

marbob
energy corporation

OIL CONSERVATION DIVISION
RECEIVED

'90 MAY 24 AM 8 17

May 22, 1990

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

Attention: Mr. Mike Stogner

RE: Downhole Commingling
Pearsall BX Lease
Federal ID #LC-058514
NE/4, Sec.34, T-17S, R-32E
Lea County, New Mexico

Dear Mr. Stogner:

Marbob Energy Corporation respectfully requests an administrative approval to Rule 303-C to downhole commingle the production from Queen and Grayburg San Andres formations in our Pearsall BX No. three and four wells. The combined production from the two pools is estimated at 19 barrels a day, which is well below the 200 BOPD limit for commingled production at this depth.

Please find the following attachments in support of our request:

1. Application for administrative approval of Rule 303-C
2. Plat of the Pearsall BX lease and wells
3. C-115's
4. Gas-oil ratio test. C-116
5. Commingling waiver request to offset operators - Conoco, Inc.

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

APPLICATION FOR ADMINISTRATIVE APPROVAL OF RULE 303-C

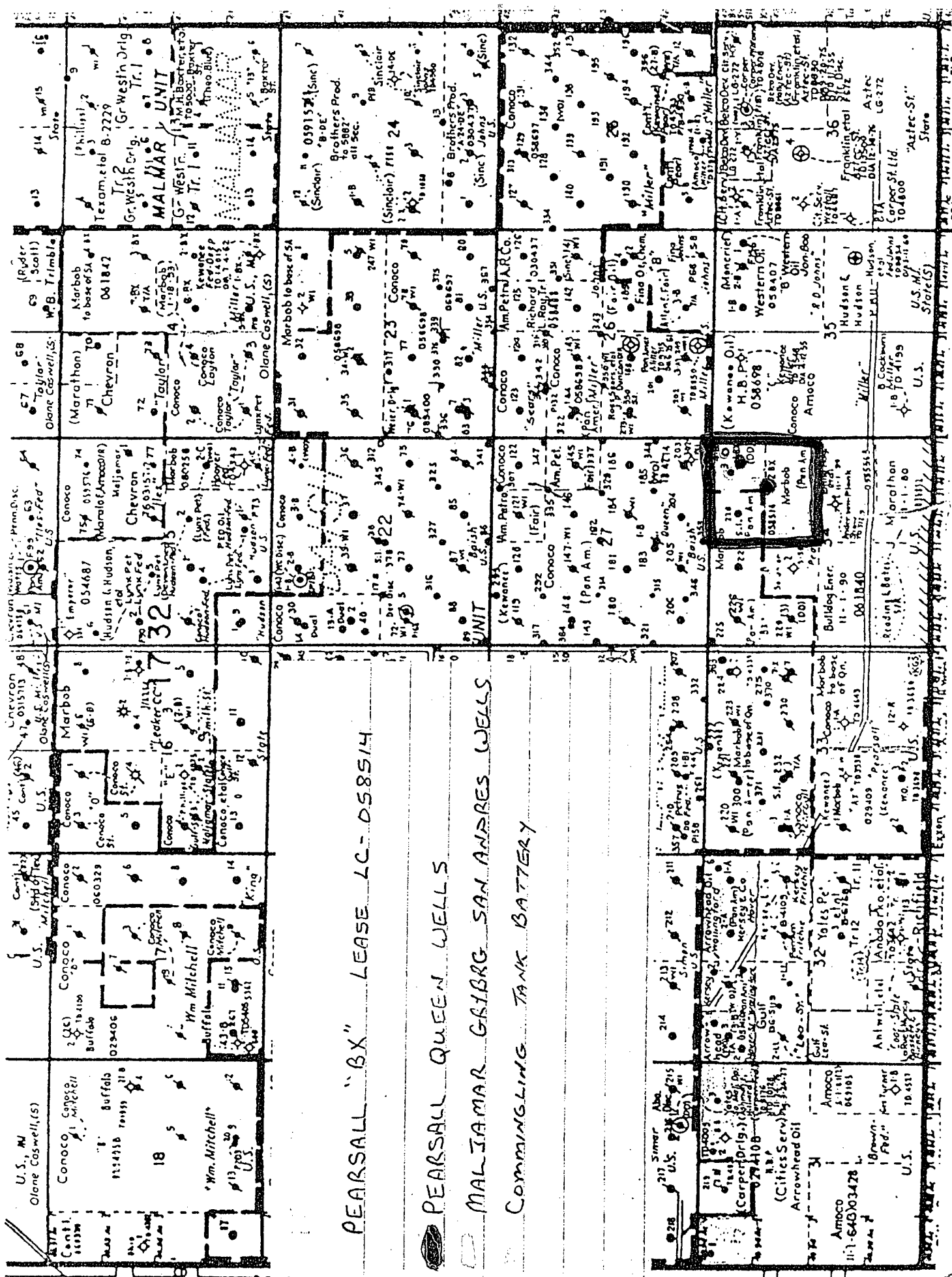
- A.) Operator: Marbob Energy Corporation
P.O. Drawer 217
Artesia, New Mexico 88210
Phone: 505/748-3303
- B.) Lease: Pearsall BX No.3
Unit Letter A, 460 FNL and 860 FEL
Section 34, T-17S, R-32E

