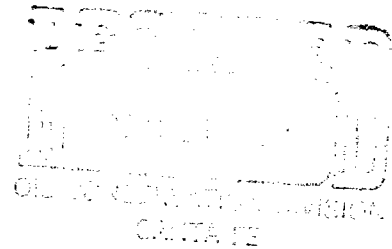


Morris R. Antweil  
OIL OPERATOR  
P. O. Box 2010  
HOBBS, NEW MEXICO 88240

December 12, 1984



Energy & Minerals Department  
Oil Conservation Division  
P. O. Box 2088  
Santa Fe, New Mexico 87501

RE: Application to Commingle Pools  
Morris R. Antweil  
Moby Lease  
Section 7-T20S-R38E  
Lea County, New Mexico

Gentlemen:

Morris R. Antweil respectfully requests administrative approval for an exception to Rule 303-A to permit the commingling into a common tank battery of the production from the Nos. 1 and 2 wells on the above captioned lease. In support of this request, the following is presented:

- 1) The wells involved on the Moby lease are the No. 1, located at 330' FWL and 810' FNL, and the No. 2, located at 1980' FWL and 830' FNL of Section 7, Township 20 South, Range 38 East.
- 2) The No. 1 well is producing from the Drinkard perforations from 6826' to 6885', while the No. 2 is producing from Blinbry perforations from 5829' to 5905 1/2'. Both wells are in the West Nadine Field.
- 3) Production from the No. 1 Moby is currently being combined into a common tank battery before measurement with production from the No. 1 Shamu. This well is producing from the Skaggs Drinkard pool from perforations 6706' to 6868'.
- 4) A diversity of ownership of 3/64 exists between the Moby and Shamu leases. All interests are common except those shown below:

	SHAMU	MOBY
Ronald J. Byers	.01171875 RI	.008789 RI
Dewey E. & Dorothy		
Jean Sparger	--	.0019336 ORRI
A. C. & Ellen Dean		
Haynes	--	.0019336 ORRI
Alan J. Antweil	.03515625 WI	.0342188 WI
	.0468750	.0468750

All interests shown are net revenue interests.

- 5) Mr. Byers, Mr. & Mrs. Sparger, and Mr. & Mrs. Haynes signed waivers of objection to the commingling of production from the No. 1 Shamu and the No. 1 Moby. Authority was granted under Division Order CTB-293 to commingle and allocate this production by well tests.
- 6) The above owners have signed waivers of objection to the commingling of the production from the No. 2 Moby with that of the No. 1 well and the No. 1 Shamu into a common tank battery. Copies of these waivers are enclosed.
- 7) Provision will be made to test monthly the No. 2 Moby, along with the other wells currently being tested. Production will be allocated on the basis of these monthly tests. A portable test unit will be used which can be placed in the flowline at the individual wells.
- 8) The current production facilities to be utilized are on the drilling pad at the No. 1 Shamu. These consist of a heater treater, storage tanks and a gas sales meter and connection.
- 9) The gravities, values and volumes of the productions are shown below:

	Daily Production	Gravity	Value/ Bbl
No. 1 Moby-Shamu (Average-October)	51.9	34.4°API	\$28.90
No. 2 Moby	63.6	42.8	29.00
Commingled Stream	--	39.0	28.98

The weighted average price of the separate streams would be \$28.96/bbl so the value of the commingled stream would be greater than that of the separate streams.

- 10) A copy of Division Form C-105 filed for the No. 2 Moby is enclosed as is also a history of the completion and production.
- 11) A tabulation of the well tests for the past six (6) months taken on the No. 1 Moby is included.
- 12) A plat showing the leases and the wells involved is enclosed.
- 13) All other parties owning interest in these leases and the authorized transporters of oil and gas have been sent by certified mail, a copy of this application. A distribution list is enclosed.

Energy & Minerals Department  
Oil Conservation Division  
December 12, 1984

Page -3-

Morris R. Antweil, therefore, respectfully requests that approval be granted to commingle the production from the No. 2 Moby with that from the No. 1 Moby and No. 1 Shamu.

Very Truly Yours,

MORRIS R. ANTWEIL

A handwritten signature in cursive script, appearing to read "Jerry Hillard", written in dark ink.

Jerry Hillard

JH:pb

Enclosures

#2 MOBY  
DRILLING REPORT

Page 2

10-23-84 6100' TD. Running 7" long string. Finished running logs..

