

DATE IN <u>2/24/99</u>	SUSPENSE <u>3/16/99</u>	ENGINEER <u>DC</u>	LOGGED <u>RN</u>	TYPE <u>DHC</u> AMEND
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

ADMINISTRATIVE APPLICATION COVERSHEET

THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS

Application Acronyms:

FEB 24 1999

[NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location]

[DD-Directional Drilling] [SD-Simultaneous Dedication]

[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]

[PC-Pool Commingling] [OLS-Off-Lease Storage] [OLM-Off-Lease Measurement]

[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]

[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]

[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] **TYPE OF APPLICATION - Check Those Which Apply for [A]**

[A] Location - Spacing Unit - Directional Drilling

☐ NSL ☐ NSP ☒ DD ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement

☒ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery

☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[2] **NOTIFICATION REQUIRED TO: - Check Those Which Apply, or ☐ Does Not Ap**

[A] ☐ Working, Royalty or Overriding Royalty Interest Owners

[B] ☒ Offset Operators, Leaseholders or Surface Owner

[C] ☐ Application if One Which Requires Published Legal Notice

[D] ☒ Notification and/or Concurrent Approval by BLM or SLO

U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office

[E] ☒ For all of the above, Proof of Notification or Publication is Attached, and/or,

[F] ☒ Waivers are Attached

[3] **INFORMATION / DATA SUBMITTED IS COMPLETE - Statement of Understandin**

I hereby certify that I, or personnel under my supervision, have read and complied with all applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicat verify that all interest (WI, RI, ORRI) is common. I further verify that all applicable API Numbers are included. I understand that any omission of data, information or notification is cause to have the application package returned with no action taken.

Note: Statement must be completed by an individual with supervisory capacity.

FRANCES M. BYERS

Print or Type Name



Signature

SR. ENGINEERING TECH

Title

2/22/99

Date



[713] 296-6000

February 23, 1999

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

**RE: Application to Amend DHC Permit to add Blinebry Formation
DHC #661
State C Tract 12 #6Y
Eunice Area
Lea County, NM**

Dear Mr. Stone:

Apache Corporation is proposing to add the Blinebry formation to our downhole-commingling Permit No. 661. Apache is anticipating rates of : **280 MCFPD, 117 BOPD** . To expedite this application, we are submitting signed waiver letters from offset operators.

To support our application the following is attached:

- 1) Administrative Application & Form C-107A
- 2) Table & Curve of Estimated Rates
- 3) Form C-102 for Blinebry, Tubb, & Drinkard Zones
- 4) Form C-101 Propose to Drill
- 5) Curve & Yearly Production Data on Drinkard-Tubb Zones
- 6) Data to support allocation method on offset leases
- 7) Map with half-mile radius
- 8) Signed Waiver Letters from Offset Opeators
- 9) Notarized Letter for Surface Owner

Should you have any questions, please contact me at (713) 296-6361.

Sincerely,

APACHE CORPORATION

A handwritten signature in cursive script that reads "Frances M. Byers".

Frances M. Byers

Attachments

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 COMMINGLE****APACHE CORPORATION**

Operator

2000 POST OAK BLVD. STE 100 - RM 358A

Address

HOUSTON, TX 77056-4400**STATE -C- TRACT 12****6Y****C - Sec. 16, T21S, R37E**

LEA

Lease

Well No.

Unit Ltr.-Sec-Twp-Rgn

County

Spacing Unit Lease Types: (one or more)

☐ Federal☒ State☐ FeeOGRID NO. **000873**Property Code **023113**

API No.

30-025-06628

The following facts are submitted in support of downhole commingling:

	Upper Zone	Intermediate Zones	Lower Zone
1. Pool Name and Pool Code	BLINEBRY/	TUBB/86440	DRINKARD/60240
2. Top and Bottom of Pay Section (Perforations)	5602'-5862'	6185'-6285'	6578'-6670'
3. Type of production (Oil or Gas)	GAS & OIL	GAS & OIL	GAS & OIL
4. Method of Production (Flowing or Artificial Lift)	AL	AL	FL
5. Bottomhole Pressure	a. (Current) 600	a. 1900-2200	a. 500-1050
Oil Zones - Artificial Lift: Estimated Current			
Gas & Oil - Flowing: Measured Current	b. (Original) 2180	b. 2200	b. 2660
All Gas Zones: Estimated or Measured Original			
6. Oil Gravity ("API) or Gas BTU Content	37	36.6	37
7. Producing or Shut-In?	NOT COMPLETED	PRODUCING	PRODUCING
Production Marginal? (Yes or No)	Y	N	Y
* 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: SEE TABLE ATTACHED	Date: 11/12/98 Rates: .5 BOPD, 1.5 BWPD, 40.8 MCFPD	Date: 11/12/98 Rates: 5 BOPD, 1.5 BWPD, 36.2 MCFPD
8. Fixed Percentage Allocation Formula - % for each zone	Oil: 50% Gas: 53%	Oil: 20% Gas: 80%	Oil: 20% Gas: 80%

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?

