

DHC 7/29/98

2068

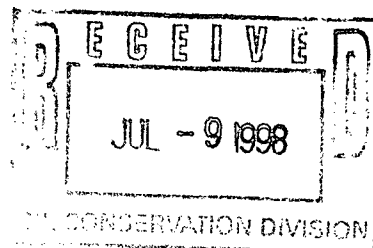


2000 POST OAK BOULEVARD / SUITE 100 / HOUSTON, TEXAS 77056-4400

(713) 296-6000

July 6, 1998

Division Director  
State of New Mexico  
Oil Conservation Division  
2040 S. Pacheco  
Santa Fe, NM 87505-6429



**Re: Application to Downhole Commingle  
Owen "B" #6  
Eunice North (BTD) Field  
Lea County, NM  
Unit K, Sec. 34, T21S, R37E**

Dear Director:

Please find enclosed an application to downhole commingle the Owen "B" #6 well. The following is attached:

- 1) Form C-107A
- 2) Offset Operators
- 3) C-102 (Wantz Abo)
- 4) C-102 (Drinkard)
- 5) #7 from C-107A, New Zones:  
Anticipated rates determined by offset production curves (attached):  
Tubb: 250 MCF, 1 BBL  
Drinkard: 100 MCF, 1 BBL
- 6) Production Data (Abo)
- 7) #9 from C-107A: Actual production allocation will be determined by actual well test.

If you have any questions or need additional information, please feel free to contact me at (713) 296-7152.

Sincerely,  
**APACHE CORPORATION**

*Deborah K. Hoyt*

Deborah K. Hoyt  
Engineering Technician

dkh

cc: State of New Mexico  
P.O. Box 1980  
Hobbs, NM 88240

## EXHIBIT "B" - CASE NO. 11353, ORDER NO. R-10470-A

## 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 S. Pacheco  
Santa Fe, New Mexico 87505-6429

Form C-107A

New 3-12-96

## APPROVAL PROCESS:

☒ Administrative☐ Hearing

## EXISTING WELLBORE

☒ Yes ☐ No

## APPLICATION FOR DOWNHOLE COMMINGLING

APACHE CORPORATION 2000 Post Oak Blvd. Ste. 100, Houston, TX 77056  
Operator Address  
OWEN "B" 6 K-Sec 34-T21S-R37E LEA  
Lease Well No. Unit Ltr.-Sec-Twp-Rgn County

Spacing Unit Lease Types: (one or more)

OGRID NO. 873 Property Code 22879 API No. 30-025-34321 ☐ Federal ☐ State ☒ Fee

The following facts are submitted in support of downhole commingling:	Upper Zone	Intermediate Zones	Lower Zone
1. Pool Name and Pool Code	TUBB/19190	DRINKARD/19190	WANTZ ABO/62700
2. Top and Bottom of Pay Section (Perforations)	86440		6708'-7264'
3. Type of production (Oil or Gas)	GAS	GAS	OIL
4. Method of Production (Flowing or Artificial Lift)	A.L.	A.L.	A.L.
5. Bottomhole Pressure	a. (Current)	a.	a.
Oil Zones - Artificial Lift:			
Estimated Current	600	600	2100
Gas & Oil - Flowing:			
Measured Current	b. (Original)	b.	b.
All Gas Zones:			
Estimated or Measured Original	2180	2660	2825
6. Oil Gravity (*API) or Gas BTU Content	1330	1310	35.1
7. Producing or Shut-In?	BP	BP	PRODUCING
Production Marginal? (Yes or No)	NO	NO	NO
* If Shut-In, give date and oil/gas/water rates of last production	Date: Rates:	Date: Rates:	Date: Rates:
Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data			
* If Producing, give date and oil/gas/water rates of recent test (within 80 days)	Date: Rates:	Date: Rates:	Date: 6/24/98 Rates: 8 BBL 150 MCF
8. Fixed Percentage Allocation Formula - % for each zone	Oil: 10% Gas: 50%	Oil: 10% Gas: 20%	Oil: 80% Gas: 30%

9. If allocation formula is based upon something other than current or past production, or is based upon some other method, submit attachments with supporting data and/or explaining method and providing rate projections or other required data.

10. Are all working, overriding, and royalty interests identical in all commingled zones?

☒ Yes ☐ No

If not, have all working, overriding, and royalty interests been notified by certified mail?

☐ Yes ☐ No

Have all offset operators been given written notice of the proposed downhole commingling?