Pearsall BX No.4
Unit Letter A, 330 FNL and 330 FEL
Section 34, T-17S, R-32E
- C.) Pools to
Commingle: Pearsall Queen
Maljamar Grayburg San Andres
- D.) Estimated
B.H.P. Pearsall Queen - 180 psi
Maljamar Grayburg San Andres - 200 psi
- E.) Fluids: Produced fluids are compatible
Oil gravities - 37 deg API
- F.) Value: Queen 3 BOPD X \$16.50/BBL
Grayburg San Andres 16 BOPD X \$16.50/BBL
19 BOPD X \$16.50/BBL

The gravity for each type of oil is almost identical so the price received is the same 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 Grayburg San Andres (16 BOPD, -0- MCFD) and a test of the Queen formation should yield 3 BOPD and -0- MCFD.
- H.) Notifications: Conoco, Inc. has been sent a waiver request on May 7, 1990. See attachment. A signed Waiver of Objection will be forwarded as soon as it is returned to Marbob Energy Corporation.

COMMINGLING TANK BATTERY



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) **MARCO ENERGY CORP.**

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

(Zip) **88210-0210** For
Month, **MARCH** 1990

Page **22** of

POOL NAME (Underline)

***Lease Name**

WELL NO UNT SEC TWP RNG

LEASE NAME - Include State Land Lease Number or Federal Lease Number

MILLMAN SPRING SAN ANDRES (cont'd)

MILLER BA 1E061842 (cont'd)

LEASE TOTAL :

PERY TOTAL:
PEARSHILL BX #3 & 4 1E058514

3 A 34 17S 32E
4 A 34 17S 32E

LEASE TOTAL :

MILLMAN SPRING

STATE #4 29189

4 N 18 19S 28E

STATE #5 89189

5 K 18 19S 28E

MILLMAN SPRING SAN ANDRES (cont'd)

CH FEDERAL NM036194

1 C 22 19S 28E

3 C 22 19S 28E

LEASE TOTAL :

WELL STATUS

INJECTION

TOTAL LIQUIDS PRODUCED

GAS

DAYS

DISPOSITION OF GAS

DISPOSITION OF OIL

VOLUME

PRESS.

MONTHLY OIL ALLOWABLE

ACTUAL BARRELS PRODUCED

BARRELS OF WATER PRODUCED

PRODUCED (MCF)

PROD.

SOLD

TRANS POR- TER

OTHER

C O D E

OIL ON HAND AT BEG. OF MONTH

BARRELS TO TRANS- PORTER

TRANS POR- TER

OTHER

C O D E

OIL ON HAND AT END OF MONTH

Federal Lease Number																
									</							

DISTRIBUTION
ORIGINAL TO OCC SANTA FE
ONE COPY TO OCC DIST OFFICE
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
Y... USED FOR DRILLING
Z... GAS LIFT
A... LOST (MCC ESTIMATED)
B... EXPLANATION ATTACHED
C... REPRESSURING OR
D... 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 NAME
PRODUCTION CLERK

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) **MARSH ENERGY CORP.**(Address) **P.O. DRAWER 217 ARTESIA, NM**(Date) **89210-021 (Month, Year)**Page **21** of **37**POOL NAME (Underline)*Lease Name

WELL NO UNIT SEC TWP RNG

WELL STATUS

INJECTION

TOTAL LIQUIDS PRODUCED

DISPOSITION OF GAS

DISPOSITION OF OIL

LEASE NAME - Include State Land Lease Number or Federal Lease Number

MALJAMAR GREEN SAN ANDRES (cont'd)LEAKER "CC" B-2366 (cont'd)

6 A 16 17S 32E

9 J 16 17S 32E

LEASE TOTAL :