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

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

11. Will cross-flow occur? ☐ Yes ☒ No

If yes, are fluids compatible, will the formations be undamaged, will any cross-flow 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. NMOCD 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

Frances M. Byers

TITLE Sr. Engineering Tech

DATE 2/15/99

TYPE OR PRINT NAME

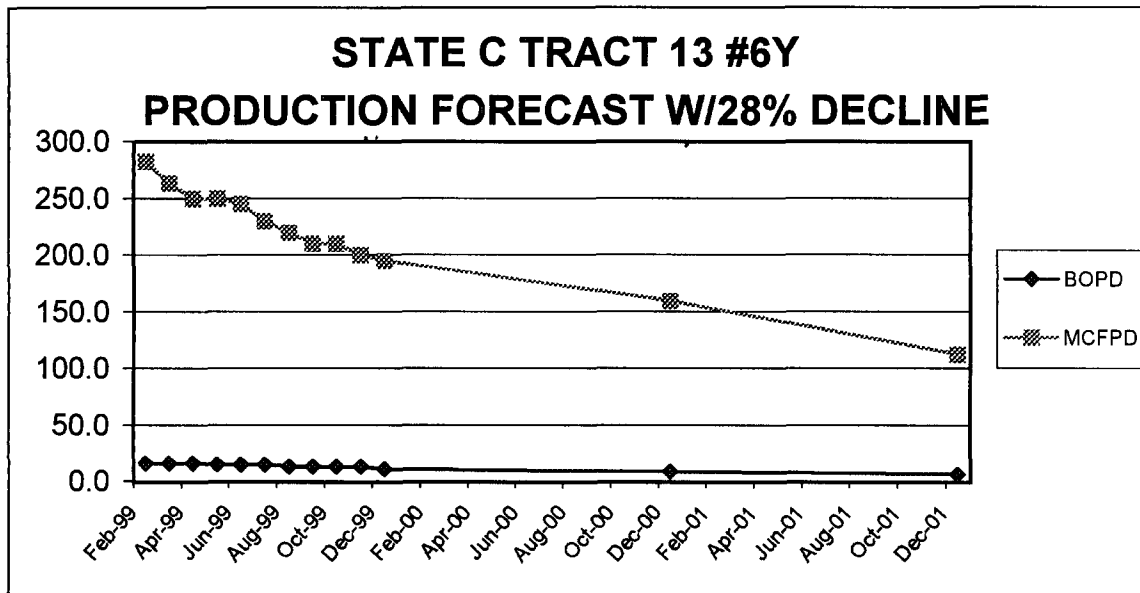
Frances M. Byers

TELEPHONE NO.

(713) 296-6361

STATE C TRACT 13 #6Y
BLINEBRY-TUBB-DRINKARD PRODUCTION FORECAST
FORECAST VOLUMES

	BOPD	MCFPD
Feb-99	15.6	282.3
Mar-99	15.6	263.0
Apr-99	15.6	250.0
May-99	14.4	250.0
Jun-99	14.4	245.0
Jul-99	14.4	230.0
Aug-99	12.8	220.0
Sep-99	12.8	210.0
Oct-99	12.8	210.0
Nov-99	12.8	200.0
Dec-99	10.9	195.0
Dec-00	8.7	159.4
Dec-01	6.3	112.7



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
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

1 Operator Name and Address Apache Corporation 2000 Post Oak Blvd. Ste. 100 - Room 358A Houston, Texas 77056-4400		2 OGRID Number 873
		3 API Number 30-025-06628
4 Property Code 23113	5 Property Name STATE 'C' TRACT 12	6 Well No. 6Y

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
C	16	21S	37E		720'	NORTH	1980'	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					10 Proposed Pool 2				

11 Work Type Code A	12 Well Type Code M	13 Cable/Rotary R	14 Lease Type Code STATE	15 Ground Level Elevation 3489'
16 Multiple Y	17 Proposed Depth 5600'	18 formation BLINEBRY	19 Contractor	20 Spud Date

21 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"	36#	297'	300	SURFACE
12-1/4"	9-5/8"	32#	2953'	1500	SURFACE
8-3/4"	7"	23#	6694'	100	SURFACE

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.