☐ Yes ☐ No

11. Will cross-flow occur? ☐ Yes ☒ No If yes, are fluids compatible, will the formations not be damaged, will any cross-flowed production be recovered, and will the allocation formula be reliable. ☐ Yes ☐ No (If No, attach explanation)

12. Are all produced fluids from all commingled zones compatible with each other? ☒ Yes ☐ No

13. Will the value of production be decreased by commingling? ☐ Yes ☒ No (If Yes, attach explanation)

14. If this well is on, or communitized with, state or federal lands, either the Commissioner of Public Lands or the United States

Bureau of Land Management has been notified in writing of this application.

☐ Yes ☒ No

15. NMOC Reference Cases for Rule 303(C) Exceptions:

ORDER NO(S).

## 16. ATTACHMENTS:

- \* C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
- \* Production curve for each zone for at least one year. (If not available, attach explanation.)
- \* For zones with no production history, estimated production rates and supporting data.
- \* Data to support allocation method or formula.
- \* Notification list of all offset operators.
- \* Notification list of working, overriding, and royalty interests for uncommon interest cases.
- \* Any additional statements, data, or documents required to support commingling.

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

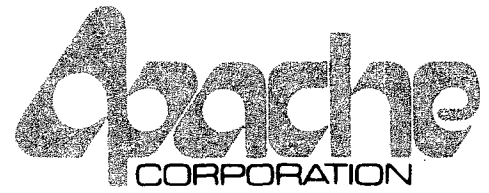
SIGNATURE

TYPE OR PRINT NAME DEBORAH K. HOYT

TITLE ENGINEERING TECHNICIAN

DATE 7/6/98

TELEPHONE NO. 713-296-7152



July 6, 1998

**OFFSET OPERATORS**

(See Attached List)

**Re: Downhole Commingle Application  
Owen "B" #6  
Eunice North (BTD) Field  
Lea County, NM  
Unit K, Sec. 34, T21S, R37E**

Offset Operators:

Please find attached an application that Apache Corporation has applied for with the State of New Mexico OCD to downhole commingle the Tubb/Drinkard/Abo formations for the Owen "B" #6. Notify the OCD in Santa Fe within 20 days if you object to this commingle.

If you have any questions regarding this application, please contact the Production Engineer, Bruce West at (713) 296-7127.

Sincerely,

**APACHE CORPORATION**

A handwritten signature in cursive script that reads "Deborah K. Hoyt".

Deborah K. Hoyt  
Engineering Technician

dkh

cc: State of New Mexico  
2040 S. Pacheco  
Santa Fe, NM 87505-6429

**OFFSET OPERATORS  
OWEN "B" #6  
Unit K, Sec. 34, T21S, R37E**

**July 6, 1998**

**Titan Resources  
500 W. Texas, Ste. 500  
Midland, TX 79701  
Attn: Production Dept.**

**Mobil Exploration & Production  
Box 633  
500 W. Illinois  
Midland, TX 79702  
Attn: Production Dept.**

**John H. Hendrix Corporation  
Box 3040  
110 N. Marienfeld, Ste. 400  
Midland, TX 79701  
Attn: Production Dept.**

**Exxon Company U.S.A.  
Box 1600  
Midland, TX 79702  
Attn: Production Dept.**

**Chevron U.S.A. Production Company  
Box 1635  
Houston, TX 77251  
Attn: Production Dept.**

**Shell Exploration & Production  
Box 576  
Houston, TX 77001  
Attn: Production Dept.**

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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, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
P. O. Box 2088  
Santa Fe, NM 87504-2088

Form C-101  
Revised February 10, 1994  
Instructions on back  
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. Apache Corporation C/O J. O. Easley, Inc. P. O. Box 245 Artesia, NM 88211-0245		<sup>2</sup> OGRID Number 873
		<sup>3</sup> API Number 30-025- 34321
<sup>4</sup> Property Code 22879	<sup>5</sup> Property Name Owen "B."	<sup>6</sup> Well No. 6

<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
K	34	21S	37E		1980	South	2180	West	Lea

<sup>8</sup> Proposed Bottom Hole Location If Different From Surface									
UL or lot no.									
<sup>9</sup> Proposed Pool 1 Wantz Granite Wash (62730)					<sup>10</sup> Proposed Pool 2 Wantz Abo (62700)				

<sup>11</sup> Work Type Code N	<sup>12</sup> Well Type Code O	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code P	<sup>15</sup> Ground Level Elevation 3429
<sup>16</sup> Multiple	<sup>17</sup> Proposed Depth 7600'	<sup>18</sup> Formation Granite Wash / Abo	<sup>19</sup> Contractor	<sup>20</sup> Spud Date ASAP

<sup>21</sup> Proposed Casing and Cement Program					
Hole size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/4"	9 5/8"	36# K-55	1225'	500 sxs PBCZ	circulate to surf.
7 7/8"	5 1/2"	17# K-55	7600'	300 sxs Hal.Lite	circulate to surf.
				+ 875 sxs 50/50 POZ	

<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.