10-24-84 TD 6069'. Ran 177 jts 7" 26.0# csg to 6069' & cemented w/175 sx Halliburton Light cement containing 18% salt & 1/4 #/sk flocele & 125 sx Class "C" cement containing 5 #/sk salt & 1/4 #/sk flocele. Plug down 2:30 PM 10-23-84. Ran temperature survey after 6 hrs. TOC - 3800'. Released rig 10:30 PM. Will resume report when completion operations begin.

10-31-84 Rigged up well service unit. Installed BOP & wellhead. Ran 6 1/4" bit, scraper & collars to PBTD 6035'. Tested csg & wellhead to 2000 psi. Shut down.

11-01-84 Pulled tbg. Laid down collars, bit & scraper. Ran correlation log. Perforated Blinbry @ 5829', 5830', 5840', 5844 1/2', 5845 1/2', 5851', 5852', 5854', 5858', 5859', 5861', 5862', 5865', 5868 1/2', 5903 1/2', 5904 1/2' & 5905 1/2' (17 holes). Ran tbg & RTTS pkr. Prep to acidize.

11-02-84 Set pkr @ 5775'. Treated perfs 5829'-5905' w/4000 gals acid using 35 ball sealers. Breakdown pressure 2700 psi. Treated @ 6.5 b/m w/3350 psi. Balled off. ISIP 2100 psi. 15-min SIP 2000 psi. Flowed back 21 BF in 1 hr. In 6 hrs, swabbed 50 BF. Final hr - 1 BF, cut 20% oil. FL 5600'. SION. SITP 300 psi in 14 hrs. FL 3000'.

11-03-84 Swabbed 21.5 BF in 10 hrs w/last two hrs, fluid too small to measure. Final cut - 50% oil. Shut down until Monday. Preparing to fracture treat.

11-06-84 Had 700 psi SITP after 62 hrs & 5000' FL. Flowed & swabbed 19 BF in 1 hr. Fractured w/40,000 gals gelled water & 50,000# 20/40 sand in one stage @ 25 BPM & 5550 psi. Maximum Pressure 5700, ISIP 2660, 5-min SIP 2390, 10-min SIP 2340, 15-min SIP 2270. Total load - 991 bbls. SI 4 hrs. Flowed 110 BW in 3 hrs & 10 bbls overnight. Has slight blow this AM.

11-07-84 Swabbed 234 bbls in 10 hrs w/final hr - 22 bbls from 3000' FL w/20% oil cut. SION. This AM, had 300 psi SITP after 14 hrs w/2000' FL.

11-08-84 Swabbed 172 BF in 10 hrs w/final hr - 15 bbls w/50% oil cut from 4800' FL. SION. This AM after 13 1/2 hrs, had 300 psi SITP & 2700' FL.

11-09-84 Released pkr. Laid down 2 7/8" tbg. Picked up 2 3/8" tbg. Set anchor, flanged up wellhead. Shut down.

#2 MOBY  
DRILLING REPORT

Page 3

11-10-84 Ran rods & pump. Have 182 jts 2 3/8" tbgs set @ 5660'. Seating nipple @ 5673'. 1 1/2" X 2' X 16' insert pump. 162-3/4" & 64-7/8" rods. Rigged down.

11-11-84 Set pumping unit.

11-12-84 Preparing to set electric motor.

11-13-84 Set motor & connected. Started pumping.

11-14-84 Pumped 76 BW.

11-15-84 Pumped 84 BW

11-16-84 Pumped 78 BW

11-17-84 Pumped 82 BW. Turned into test treater. Beginning to show oil cut.

11-18-84 Pumped 63.7 BW. Filling heater treater.

11-19-84 Pumped 50.5 BW. Filling heater treater. Oil cut up to 15%.

11-20-84 Pumped 8.0 BO, 51.57 BW.

11-21-84 Pumped 39 BO, 46.8 BW.

11-22-84 No production. Unit down - changing stroke. Had to repair wrist pin bearing.

11-23-84 Pumped 25 BO, 28.6 BW.

11-24-84 Pumped 50 BO, 64.1 BW.

11-25-84 Pumped 50 BO, 71.2 BW.

11-26-84 Pumped 65 BO, 62 BW.

11-27-84 Pumped 38.0 BO, 62.7 BW.

11-28-84 Pumped 101 BO + 52.60 BW.

11-29-84 Pumped 58.9 BO, 35.6 BW.

11-30-84 Pumped 63.0 BO, 51.3 BW.

12-01-84 Pumped 40.9 BO, 38.7 BW.

12-02-84 Pumped 60.2 BO, 38.9 BW.

12-03-84 Pumped 31.1 BO, 20.0 BW.