Propose to add Blinebry zone. Propose to downhole commingle the Blinebry-Drinkard-Tubb formation, application submitted 02/22/99. MI & RUCU and POH with rods and pump. Perforate Blinebry zone @5602'-5862' 1 JSPF, total of 142 holes. RIH with RBP test to 3000 PSI. Acidize w/3600 gals in 4 stages using rock salt in 10# gelled brine. Release packer, latch RBP and test to 2500#. Set packer @5520'. Acidize Blinebry zone with 3600 gals rock salt in gelled brine in 4 stages. Frac with 40,000 gals 65 Quality Foam frac fluid. Flush to top of perms. Run pump & rods. Return to production.

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

Signature: *Frances M. Byers*

Printed Name: Frances M. Byers

Title: Sr. Engineering Tech

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Expiration Date:

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

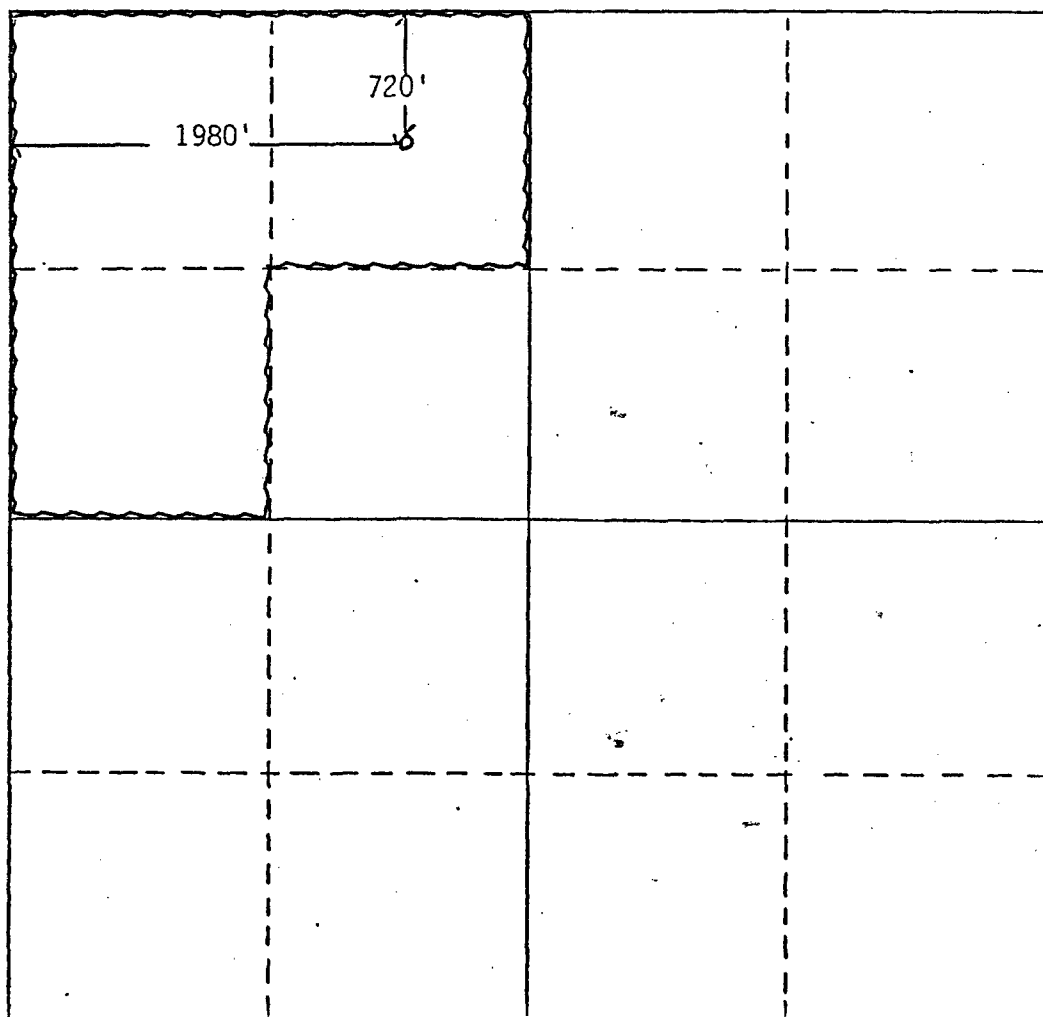
Operator Apache Corporation			Lease State C Tract 12		Well No. 6-Y
Unit Letter C	Section 16	Township 21-S	Range 37-E	County Lea	
Actual Footage Location of Well: 720 feet from the North line and 1980 feet from the West line					
Ground Level Elev. 3499' DF	Producing Formation Blinebry		Pool Blinebry	Dedicated Acreage: 120 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