Propose to drill 12 1/4" hole to 1225', run & set 1225' of 9 5/8" and cement,  
drill 7 7/8" hole to 7600', run & set 7600' of 5 1/2" and cement.

Blow Out Prevention: See attached copy

Permit Expires 1 Year From Approval  
Date Unless Drilling Underway

<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>Michael R. Burch</i>		<b>OIL CONSERVATION DIVISION</b>	
Printed name: Michael R. Burch, CPL		Approved by: ORIGINAL SIGNED BY CHRIS WILLIAMS	
Title: Agent for Apache Corporation		Title: DISTRICT I SUPERVISOR	
Date: 2-27-98		Approval Date: 6 6 1994	Expiration Date:
Phone: 505-746-1070		Conditions of Approval: Attached <input type="checkbox"/>	

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

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

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

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

☐ AMENDED REPORT

DISTRICT IV  
P.O. Box 2088, Santa Fe, NM 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025- 34321	Pool Code 62730 / 62700	Pool Name Wantz Granite Wash/Wantz Abo
Property Code 22879	Property Name OWEN u. B.	Well Number 6
OGRID No. 873	Operator Name APACHE CORPORATION	Elevation 3429

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	34	21 S	37 E		1980	SOUTH	2180	WEST	LEA

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 40	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

	<b>OPERATOR CERTIFICATION</b>  I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.  Signature: <u>Michael R. Burch</u> Michael R. Burch, CPL  Printed Name: <u>Agent for Apache Corp.</u>  Title: <u>2-26-98</u>  Date: <u>2-26-98</u>	
	<b>SURVEYOR CERTIFICATION</b>  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.  FEBRUARY 4, 1998  Date Surveyed: <u>JLP</u>  Signature & Seal of Professional Surveyor: <u>RONALD L. EIDSON</u>  W.O. Num. 98-11-0195  Certificate No. <u>RONALD L. EIDSON, 3239</u> <u>12641</u> <u>MACON McDONALD, 12185</u>	

District I  
P.O. Box 1980, Hobbs, NM 88241-1980  
District II  
811 South First, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-101  
Revised October 18, 1994  
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Fee Lease - 5 Copies

☐ AMENDED REPORT

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

1 Operator Name and Address Apache Corporation 2000 Post Oak Blvd. Ste. 100 Houston, Texas 77056-4400		2 OGRID Number 873
		3 API Number 30-025-34321
4 Property Code 22879	5 Property Name Owen "B"	6 Well No. 6

7 Surface Location									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
K	34	21S	37E		1980'	South	2180'	West	Lea

8 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
9 Proposed Pool 1 Blinebry/Tubb/Drinkard					10 Proposed Pool 2 Paddock (49210)				

11 Work Type Code N	12 Well Type Code O	13 Cable/Rotary R	14 Lease Type Code P	15 Ground Level Elevation 3429'
16 Multiple	17 Proposed Depth 7600'	18 formation	19 Contractor	20 Spud Date 3/31/98

21 Proposed Casing and Cement Program					
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12-1/4"	9-5/8"	36#, K-55	1225'	500 sxs	Circ. To surf.
7-7/8"	5-1/2"	17#, K-55	7600'	300 sxs	Circ. To surf.

22 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.

Currently producing in the Wantz Abo. Propose to move uphole to the Paddock and Blinebry/Tubb/Drinkard.  
Applying for a Permit to Downhole Commingle and Surface Commingle.

Permit Expires 1 Year From Approval  
Date Unless Otherwise Indicated  
Plugback

Blinebry OAG  
Tubb OAG

23 I hereby certify that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Signature: Deborah K. Hoyt		Approved by: ORIGINAL SIGNED BY CHRIS WILLIAMS	
Printed Name: Deborah K. Hoyt		DISTRICT I SUPERVISOR	
Title: Engineering Technician (713) 296-7152		Approval Date: JUN 17 1998	Expiration Date:



## 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

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

## DISTRICT II

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

## DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

## OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

## DISTRICT IV

P.O. Box 2088, Santa Fe, NM 87504-2088

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025- 34321	Pool Code 1990	Pool Name Drinkard
Property Code 22879	Property Name OWEN u. B.	Well Number 6
OGRID No. 873	Operator Name APACHE CORPORATION	Elevation 3429