LYNX "C" FEDERAL NM-080258

2 I 15 17S 32E

MILLER B 71058698(B)

1 A 23 17S 32E

2 B 23 17S 32E

LEASE TOTAL :

MILLER BX 12061842

1 P 14 17S 32E

2 I 14 17S 32E

3 H 14 17S 32E

4 A 14 17S 32E

5 O 14 17S 32E

6 J 14 17S 32E

7 B 14 17S 32E

LEASE TOTAL :

BATTERY TOTAL:PEARSHALL BX 53 & 4 12058514

3 A 34 17S 32E

4 A 34 17S 32E

LEASE TOTAL :

STATUS CODE

OTHER GAS DISPOSITION CODE

OTHER OIL DISPOSITION CODE

HEREBY CERTIFY THAT THE INFORMATION GIVEN IS TRUE

COMPLET

ORIGINAL TO OCC SANTA FE
ONE COPY TO OCC DIST. OFFICE
ONE COPY TO TRANSPORTERSForm C-115
Revised 10-1-78RHONDA NELSON NAME
PRODUCTION CLERK
MAR 2 6 1990

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OPERATOR'S MONTHLY REPORT

OIL CONSERVATION DIVISION

P.O. BOX 2068
SANTA FE, NEW MEXICO 87501

(Company or Operator) **HEB308 ENERGY CORP.**

(Address) **P.O. BOX 217 ARTESIA, NM**

(Zip) **98210-0210**

For Month **MARCH 1990**

Page **24** of **24**

POOL NAME (Underline) *Lease Name	WELL NO	UNIT	SEC	TWP	RNG	WELL STATUS	INJECTION		TOTAL LIQUIDS PRODUCED			GAS PRODUCED (MCF)	DAYS PROD.	DISPOSITION OF GAS		DISPOSITION OF OIL				
							VOLUME	PRESS.	MONTHLY OIL ALLOWABLE	ACTUAL BARRELS PRODUCED	BARRELS OF WATER PRODUCED			SOLD	TRANS-PORTER	OTHER	OIL ON HAND AT BEG. OF MONTH	BARRELS TO TRANS-PORTER	TRANS-PORTER	OTHER
LEASE NAME - Include State Land Lease Number or Federal Lease Number																				
<u>PEARSALE GREEN</u>																				
PEARSALE "A" LC-029409(A)	3	H	33	17S	32E	P			47	10	0	0	31	0	0	0	225	0	TNR	272
PEARSALE "B" LC-059001	3	F	33	17S	32E	S			0	0	0	0	0	0	0	0	0	0	TNR	0
LEASE TOTAL :																				
PEARSALE BI LC058514	1	A	34	17S	32E	P			0	0	0	0	0	0	0	0	0	0	TNR	84
2	H	34	17S	32E	P				0	0	0	0	0	0	0	0	0	0	TNR	84
LEASE TOTAL :																				
<u>RED LAKE GR GRAYBRO SA</u>																				
C.I. STATE E1351	1	H	22	17S	28E	P			108	260	752	31	752	PP		145	176	NRC	77	
COCKATON STATE E135	1	H	27	17S	28E	P			65	650	315									
2	H	27	17S	28E	P				118	593	482									
LEASE TOTAL :																				
EDDY "SMH" 8-1969	1	P	22	17S	28E	P			283	1243	797	31	797	PP		305	263	NRC	245	
ELK STATE 28814	1	H	27	17S	28E	P			64	66	377	31	377	PP		189	156	NRC	117	
LEASE TOTAL :																				
STATUS CODE																				
DISTRIBUTION																				
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ONE COPY TO OCC DIST OFFICE																				
ONE COPY TO TRANSPORTERS																				
Form C-115																				
Revised 10-1-78																				
OTHER GAS DISPOSITION CODE																				
OTHER OIL DISPOSITION CODE																				
I HERBY CERTIFY THAT THE INFORMATION GIVEN IS TRUE																				
AND COMPLETE TO THE BEST OF MY KNOWLEDGE																				
RHONDA NELSON NAME																				
PRODUCTION CLERK																				

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OPERATOR'S MONTHLY REPORT

OIL CONSERVATION DIVISION

P.O. BOX 1088
SANTA FE, NEW MEXICO 87501

(Company or
Operator) HERGEN ENERGY CORP.