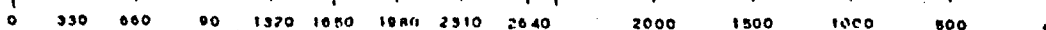
Name: *Charles M. Herring*
Position: Administrative Analyst
Company: Amoco Production Company
Date: 8-23-83

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 knowledge and belief.

Date Surveyed

Registered Professional Engineer and/or Land Surveyor

Certificate No.



NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

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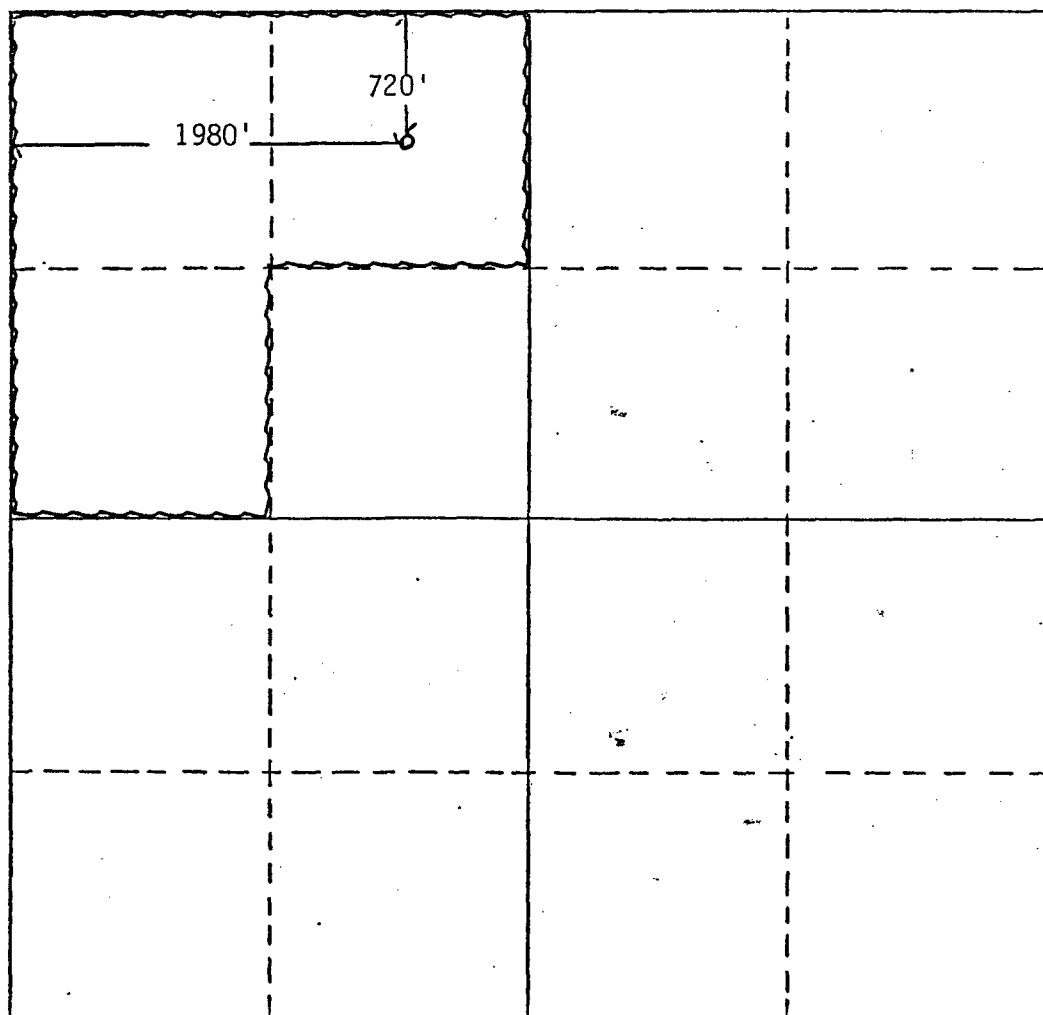
Operator Apache Corporation			Lease State C Tract 12		Well No. 6-Y
Unit Letter C	Section 16	Township 21-S	Range 37-E	County Lea	
Actual Footage Location of Well: 720 feet from the North line and 1980 feet from the West line					
Ground Level Elev. 3499' DF	Producing Formation Tubb		Pool Tubb Oil and Gas		Dedicated Acreage: 120 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

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CERTIFICATION

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

Name
Charles M. Herring
Position
Administrative Analyst
Company
Amoco Production Company
Date
8-23-83

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 knowledge and belief.

