS (INCE ESTIMATED)
 E EXPLANATION ATTACHED
 R REPRESSURING OR
 V VENTED
 U USED ON LEASE

"OTHER" OIL DISPOSITION CODE
 C CIRCULATING OIL
 L LOST
 S SEDIMENTATION (BSCW)
 E EXPLANATION ATTACHED

I HEREBY CERTIFY THAT THE INFORMATION GIVEN IS TRUE
 AND COMPLETE TO THE BEST OF MY KNOWLEDGE
 Rhonda Nelson

RHONDA NELSON NAME
 PRODUCTION CLERK

MAR 26 1990
 POSITION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OPERATOR'S MONTHLY REPORT

OIL CONSERVATION DIVISION

(Company or Operator) **HARBOR ENERGY CORP.** (Address) **P.O. DRAWER 217 ARTESIA, NM** (Zip) **88210-0200** Month, **MARCH** Year, **1990** Page **35** of **35**

POOL NAME (Underline)					WELL STATUS		INJECTION		TOTAL LIQUIDS PRODUCED			GAS PRODUCED (MCF)	DAYS PROD.	DISPOSITION OF GAS			DISPOSITION OF OIL				
WELL NO	UNIT	SEC	TWP	RNG		VOLUME	PRESS.	MONTHLY OIL ALLOWABLE	ACTUAL BARRELS PRODUCED	BARRELS OF WATER PRODUCED	SOLD			TRANS. PORTER	OTHER	C O D E	OIL ON HAND AT BEG. OF MONTH	BARRELS TO TRANS. PORTER	TRANS. PORTER	OTHER	C O D E
LEASE NAME - Include State Land Lease Number or Federal Lease Number																					
<u>WILLMAN SEVEN RIVERS EAST (CONT'D)</u>																					
<u>FEATHERSTONE-WELCH FEDERAL L0064670-B (CONT'D)</u>																					
BATTERY TOTAL :																					
<u>MALJAHAR GREGG SAN ANDRES</u>																					
PETRUS "D" STATE 2516-B																					
1	0	11	17S	33E	P				136	0		369	31			211	265	NRC			26
2	L	11	17S	33E	P				67	42		PP									
3	I	10	17S	33E	P				162	0		PP									
7	0	13	17S	33E	P				81	146		PP									
SANRAL QUEEN																					
PETRUS "D" STATE 2516-B																					
2-L	L	11	17S	33E	P				67	42			31								
4	H	11	17S	33E	P				405	0		PP									
	A	11	17S	33E	P				351	248		WAR									
BATTERY TOTAL :																					
<u>EMPIRE YATES SEVEN RIVERS</u>																					
BERRY A FEDERAL 29025327-A																					
5	A	24	17S	27E	P				1259	479			31			392	1000	NRC			661

STATUS CODE
F..... FLOWING
P..... PUMPING
G..... GAS LIFT
S..... SHUT IN
T..... TEMP ABANDONED
D..... INJECTION
I..... DISCONTINUED

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Form C-115
Revised 10-1-78

"OTHER" GAS DISPOSITION CODE
X..... USED OFF LEASE
D..... USED FOR DRILLING
G..... GAS LIFT
L..... LOST (MCF ESTIMATED)
E..... EXPLANATION ATTACHED
R..... REPRESSURING OR
P..... PRESSURE MAINTENANCE
V..... VENTED
U..... USED ON LEASE

"OTHER" OIL DISPOSITION CODE
C..... CIRCULATING OIL
L..... LOST
S..... SEDIMENTATION (BSCW)
E..... EXPLANATION ATTACHED

I HEREBY CERTIFY THAT THE INFORMATION GIVEN IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE

Rhonda Nelson
RHONDA NELSON
PRODUCTION CLERK

POSITION **APR 24 1990**

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OPERATOR'S MONTHLY REPORT

OIL CONSERVATION DIVISION

P.O. BOX 2086

SANTA FE, NEW MEXICO 87501

(Company or
Operator) MARCOS ENERGY CORP.