## Surface Location

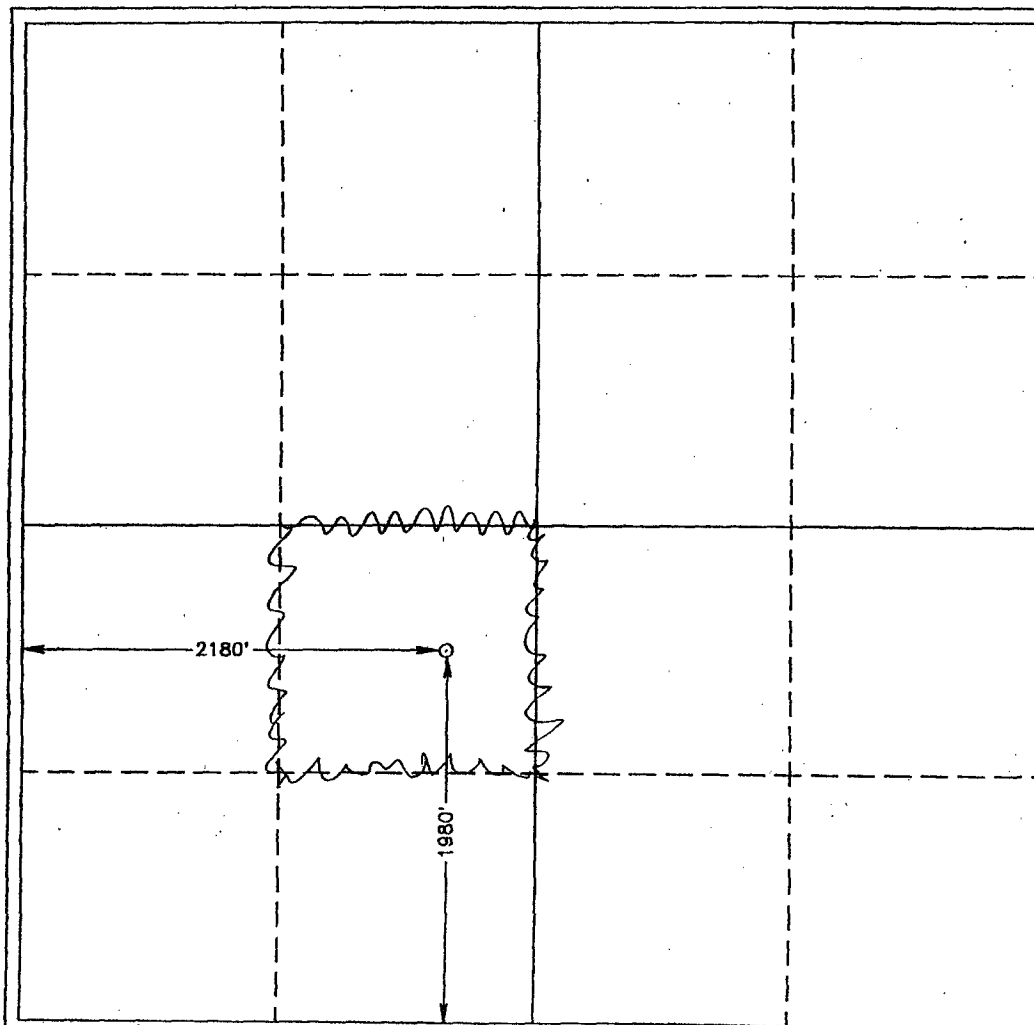
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	34	21 S	37 E		1980	SOUTH	2180	WEST	LEA

## 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 40	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



## OPERATOR CERTIFICATION

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

*Michael R. Burch*  
Signature Michael R. Burch, CPL

Printed Name Agent for Apache Corp.

Title 2-26-98

Date

## SURVEYOR CERTIFICATION

I hereby certify that the well location shown  
on this plat was plotted from field notes of  
actual surveys made by me or under my  
supervision, and that the same is true and  
correct to the best of my belief.

FEBRUARY 4, 1998

Date Surveyed J. EIDSON JLP

Signature & Seal of  
Professional Surveyor

*Donald J. Eidsen*  
Signature Donald J. Eidsen 2-05-98

NO. Num. 98-1195

Certified by RONALD EIDSON 3239  
PROFESSOR EIDSON 12641  
WACON McDONALD 12185

Area : 205 MIDLAND  
Field : RUNICE AREA  
Reservoir : Not on file  
Well : OMEX / B / #6:ABO