Date Surveyed
Registered Professional Engineer and/or Land Surveyor

Certificate No.

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
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All distances must be from the outer boundaries of the Section.

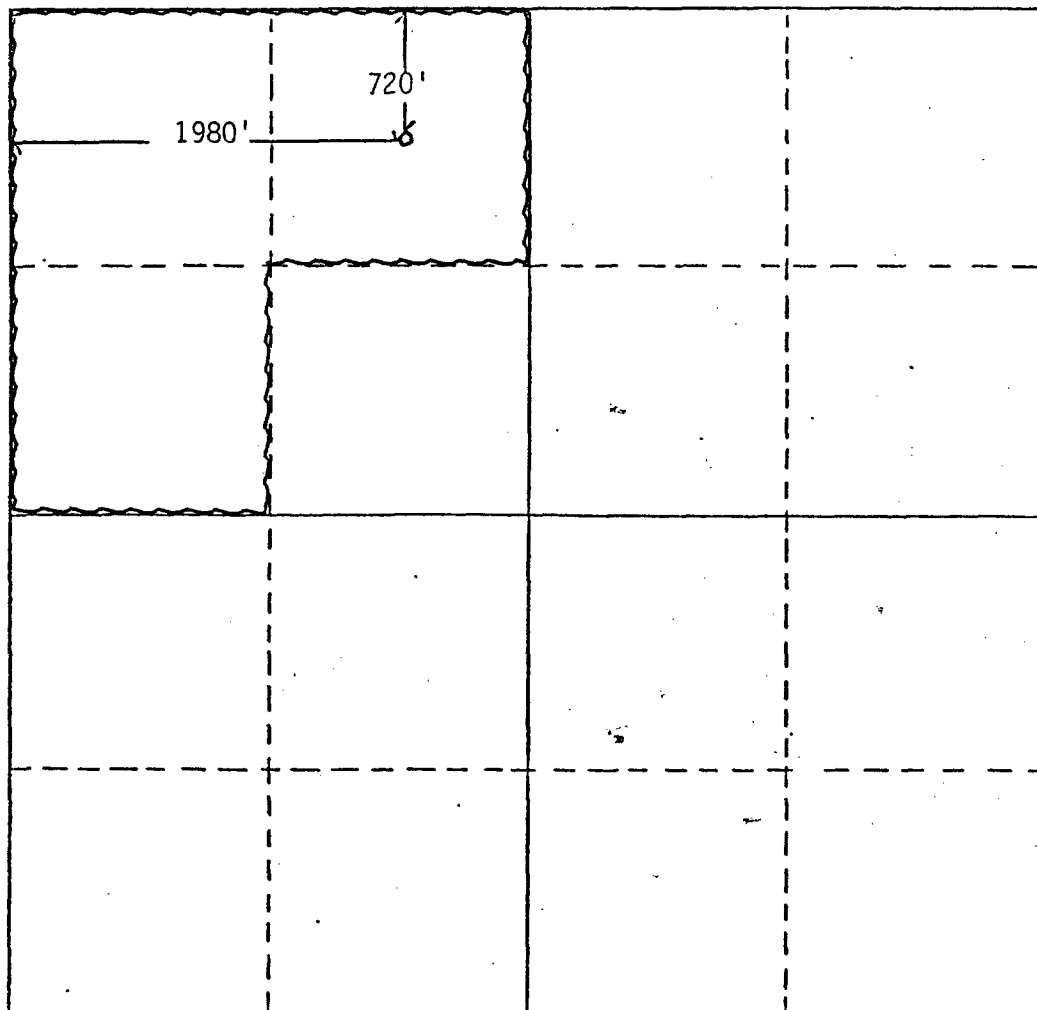
Operator Apache Corporation			Lease State C Tract 12		Well No. 6-Y
Unit Letter C	Section 16	Township 21-S	Range 37-E	County Lea	
Actual Footage Location of Well: 720 feet from the North line and 1980 feet from the West line					
Ground Level Elev. 3499' DF	Producing Formation Drinkard		Pool Drinkard	Dedicated Acreage 120 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

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CERTIFICATION

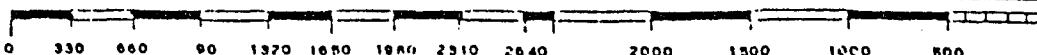
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name
Charles M. Herring
Position
Administrative Analyst
Company
Amoco Production Company
Date
8-23-83

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 knowledge and belief.