P.O. DRAWER 217 ARTESIA, NM

38210-02 (Month, Year) APRIL 1990

(Zip)

Page

36 of

POOL NAME (Underline)					INJECTION		TOTAL LIQUIDS PRODUCED			GAS		DISPOSITION OF GAS			DISPOSITION OF OIL								
*Lease Name					WELL STATUS	VOLUME	PRESS.	MONTHLY OIL ALLOWABLE	ACTUAL BARRELS PRODUCED	BARRELS OF WATER PRODUCED	GAS PRODUCED (MCF)	DAYS PROD.	SOLD	TRANS. PORTER	OTHER	C O D E	OIL ON HAND AT BEG. OF MONTH	BARRELS TO TRANS-PORTER	TRANS. PORTER	OTHER	C O D E	OIL ON HAND AT END OF MONTH	
WELL NO	UNIT	SEC	TWP	RNG																			
*LEASE NAME - Include State Land Lease Number or Federal Lease Number																							
(cont'd)																							
MILLMAN SEVEN RIVERS EAST (cont'd)																							
FEATHERSTONE-WELCH FEDERAL L004670-B																							
BATTERY TOTAL :																							
MALJAMAR SEVEN SAN ANDRES																							
PETRUS "D" STATE 2516-B																							
1	D	11	178	33E				168	0	242	30	373	373	PP			26	0 WRC					95
2	L	11	178	33E				83	37	186				PP									
3	I	10	178	33E				200	0	242				PP									
7	D	15	178	33E				100	131	21				WAR									
SANRAL QUEEN																							
PETRUS "D" STATE 2516-B																							
2-L	L	11	178	33E				83	37	743	30	691	691	PP									
4	H	11	178	33E				501	0	81				WAR									
	A	11	178	33E				433	222	77				WAR									
BATTERY TOTAL :																							
EMPIRE YATES SEVEN RIVERS																							
								1017	259	901	30	901	901										
BERRY A FEDERAL 29025527-A																							
5	A	24	178	27E				1568	427	1592	30	1592	1592				661	1680	WRC				549

STATUS CODE
F FLOWING
P PUMPING
G GAS LIFT
S SHUT IN
T TEMP ABANDONED
I INJECTION
D DISCONTINUED

OTHER GAS DISPOSITION CODE
X USED OFF LEASE
D USED FOR DRILLING
L GAS LIFT
G LOST (MCF ESTIMATED)
E EXPLANATION ATTACHED
R PRESSURE MAINTENANCE
V VENTED
U USED ON LEASE

OTHER OIL DISPOSITION CODE
C CIRCULATING OIL
L LOST
S SEDIMENTATION (BSCWI)
E EXPLANATION ATTACHED

HEREBY CERTIFY THAT THE INFORMATION GIVEN IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE

Rhonda Nelson
RHONDA NELSON NAME
PRODUCTION CLERK
MAY 2 2 1990
POSITION

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Form C-115
Revised 10-1-78

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OPERATOR'S MONTHLY REPORT

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

(Company or Operator) HARBOR ENERGY CORP.

(Address) P.O. DRAWER 217 ARTESIA, NM

(Zip) 88210-021 For (Month, Year) MAY 1990

Page 35 of 35

POOL NAME (Underline)				WELL STATUS		INJECTION		TOTAL LIQUIDS PRODUCED			DISPOSITION OF GAS		DISPOSITION OF OIL																			
*Lease Name						VOLUME		PRESS.		MONTHLY OIL ALLOWABLE		ACTUAL BARRELS PRODUCED		BARRELS OF WATER PRODUCED		GAS PRODUCED (MCF)		DAYS PROD.		SOLD		TRANS. PORTER		OTHER		BARRELS TO TRANS-PORTER		OIL ON HAND AT BEG. OF MONTH		OIL ON HAND AT END OF MONTH		
WELL NO	UNIT	SEC	TWP	RNG																												
LEASE NAME - Include State Land Lease Number or Federal Lease Number																																
HILLMAN SEVEN RIVERS EAST (cont'd)																																
FEATHERSTONE-WELCH FEDERAL LC064670-B																																
(cont'd)																																
BATTERY TOTAL :																																
MALJAMAR GREGG SAN ANDRES																																
PEARSALL BX #3 & 4 LC088514																																
3	A	34	17S	32E	P							39	839				265	31											95	0 MFC		171
4	A	34	17S	32E	P							346	1355																			
PEARSALL QUEEN																																
PEARSALL BX LC088514																																
1	A	34	17S	32E	P							93	0																			
2	H	34	17S	32E	P							93	0																			
VERY TOTAL :																																
MALJAMAR GREGG SAN ANDRES																																
PEARSALL BX LC088514																																
1	D	11	17S	33E	P							170	0																			
2	L	11	17S	33E	P							84	5																			
3	I	10	17S	33E	P							203	0																			
7	D	13	17S	33E	P							101	18																			

OTHER* OIL DISPOSITION CODE
 C CIRCULATING OIL
 L LOST
 S SEDIMENTATION (BSCW)
 E EXPLANATION ATTACHED

OTHER* GAS DISPOSITION CODE
 X USED OFF LEASE
 D USED FOR DRILLING
 G GAS LIFT
 L LOST (MCF ESTIMATED)
 E EXPLANATION ATTACHED
 R REPRESSURING OR
 P PRESSED
 V VENTED
 U USED ON LEASE