12-03-84 CORRECTION: Pumped 52.86 BO, 37.2 BW.

12-04-84 Pumped 52.0 BO, 35.0 BW.

12-05-84 Pumped 55 BO, 45 BW.

12-06-84 Pumped 55 BO, 55 BW.

12-07-84 Pumped 45 BO, 49 BW.

12-11-84 POTENTIAL TESTED 8 Dec 84. Pumping 63.6 BO, 40.6 BW, 105.5 MCF gas, 1659 GOR. LAST REPORT.

APPLICATION TO COMMINGLE POOLS  
MORRIS R. ANTWEIL  
MOBY LEASE

Monthly Tests - Moby No. 1

	<u>Oil</u>	<u>Gas</u>	<u>Water</u>
June	19.1	37.95	1.9
July	16.6	37.70	.9
August	17.2	38.93	1.5
September	15.3	35.50	2.2
October	16.1	39.72	.9
November	18.5	36.26	1.0





Drinkard Producer



Blinebry Producer

MORRIS R. ANTWEIL  
Pool Commingling Application



*Morris R. Antweil*  
OIL OPERATOR  
P. O. Box 2010  
HOBBS, NEW MEXICO 88240  
November 12, 1984

Mr. Ronald J. Byers  
1600 United Bank Tower  
400 West 15th Street  
Austin, Texas 78701

Dear Mr. Byers:

We have recently drilled and are completing a Blinbry test, the No. 2 Moby, in the NE/4 NW/4 of Section 7, Township 20 South, Range 38 East. The No. 1 well on this lease has been producing for some time now from the Drinkard zone.

As you are aware, the production from the No. 1 Moby is combined with that from the No. 1 Shamu as provided for in an order granted us by the New Mexico Oil Conservation Division. This order was sought due to a diversity of ownership of interests held by yourself, Dewey E. and Dorothy Jean Sparger, and A.C. and Ellen Dean Haynes. You signed a waiver of objection to this commingling prior to our application. Your interest in the No. 2 Moby is identical to that which you own in the No. 1 well. We are, therefore, proposing that the production from the No. 2 Moby be combined with that from the No. 1 well and the Shamu well into the present battery. Production attributed to each well will be determined by monthly tests as is done at present.

We will apply to the New Mexico Oil Conservation Division for permission to combine production from these wells. We request your waiver of objection to the proposed commingling so that such waiver may be included with our application. Please indicate your waiver of objection by signing and returning one copy of this letter. Your favorable response will be sincerely appreciated.

Yours Very Truly,

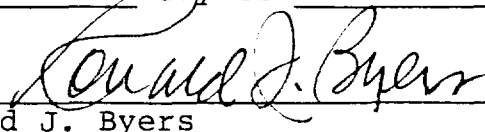
MORRIS R. ANTWEIL



Jerry Hillard

JH:pb

AGREED & APPROVED  
this 16th day of November 1984.

  
\_\_\_\_\_  
Ronald J. Byers



**Morris R. Antweil**  
OIL OPERATOR  
P. O. Box 2010  
HOBBS, NEW MEXICO 88240  
November 12, 1984

Dewey E. & Dorothy Jean Sparger  
P. O. Box 1112  
Hobbs, New Mexico 88241

Dear Mr. & Mrs. Sparger:

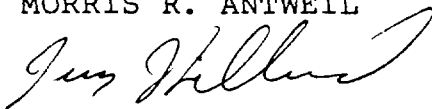
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Yours Very Truly,

MORRIS R. ANTWEIL

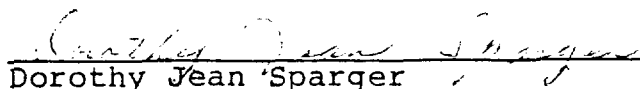


Jerry Hillard

JH:pb

AGREED & APPROVED

this 3 day of 12 NOV 1984.

  
Dewey E. Sparger  
Dorothy Jean Sparger

**Morris R. Antweil**  
OIL OPERATOR  
P. O. Box 2010  
HOBBS, NEW MEXICO 88240

November 12, 1984

A.C. & Ellen Dean Haynes  
Star Route - Box 54  
Monument, New Mexico 88265

Dear Mr. & Mrs. Haynes:

We have recently drilled and are completing a Blinebry test, the No. 2 Moby, in the NE/4 NW/4 of Section 7, Township 20 South, Range 38 East. The No. 1 well on this lease has been producing for some time now from the Drinkard zone.