Date Surveyed
Registered Professional Engineer and/or Land Surveyor

Certificate No.



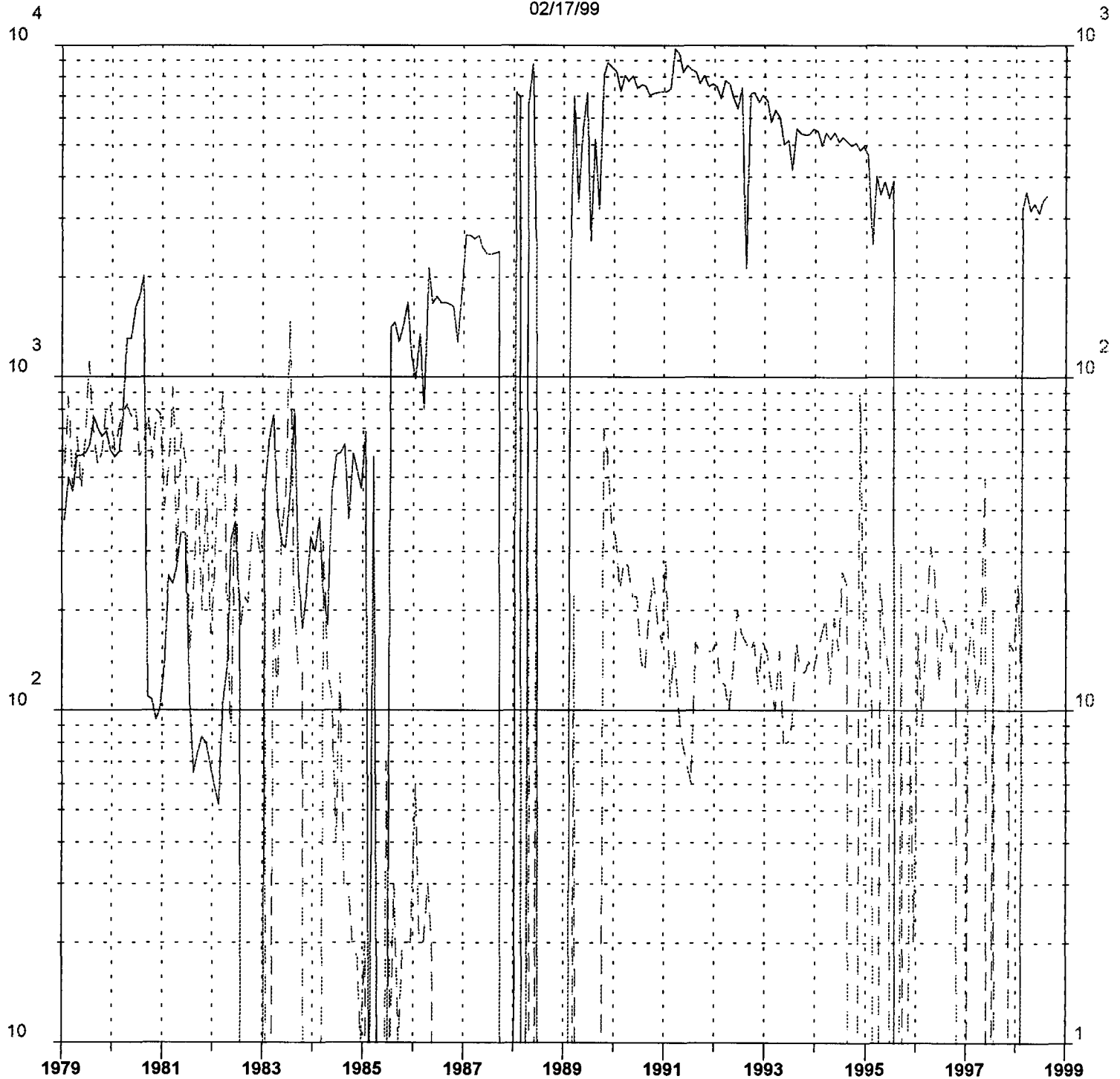
LEASE INFORMATION

Dwights

Lease: STATE C TR 12 (6Y)

Retrieval Code: 150,025,21S37E16C00DR

02/17/99



Gas (mcf/mo)