STATUS CODE
 F FLOWING
 P PUMPING
 G GAS LIFT
 S SHUT IN
 T TEMP ABANDONED
 I INJECTION
 D DISCONTINUED

DISTRIBUTION
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 ONE COPY TO OCC DIST. OFFICE
 ONE COPY TO TRANSPORTER(S)

Form C-115
 Revised 10-1-78

HEREBY CERTIFY THAT THE INFORMATION GIVEN IS TRUE
 AND COMPLETE TO THE BEST OF MY KNOWLEDGE
Rhonda Nelson
 RHONDA NELSON
 PRODUCTION CLERK NAME
 JUN 2 5 1990
 POSITION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OPERATOR'S MONTHLY REPORT

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

Company or Operator
HARBOR ENERGY CORP.

(Address)
P.O. DRAWER 217 ARTESIA, NM

For
8810-02 (Month, Year)
MAY 1990

Page
36 of 4

POOL NAME (Underline)		INJECTION		TOTAL LIQUIDS PRODUCED		GAS PRODUCED (MCF)	DAYS PROD.	DISPOSITION OF GAS		DISPOSITION OF OIL							
WELL STATUS	WELL NAME	VOLUME	PRESS.	MONTHLY OIL ALLOWABLE	ACTUAL BARRELS PRODUCED			BARRELS OF WATER PRODUCED	SOLD	TRANS. PORTER	OTHER	C O D E	OIL ON HAND AT BEG. OF MONTH	BARRELS TO TRANS. PORTER	TRANS. PORTER	OTHER	C O D E
LEASE NAME - Include State Land Lease Number or Federal Lease Number																	
MALJAHAR BERG SAN ANDRES (cont'd)																	
PETRUS "D" STATE 2516-B (cont'd)																	
(SANDAL QUEEN)																	
PETRUS "D" STATE 2516-B																	
P	2-L	L	11	175	33E												
P	4	H	11	175	33E												
P	5	A	11	175	33E												
BATTERY TOTAL :																	
EMPIRE VATES SEVEN RIVERS																	
BERRY A FEDERAL 29025527-A																	
P	5	A	24	175	27E												
P	6	24	175	27E													
P	24	K	24	175	27E												
P	33	K	24	175	27E												
BERRY B FEDERAL 29025527																	
P	23	B	25	175	27E												
P	24	B	25	175	27E												

DISTRIBUTION
ORIGINAL TO OCC SANTA FE
ONE COPY TO OCC DIST. OFFICE
ONE COPY TO TRANSPORTERS)

Form C-115
Revised 10-1-78

STATUS CODE
F FLOWING
P PUMPING
G GAS LIFT
S SHUT IN
T TEMP. ABANDONED
I INJECTION
D DISCONTINUED

"OTHER" GAS DISPOSITION CODE
X USED OFF LEASE
D USED FOR DRILLING
G GAS LIFT
L LOST (MCF ESTIMATED)
E EXPLANATION ATTACHED
R PRESSURE MAINTENANCE
V VENTED
U USED ON LEASE

"OTHER" OIL DISPOSITION CODE
C CIRCULATING OIL
L LOST
S SEDIMENTATION (BSCW)
E EXPLANATION ATTACHED

HEREBY CERTIFY THAT THE INFORMATION GIVEN IS TRUE
AND COMPLETE TO THE BEST OF MY KNOWLEDGE
Rhonda Nelson
RHONDA NELSON NAME
PRODUCTION CLERK
JUN 2 5 1990
POSITION

Form C-116
Revised 1/1/89

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

GAS - OIL RATIO TEST

Instructions:

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.)

Signature

David Martin - Chairman

Date 7-3-90 Telephone No. 748.3303



OIL CONSERVATION DIVISION
RECEIVED
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

7-6-90

GARREY CARRUTHERS
GOVERNOR

POST OFFICE BOX 1980
HOBBS, NEW MEXICO 88241-1980
(505) 393-6161

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

RE: Proposed:

MC _____
DHC ☒ _____
NSL _____
NSP _____
SWD _____
WFX _____
PMX _____

Gentlemen:

I have examined the application for the:

Marbob Energy Corp. Petrus "D" #4-14 11-17-33
Operator Lease & Well No. Unit S-T-R

and my recommendations are as follows:

OK

Yours very truly,

Jerry Sexton
Supervisor, District 1

/ed