THE OILFIELD WORKSTATION  
APACHE - WESTERN REGION  
TEST HISTORY REPORT

PG NO : 1  
AS OF : 07/06/98

DATE	24 HR PRODUCTION				PRESSURES										API				LVL	CHL	EMUL	IRON	PM	TY										
	OIL	GAS	WATER	LIFT	GOR	H2O	GPR	TUB	CAS	SHUTIN	SIZE	SEL	EF	SPM	HR	MM	GRV	PR							ON	OFF	%							
05/13/98	0.00	92.00	0.00	0.00	0	0.00	0.00	0	0	0	0.00	0	0	00	24	00	0.0	A	0:00	0:00	00	0	0	0.000	0	PU	PO	0	0.000	0	0.000	0	PU	PO
05/16/98	0.00	170.00	0.00	0.00	0	0.00	0.00	0	0	0	0.00	0	0	00	24	00	0.0	A	0:00	0:00	00	0	0	0.000	0	PU	PO	0	0.000	0	0.000	0	PU	PO
05/17/98	0.00	90.00	0.00	0.00	0	0.00	0.00	0	0	0	0.00	0	0	00	24	00	0.0	A	0:00	0:00	00	0	0	0.000	0	PU	PO	0	0.000	0	0.000	0	PU	PO
05/18/98	14.00	90.00	0.00	0.00	6429	0.00	6428.57	0	0	0	0.00	0	0	00	24	00	0.0	A	0:00	0:00	00	0	0	0.000	0	PU	PO	0	0.000	0	0.000	0	PU	PO
05/20/98	35.20	283.20	70.40	0.00	8045	0.67	2681.82	0	0	0	0.00	0	0	00	15	00	0.0	A	0:00	0:00	00	1225	0	0.000	0	PU	PO	0	0.000	0	0.000	0	PU	PO
05/21/98	36.00	220.00	16.00	0.00	6111	0.31	4230.77	0	0	0	0.00	0	0	00	24	00	0.0	A	0:00	0:00	00	0	0	0.000	0	PU	PO	0	0.000	0	0.000	0	PU	PO
05/22/98	19.00	175.00	3.00	0.00	9211	0.14	7954.55	0	0	0	0.00	0	0	00	24	00	0.0	A	0:00	0:00	00	0	0	0.000	0	PU	PO	0	0.000	0	0.000	0	PU	PO
05/23/98	19.00	173.00	3.00	0.00	9105	0.14	7853.64	0	0	0	0.00	0	0	00	24	00	0.0	A	0:00	0:00	00	0	0	0.000	0	PU	PO	0	0.000	0	0.000	0	PU	PO
05/24/98	19.00	159.00	3.00	0.00	8368	0.14	7227.27	0	0	0	0.00	0	0	00	24	00	0.0	A	0:00	0:00	00	0	0	0.000	0	PU	PO	0	0.000	0	0.000	0	PU	PO
05/25/98	21.00	157.00	0.00	0.00	7476	0.00	7476.19	0	0	0	0.00	0	0	00	24	00	0.0	A	0:00	0:00	00	0	0	0.000	0	PU	PO	0	0.000	0	0.000	0	PU	PO
05/26/98	15.00	154.00	0.00	0.00	10267	0.00	10266.67	0	0	0	0.00	0	0	00	24	00	0.0	A	0:00	0:00	00	0	0	0.000	0	PU	PO	0	0.000	0	0.000	0	PU	PO
05/27/98	17.00	155.00	0.00	0.00	9118	0.00	9117.65	0	0	0	0.00	0	0	00	24	00	0.0	A	0:00	0:00	00	0	0	0.000	0	PU	PO	0	0.000	0	0.000	0	PU	PO
05/28/98	16.00	155.00	3.00	0.00	9688	0.16	8157.89	0	0	0	0.00	0	0	00	24	00	0.0	A	0:00	0:00	00	0	0	0.000	0	PU	PO	0	0.000	0	0.000	0	PU	PO
05/29/98	14.00	152.00	3.00	0.00	11071	0.18	9117.65	0	0	0	0.00	0	0	00	24	00	0.0	A	0:00	0:00	00	0	0	0.000	0	PU	PO	0	0.000	0	0.000	0	PU	PO
05/30/98	16.00	152.00	3.00	0.00	9500	0.16	8000.00	0	0	0	0.00	0	0	00	24	00	0.0	A	0:00	0:00	00	0	0	0.000	0	PU	PO	0	0.000	0	0.000	0	PU	PO
05/31/98	16.00	155.00	3.00	0.00	9688	0.16	8157.89	0	0	0	0.00	0	0	00	24	00	0.0	A	0:00	0:00	00	0	0	0.000	0	PU	PO	0	0.000	0	0.000	0	PU	PO
06/01/98	17.00	155.00	3.00	0.00	9118	0.00	9117.65	0	0	0	0.00	0	0	00	24	00	0.0	A	0:00	0:00	00	0	0	0.000	0	PU	PO	0	0.000	0	0.000	0	PU	PO
06/02/98	16.00	155.00	3.00	0.00	9688	0.16	8157.89	0	0	0	0.00	0	0	00	24	00	0.0	A	0:00	0:00	00	0	0	0.000	0	PU	PO	0	0.000	0	0.000	0	PU	PO
06/03/98	11.00	150.00	0.00	0.00	13636	0.00	13636.36	0	0	0	0.00	0	0	00	24	00	0.0	A	0:00	0:00	00	0	0	0.000	0	PU	PO	0	0.000	0	0.000	0	PU	PO