County: LEA

F.P. Date: N/A

Oil (bbl/mo)

Field: DRINKARD (DRINKARD) DR

Oil Cum: 191.5 mbbl

Reservoir: DRINKARD

Gas Cum: 1412 mmcf

Operator: APACHE CORP

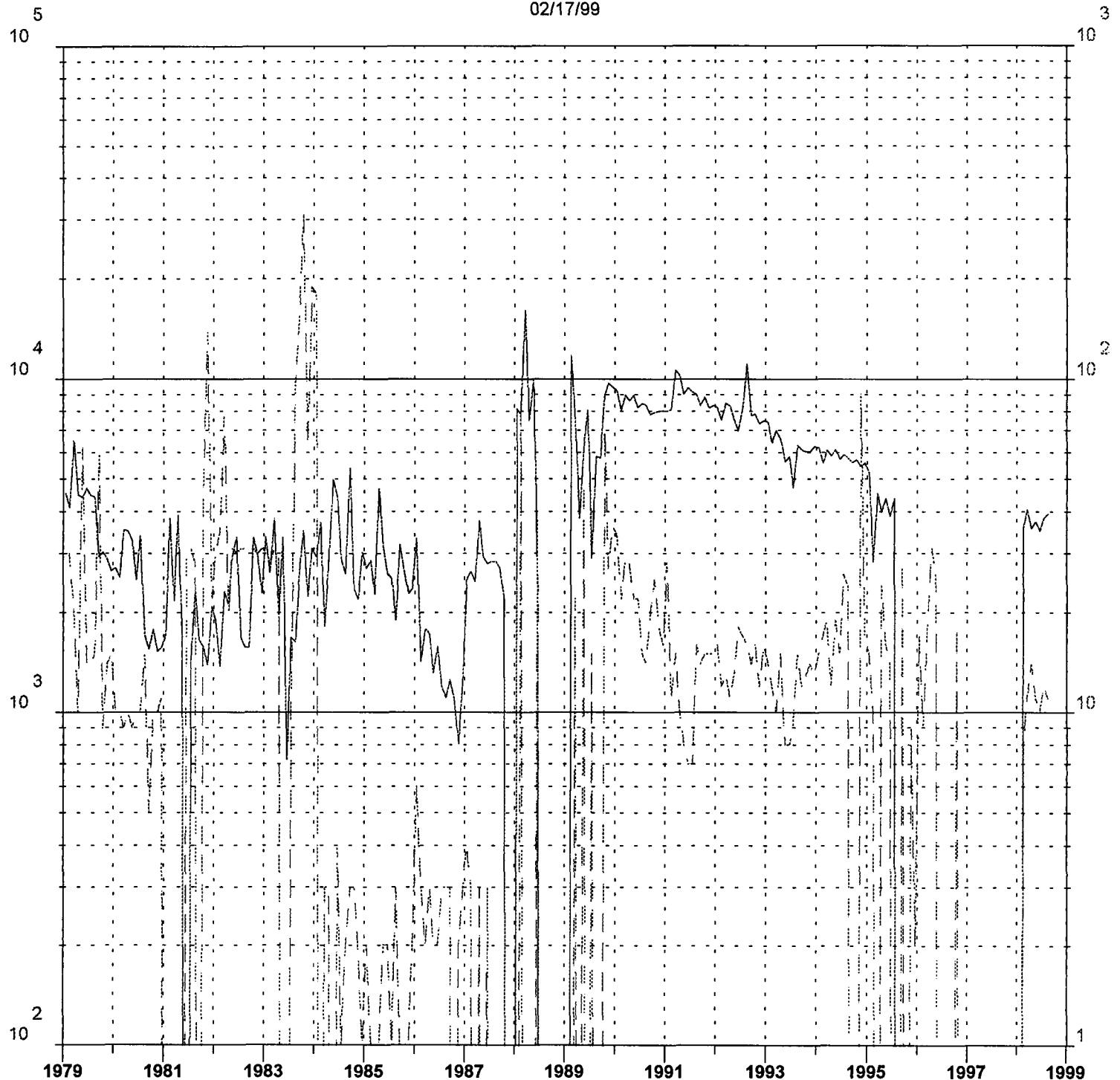
Location: 16C 21S 37E

Dwights

Lease: STATE C TR 12 (6Y)

Retrieval Code: 250,025,21S37E16C00TB

02/17/99



Gas (mcf/mo)

County: LEA

F.P. Date: N/A

Oil (bbl/mo)