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

(Zip) 86210-0214 Month, FEBRUARY 1970

POOL NAME (Underline)										WELL STATUS		DISPOSITION OF GAS										DISPOSITION OF OIL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
*Lease Name										WELL NO	UNIT	SEC	TWP	RNG	INJECTION	VOLUME	PRESS.	MONTHLY OIL ALLOWABLE	ACTUAL BARRELS PRODUCED	BARRELS OF WATER PRODUCED	GAS PRODUCED (MCF)	DAYS PROD.	DISPOSITION OF GAS			DISPOSITION OF OIL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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 Form C-115
 Revised 10-1-78

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

OTHER GAS DISPOSITION CODE
 X... USED OFF LEASE
 D... USED FOR DRILLING
 C... GAS LIFT
 L... LOST (WGT ESTIMATED)
 E... EXPLANATION ATTACHED
 R... REPRESSURING OR
 V... VENTED
 U... USED ON LEASE

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

I HEREBY CERTIFY THAT THE INFORMATION GIVEN IS TRUE
 AND COMPLETE TO THE BEST OF MY KNOWLEDGE
 Rhonda Nelson
 PRODUCTION CLERK
 MAR 26 1970

OIL CONSERVATION DIVISION

SANTA FE, NEW MEXICO 87501

68210-0234 Month, JANUARY Year, 1990
(zip)

FEB 28 1990

OIL CONSERVATION DIVISION

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SANTA FE, NEW MEXICO 87501

For 0610666 1989
06010-02/Month. 06010666 1989
(ZIN)

Price
\$2.50

NAME Rhonda Nelson

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) HARRIS ENERGY CORP.

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

(Zip) 88210-0217 for Month, FEBRUARY 1990

POOL NAME (Underline)		WELL STATUS		INJECTION		TOTAL LIQUIDS PRODUCED		GAS		DISPOSITION OF GAS		DISPOSITION OF OIL									
Lease Name	WELL NO	UNIT	SEC	TWP	RNG	VOLUME	PRESS.	MONTHLY OIL ALLOWABLE	ACTUAL BARRELS PRODUCED	BARRELS OF WATER PRODUCED	PRODUCED (MCF)	DAYS PROD.	SOLD	TRANS. POR.	OTHER	OIL ON HAND AT BEG. OF MONTH	BARRELS TO TRANS. POR.	TRANS. POR.	OTHER	OIL ON HAND AT END OF MONTH	
LEASE NAME - Include State Land Lease Number or Federal Lease Number																					
MILLMAN SEVEN SAN ANTONIO (cont'd)																					
PEARSON BL 13 & 4 LC058314 (cont'd)																					
LEASE TOTAL :																					
MILLMAN SEVEN SAN ANTONIO																					
STATE #4 29189																					
4 N 18 19S 28E																					
STATE #5 29189																					
5 K 18 19S 28E																					
MILLMAN SEVEN SAN ANTONIO																					
HELCH FEDERAL NM036194																					
1 C 22 19S 28E																					
3 C 22 19S 28E																					
LEASE TOTAL :																					
MILLMAN SEVEN SAN ANTONIO																					
GULF STATE 27815																					
2 C 27 19S 28E																					
MILLMAN SEVEN RIVERS EAST																					
ANGELL STATE 27815																					
1 P 21 19S 28E																					