06/04/98	11.00	156.00	3.00	0.00	14182	0.21	11142.86	0	0	0	0.00	0	0	00	24	00	0.0	A	0:00	0:00	00	0	0	0.000	0	PU	PO	0	0.000	0	0.000	0	PU	PO
06/05/98	8.00	154.00	3.00	0.00	13250	0.27	14000.00	0	0	0	0.00	0	0	00	24	00	0.0	A	0:00	0:00	00	0	0	0.000	0	PU	PO	0	0.000	0	0.000	0	PU	PO
06/06/98	11.00	154.00	3.00	0.00	14000	0.21	11000.00	0	0	0	0.00	0	0	00	24	00	0.0	A	0:00	0:00	00	0	0	0.000	0	PU	PO	0	0.000	0	0.000	0	PU	PO
06/07/98	8.00	155.00	2.00	0.00	15375	0.20	15500.00	0	0	0	0.00	0	0	00	24	00	0.0	A	0:00	0:00	00	0	0	0.000	0	PU	PO	0	0.000	0	0.000	0	PU	PO
06/08/98	10.00	150.00	3.00	0.00	15000	0.23	11500.46	0	0	0	0.00	0	0	00	24	00	0.0	A	0:00	0:00	00	0	0	0.000	0	PU	PO	0	0.000	0	0.000	0	PU	PO
06/09/98	8.00	157.00	3.00	0.00	16625	0.27	14272.73	0	0	0	0.00	0	0	00	24	00	0.0	A	0:00	0:00	00	0	0	0.000	0	PU	PO	0	0.000	0	0.000	0	PU	PO
06/10/98	11.00	159.00	3.00	0.00	14455	0.21	11357.14	0	0	0	0.00	0	0	00	24	00	0.0	A	0:00	0:00	00	0	0	0.000	0	PU	PO	0	0.000	0	0.000	0	PU	PO
06/11/98	11.00	161.00	3.00	0.00	14636	0.21	11500.00	0	0	0	0.00	0	0	00	24	00	0.0	A	0:00	0:00	00	0	0	0.000	0	PU	PO	0	0.000	0	0.000	0	PU	PO
06/12/98	10.00	160.00	3.00	0.00	16000	0.23	12307.69	0	0	0	0.00	0	0	00	24	00	0.0	A	0:00	0:00	00	0	0	0.000	0	PU	PO	0	0.000	0	0.000	0	PU	PO
06/13/98	11.00	159.00	3.00	0.00	14455	0.00	14454.55	0	0	0	0.00	0	0	00	24	00	0.0	A	0:00	0:00	00	0	0	0.000	0	PU	PO	0	0.000	0	0.000	0	PU	PO
06/14/98	8.00	161.00	3.00	0.00	20125	0.27	14636.36	0	0	0	0.00	0	0	00	24	00	0.0	A	0:00	0:00	00	0	0	0.000	0	PU	PO	0	0.000	0	0.000	0	PU	PO
06/15/98	8.00	164.00	0.00	0.00	20500	0.00	20500.00	0	0	0	0.00	0	0	00	24	00	0.0	A	0:00	0:00	00	0	0	0.000	0	PU	PO	0	0.000	0	0.000	0	PU	PO
06/16/98	8.00	161.00	3.00	0.00	20125	0.27	14636.36	0	0	0	0.00	0	0	00	24	00	0.0	A	0:00	0:00	00	0	0	0.000	0	PU	PO	0	0.000	0	0.000	0	PU	PO
06/17/98	8.00	161.00	3.00	0.00	20125	0.27	14636.36	0	0	0	0.00	0	0	00	24	00	0.0	A	0:00	0:00	00	0	0	0.000	0	PU	PO	0	0.000	0	0.000	0	PU	PO
06/18/98	8.00	162.00	3.00	0.00	20250	0.00	20250.00	0	0	0	0.00	0	0	00	24	00	0.0	A	0:00	0:00	00	0	0	0.000	0	PU	PO	0	0.000	0	0.000	0	PU	PO
06/19/98	8.00	162.00	3.00	0.00	20250	0.27	14727.27	0	0	0	0.00	0	0	00	24	00	0.0	A	0:00	0:00	00	0	0	0.000	0	PU	PO	0	0.000	0	0.000	0	PU	PO
06/20/98	8.00	170.00	0.00	0.00	21250	0.00	21250.00	0	0	0	0.00	0	0	00	24	00	0.0	A	0:00	0:00	00	0	0	0.000	0	PU	PO	0	0.000	0	0.000	0	PU	PO
06/21/98	8.00	169.00	3.00	0.00	21250	0.27	14544.55	0	0	0	0.00	0	0	00	24	00	0.0	A	0:00	0:00	00	0	0	0.000	0	PU	PO	0	0.000	0	0.000	0	PU	PO
06/22/98	8.00	173.00	0.00	0.00	21625	0.00	21625.00	0	0	0	0.00	0	0	00	24	00	0.0	A	0:00	0:00	00	0	0	0.000	0	PU	PO	0	0.000	0	0.000	0	PU	PO
06/23/98	6.00	169.00	0.00	0.00	28167	0.00	28166.67	0	0	0	0.00	0	0	00	24	00	0.0	A	0:00	0:00	00	0	0	0.000	0	PU	PO	0	0.000	0	0.000	0	PU	PO