As you are aware, the production from the No. 1 Moby is combined with that from the No. 1 Shamu as provided for in an order granted us by the New Mexico Oil Conservation Division. This order was sought due to a diversity of ownership of interests held by yourselves, Ronald J. Byers and Dewey E. and Dorothy Jean Sparger. You signed a waiver of objection to this commingling prior to our application. Your interest in the No. 2 Moby is identical to that which you own in the No. 1 well. We are, therefore, proposing that the production from the No. 2 Moby be combined with that from the No. 1 well and the Shamu well into the present battery. Production attributed to each well will be determined by monthly tests as is done at present.

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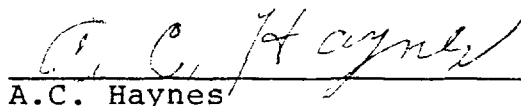
MORRIS R. ANTWEIL



Jerry Hillard

JH:pb

AGREED & APPROVED  
this 14<sup>th</sup> day of November 1984.

  
A.C. Haynes  
Ellen Dean Haynes

MOBY NO. 1 WELL - OWNER/ADDRESS LISTING - ROYALTY

Jane Andrus  
P. O. Box 307  
Hagerman, NM 88232

Gaines Hoyt Bolding  
P. O. Box 280  
Flora Vista, NM 87415

Emma Jane Brooke  
P. O. Box 5372  
Lubbock, TX 79417

Joyce Ann Brown  
909 N. Alameda  
Las Cruces, NM 88005

Ronald J. Byers  
1600 United Bank Tower  
400 West 15th Street  
Austin, TX 78701

Beverly Ann Chapman  
514 South Pearl Street  
Wenatchee, WA 98801

B. A. Christmas, Jr. Life Estate  
Chico Route  
Raton, NM 87740

Bradford Ace Christmas  
Box 173  
Wagon Mound, NM 87752

Candy Christmas  
P. O. Box 64278  
Lubbock, TX 79423

William Edward Corn  
1300 West 4th  
Roswell, NM 88201

First National Bank Lubbock  
Successor Trustee UWO J. E.  
and Beulah H. Simmons fbo  
Jean S. Sullivan and Mary Jane Hand  
P. O. Box 1241  
Lubbock, TX 79408

LeGrande Joseph Fournier  
513 Dutch Hill Road  
Hamilton, Montana 59840

Marianne Keohane Frost, E. Bernard  
Johnston & Brian W. Copple, Co-Personal  
Representatives of the Estate of  
B. M. Keohane, deceased  
P. O. Box 1120  
Roswell, NM 88201

Ellen Dean Haynes  
915 Lincoln Road  
Hobbs, NM 88240

Harvey A. Heller, Jr. & Frank Keating,  
Co-Trustees of The Heller Company  
Revocable Trust  
P. O. Box 3206

Winifred Holloway Hill  
3630 Elmwood Drive  
Riverside, CA 92506

Mary Teresa Christmas Holladay  
P. O. Box 3444  
Houston, TX 77001

Carrie Mae Holloway  
417 South Plum  
Pecos, TX 79772

Floy G. Holloway  
P. O. Box 1383  
Upland, CA 91786

Mille B. Jones  
LOST

Harry M. Kurtworth  
NO ADDRESS

James W. McFarland, Jr.  
208 Juanita Way  
Placentia, CA 92670

Dora L. McKnight, Trustee  
P. O. Box 1738  
Roswell, NM 88201

C. C. & Kathleen P. Mills  
6412 Dakar Road  
Ft. Worth, TX 76116

J. Hiram Moore & Betty Jane Moore Indenture of Trust  
P. O. Box 10908  
Midland, TX 79702

Helen Persion  
1600 Livonia Avenue  
Los Angeles, CA 90035

Kenneth I. & Betty Persion  
10444 Holman Avenue  
Los Angeles, CA 90024

Nicholas Kevin Persion  
Century Park Center  
9911 West Pico Blvd.  
Suite 990  
Los Angeles, CA 90035

Penny Karen Persion  
Same as above

Edith Holloway Poole  
NO ADDRESS

T. T. Sanders, Jr.  
P. O. Box 550  
Roswell, NM 88201

Tommie Lee Schmidt a/k/a Tonja Weir  
711 Greenview Circle  
Sand Springs, OK 74063

Dorothy Jean Sparger  
P. O. Box 1112  
Hobbs, NM 88240

June Danglade Speight  
P. O. Drawer 1687  
Lovington, NM 88260

Harold C. Stone  
4932 N. Marlborough  
Milwaukee, WI 53217

Robert E. Stone  
3742-A W. Lakefield Drive  
Milwaukee, WI 53215