STATUS CODE

F... FLOWING

P... PUMPING

G... GAS LIFT

S... SHUT IN

T... TEMP ABANDONED

D... INJECTION

I... DISCONTINUED

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

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, CLERK

MAR 26 1990

Oil Conservation Division

P.O. BOX 2066
SANTA FE NEW MEXICO 87501

68210-024 For
Month. JANUARY 1990

2-2

FEB 28 1997

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

AMENDED
OPERATOR'S MONTHLY REPORT

OIL CONSERVATION DIVISION

P.O. BOX 2088
SANTA FE, NEW MEXICO 87501

(Company or Operator) **HARGRENS ENERGY CORP.**

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

(Zip) **98210-0218** For Month **JANUARY** 1990

Page **22** of **22**

POOL NAME (Underline)		Lease Name		WELL STATUS		INJECTION		TOTAL LIQUIDS PRODUCED				GAS		DAYS		DISPOSITION OF GAS				DISPOSITION OF OIL				
WELL NO	UNIT	SEC	TWP	RNG		VOLUME	PRESS.	MONTHLY OIL ALLOWABLE	ACTUAL BARRELS PRODUCED	BARRELS OF WATER PRODUCED		PRODUCED (MCF)	PROD.	SOLD	TRANS POR. TER	OTHER		OIL ON HAND AT BEG. OF MONTH	BARRELS TO TRANS- PORTER	TRANS POR. TER	OTHER		OIL ON HAND END O MONTH	
LEASE NAME - include State Land Lease Number or Federal Lease Number																								
<u>MALJAMAR GREGG SAN ANDRES (cont'd)</u>																								
<u>PEARISALL EX 23 & 4 LC058514 (cont'd)</u>																								
USE TOTAL :																								
<u>HILLMAN GRAYBURG</u>																								
STATE #4 89189																								
4 N 18 19S 28E																								
STATE #5 89189																								
5 E 18 19S 28E																								
<u>HILLMAN GR GRAYBURG SA, EAST</u>																								
<u>WELCH FEDERAL NM036194</u>																								
1 C 22 19S 28E																								
3 C 22 19S 28E																								
LEASE TOTAL :																								
<u>MILLMAN SAN ANDRES, EAST</u>																								
<u>GULF STATE 87815</u>																								
2 C 27 19S 28E																								
<u>MILLMAN SEVEN RIVERS EAST</u>																								
<u>PEARISALL EX 23 & 4 LC058514</u>																								
P 21 19S 28E																								
P 21 19S 28E																								
*AMENDED TO CORRECT ACTUAL BARRELS SOLD																								

* AMENDED TO CORRECT ACTUAL BARRELS SOLD

DISTRIBUTION
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ONE COPY TO OCC DIST OFFICE
ONE COPY TO TRANSPORTATION

Form C-115
Revised 10-1-78

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

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

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

NAME
FEB 28 1990

Submit 2 copies to Appropriate District Office.

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

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

Form C-116
Revised 1/1/89

GAS - OIL RATIO TEST

Operator MARBOR ENERGY CORPORATION		Pool PEARSALL QUEEN AND MAIMAMAR GRBG SAN ANDRES		County LEA											
Address P.O. DRAWER 217, ARTESTA, NM 88210		TYPE OF TEST - (X) ☒ TEST - (X)		Completion ☐ Special ☒											
LEASE NAME	WELL NO.	LOCATION				DATE OF TEST	SIZING	CHOKE SIZE	TBG. PRESS.	DAILY ALLOW-ABLE	LENGTH OF TEST HOURS	PROD. DURING TEST			GAS - OIL RATIO CU.FT/BBL.
		U	S	T	R							WATER BBL.S.	GRAV. OIL	OL BBL.S.	
Pearsall BX	1	A	34	17S	32E	5/1/90				M	24	0	37.2	2.5	TSTM
Pearsall BX	2	H	34	17S	32E	5/1/90				M	24	0	37.2	2.5	TSTM
Pearsall BX	3	A	34	17S	32E	5/1/90				M	24	8	37.4	2	TSTM
Pearsall BX	4	A	34	17S	32E	5/1/90				M	24	17	37.4	16	TSTM

Instructions:

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

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

Report casing pressure in lieu of tubing pressure for any well producing through casing.

(See Rule 301, Rule 1116 & appropriate pool rules.)

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

Signature
David Martin

Printed name and title
David Martin - Land Department

Date
5/22/90

505/748-3303

Telephone No.



Hobbs Division
Exploration and Production, North America

Conoco Inc.
726 East Michigan
P.O. Box 460
Hobbs, NM 88241
(505) 397-5800

MAY 17 1990

R

May 14, 1990

Mr. David Martin
Marbob Energy Corporation
P.O. Drawer 217
Artesia, NM 88211

Dear Mr. Martin:

Commingling Waiver Requests, Pearsall
BX Lease, NE/4 Sec. 34, T-17-S, R-32-E,
Lea County, New Mexico

Conoco Inc. has approved your subject letter ballot. One copy is returned to you as requested.

Yours very truly,

H. A. Ingram
Conservation Coordinator

tm

WAIVER OF OBJECTION

The undersigned has been notified of Marbob Energy Corporation's application to downhole commingle the Pearsall Queen and the Maljamar Grayburg San Andres pools in the following two wells:

1. Pearsall BX No. 3 Unit letter A, 460 FNL and 860 FEL
Sec. 34, T-17S, R-32E, Lea County, NM
2. Pearsall BX No. 4 Unit letter A, 330 FNL and 330 FEL
Sec. 34, T-17S, R-32E, Lea County, NM

Conoco, Inc., as an offset operator, hereby waives any objection to Marbob Energy Corporation's application for exception of Statewide Rule 303-C dated May 7, 1989.

Company: CONOCO INC.