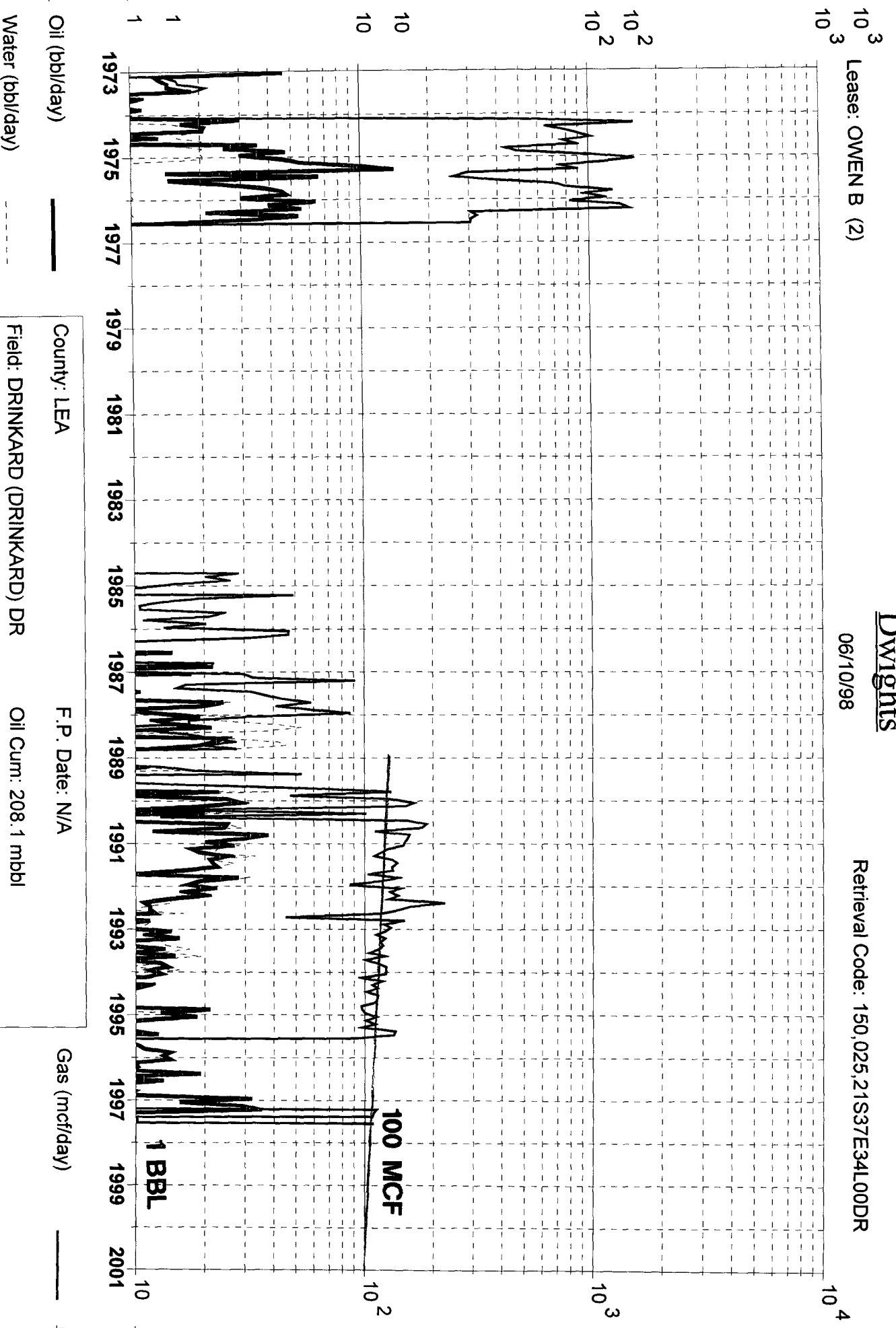
\*\*\*\*\* END OF TESTS \*\*\*\*\*  
\*\*\*\*\* END OF REPORT \*\*\*\*\*

# Dwights

Lease: OWEN B (2)

06/10/98

Retrieval Code: 150,025,21S37E34L00DR

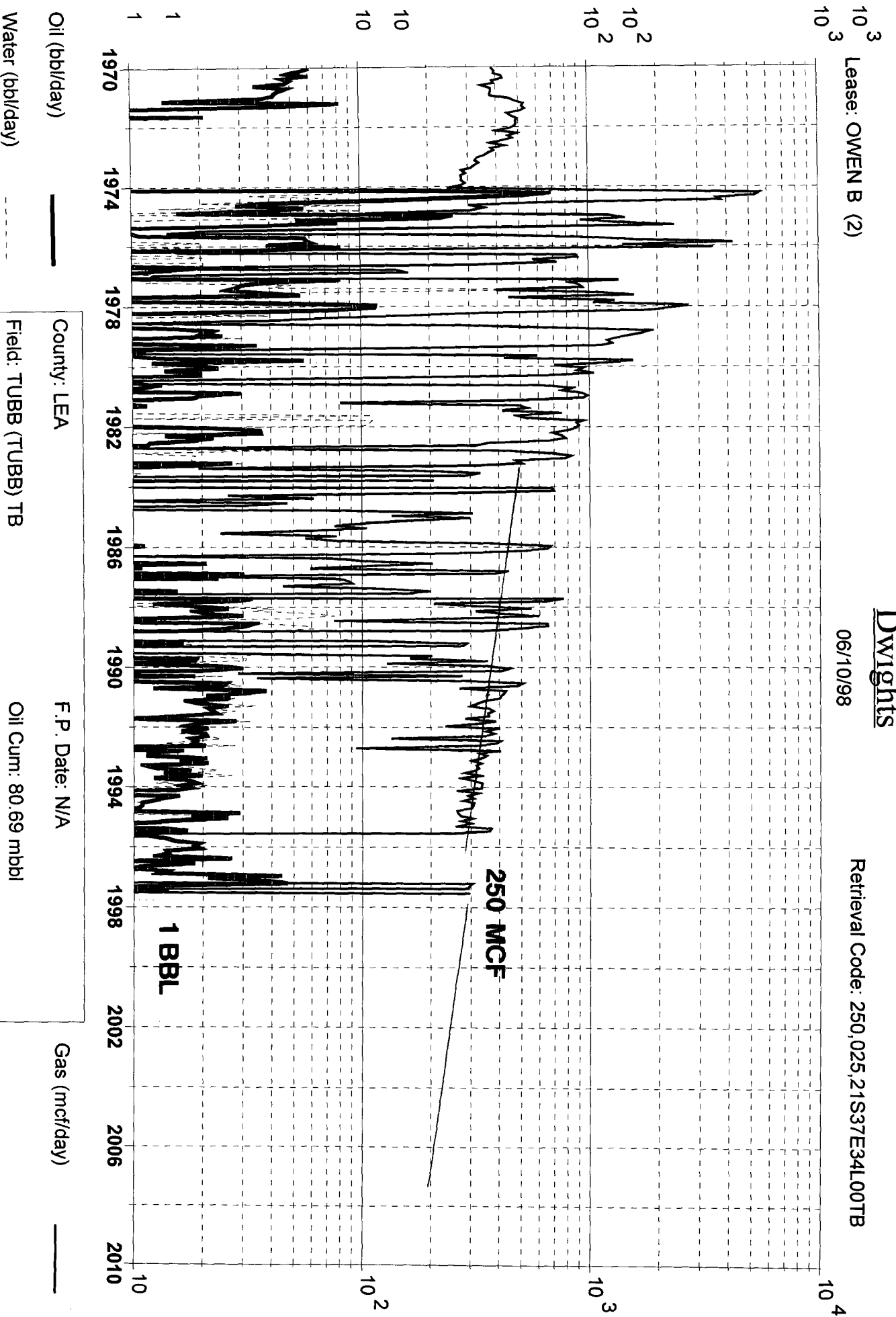


# Dwights

Lease: OWEN B (2)

06/10/98

Retrieval Code: 250,025,21S37E34L00TB



Oil (bbl/day)

Water (bbl/day)

County: LEA

Field: TUBB (TUBB) TB

Reservoir: TUBB

Operator: ALTURA ENERGY LTD

F.P. Date: N/A

Oil Cum: 80.69 mbbl

Gas Cum: 7160 mmcf

Location: 34L 21S 37E