Representative: HUGH-INGRAM

Signature: Paul M. Smith

Title: CONSERVATION COORDINATOR

Date: MAY 14, 1990

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other
instructions on
reverse side)

STANDARD DESIGNATION AND SERIAL

LC-058514

UNIT INDIAN, ALIQUOT OR OTHER NAME

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐

2. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. CEM. ☐ Other ☐

3. NAME OF OPERATOR

CONTINENTAL Oil Company

4. ADDRESS OF OPERATOR

Box 460, Hobbs, N.M. 88240

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface

460' FNL E 860' FEL of Sec. 34

At top prod. interval reported below

SAME

SAME

14. PERMIT NO. DATE ISSUED

7. UNIT AGREEMENT NAME

8. LEASE OR LEASE NAME

PEARSALL BX

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

MAJ. G-SA REPRESS

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 34, T. 17S, R. 32E

12. COUNTY OR PARISH

LEA

13. STATE

N.M.

15. DATE STUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATION (DY, R&E RT, CR, ETC.)* 19. ELEV. CASINGHEAD

4-19-74

4-30-74

5-29-74

3954' GR.

20. TOTAL DEPTH, MD & TVD

4475'

21. PLUG, BACK T.D., MD & TVD

4437'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

✓

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

4120' - 4437' Grayburg San Andres

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-SNP LL-9

27. WAS WELL Cased

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING METHOD	AMOUNT PULLED
11 3/4"	42#	1100'	15"	600 Sks. Cl. "C"	—
5 1/2"	14#	4475'	7 7/8"	200 Sks. Cl. "C"	—

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	4400'	—

31. PERFORATION RECORD (Interval, size and number)

4326-48' w/4 JSPF; 4258-68' & 4206-431' w/2 JSPF; 4121', 27', 33', 39', 45', 51', 54', 66', & 4172' w/1 JSPF

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4258-4348'	N/5500 gals 28% Acid
4121'-4172'	F/20,000 gals wlx, 40,000# sd.

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
6-27-74		Pump				Producing	
DATE OF TEST	HOURS TESTED	CHOKED SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF	WATER—BBL.	GAS-OIL RATIO
7-13-74	24	-	→	50	TSTM	68	-
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF	WATER—BBL.	OIL GRAVITY-API (CORR.)	
-		→				42.9	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TSTM

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

[Signature]

TITLE

SR. ANALYST

DATE

7-16-74

*(See Instructions and Spaces for Additional Data on Reverse Side)

USGS(5) File



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE 27

GARREY CARRUTHERS
GOVERNOR

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

6-20-90

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

RE: Proposed:

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

Gentlemen:

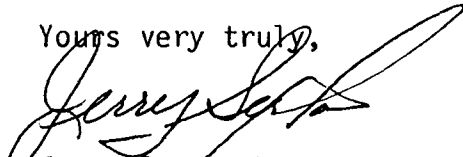
I have examined the application for the:

			#4-A 34-17-32
Marbob Energy Corp.	Pearsall	BX	#3-A 34-17-32
Operator	Lease & Well No.	Unit	S-T-R

and my recommendations are as follows:

OK

Yours very truly,


Jerry Sexton
Supervisor, District 1

/ed



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
CARLSBAD RESOURCE AREA HEADQUARTERS
P.O. BOX 1778
CARLSBAD, NEW MEXICO 88220



3162 (067)
LC-058514

MAY 16 1990

DHC-759

Marbob Energy Corporation
Attn.: David Martin
P. O. Drawer 217
Artesia, NM 88211-0217

RE: LC-058514
Pearsall 'BX' Federal Lease
NE1/4 of Sec. 34, T17S, R32E;
NMPM

Gentlemen:

Your request to surface commingle Pearsall Queen production from well numbers 1 and 2 on the above referenced lease with Maljamar Grayburg/San Andres production from well numbers 3 and 4, also on the above referenced lease, is hereby approved.

We recognize that the owners in this lease are identical for both productive horizons. Further, your request is made in the interest of conservation and will not result in reduced royalty or improper measurement of production since regularly scheduled production tests will be utilized to ensure proper allocation back to all contributing sources.

It is our understanding that the common tank battery facility where the surface commingling will occur is located in the SENE of Sec. 34, T17S, R32E; NMPM.

Please contact Shannon J. Shaw at (505) 887-6544 or at the letterhead address if any further information is required.

Sincerely,

/s/ Sandra L. Poreta

FOR Richard L. Manus
Area Manager