Field: TUBB (TUBB) TB

Oil Cum: 24.62 mbbl

Reservoir: TUBB

Gas Cum: 5030 mmcf

Operator: AMOCO PRODUCTION C

Location: 16C 21S 37E

Operator:	APACHE CORP	
Well/Lease Name:	STATE C TR 12	
Well #:	6Y	Last Production Date: 08/98
Location:	16C 21S 37E	Cum. Thru L. P. Date Oil: 191,476
State:	NM	
District:	002	Cum. Thru L. P. Date Gas: 1,411,967
County:	LEA	Gas Cum. Since Date: 01/59
Regulatory #:		
API #:	30-025-0662800	
Field:	DRINKARD (DRINKARD) DR	
Reservoir:	DRINKARD	
Basin:	PERMIAN BASIN	
Gas Gatherer:	WARRE	
Liquid Gatherer:	AMOPL	
Status Date:		
Status:	ACT	

Year	Oil Prod BBLs	Gas Prod MCF	Water BBLs	# of Wells	Days On	Allowables
1970	1,728	51,852	362	1		
1971	1,928	46,688	365	1		
1972	1,247	40,488	297	1		
1973	709	17,885	255	1		
1974	884	23,476	256	1		
1975	676	19,252	248	1		
1976	557	8,329	280	1		
1977	523	2,493	883	1		
1978	885	7,422	346	1		
1979	825	7,122	361	1		
1980	859	10,317	363	1		
1981	513	2,062	364	1		
1982	417	1,250	584	1	365	
1983	346	5,124	293	1	361	
1984	84	5,295	84	1	363	
1985	21	9,691	27	1	362	
1986	15	18,418	24	1	275	
1987		22,474	9	1	271	
1988	75	31,890		1	91	
1989	187	61,560	188	1	239	
1990	261	90,556	210	1	365	
1991	161	98,104	146	1	360	
1992	175	80,656	159	1	366	
1993	146	66,580	178	1	359	
1994	254	61,671	155	1	365	
1995	117	25,888		1	267	
1996	183			1	294	
1997	158			1	243	
1998	32	23,192			59	

Operator:	AMOCO PRODUCTION CO	
Well/Lease Name:	STATE C TR 12	
Well #:	6Y	Last Production Date: 08/98
Location:	16C 21S 37E	Cum. Thru L. P. Date Oil: 24,615
State:	NM	
District:	002	Cum. Thru L. P. Date Gas: 5,029,669
County:	LEA	
Regulatory #:		
API #:	30-025-0662800	
Field:	TUBB (TUBB) TB	
Reservoir:	TUBB	
Basin:	PERMIAN BASIN	
Gas Gatherer:	WARRE	Temperature Gradient: 0.696
Liquid Gatherer:	DOROC	
Status Date:		
Status:	ACT	

Year	Oil Prod BBLs	Gas Prod MCF	Water BBLs	# of Wells	Days On	Allowables
1970	35	214,247		1		
1971	57	162,122		1		
1972	141	266,172		1		
1973	103	279,054		1		
1974	125	367,109		1		
1975	102	256,792		1		
1976		171,877		1		
1977	29	112,664	251	1		
1978	77	71,504	40	1		
1979	293	49,148	182	1		
1980	119	29,573		1		
1981	294	23,684		1		
1982	407	27,376	231	1	365	
1983	949	30,621	282	1	300	
1984	202	39,064	31	1	312	
1985	18	33,117	14	1	255	
1986	32	17,842	27	1	275	
1987	13	27,645	11	1	279	
1988	116	52,000	102	1	91	
1989	218	80,348	464	1	239	
1990	265	100,485	213	1	365	
1991	161	107,127	146	1	360	
1992	174	96,672	158	1	366	
1993	143	74,305	177	1	359	
1994	254	69,544	199	1	365	
1995	118	29,194		1	267	
1996	120			1	176	
1998	77	26,154		1	212	

SUPPORT FOR BLINEBRY ZONE

Dwight's Energydata Inc.
TX - NM Permian
New Mexico Oil

Run Date: 2/22/99
Published 1/99
(#150,025,21S37E16K00BL)

Operator:	COLLINS & WARE INC	
Well/Lease Name:	STATE DA	
Well #:	000002	Last Production Date: 08/98
Location:	16K 21S 37E	Cum. Thru L. P. Date Oil: 25,134
State:	NM	
District:	002	Cum. Thru L. P. Date Gas: 165,257
County:	LEA	
Regulatory #:		
API #:	30-025-0661600	
Field:	BLINEBRY (BLINEBRY) BL	
Reservoir:	BLINEBRY	
Basin:	PERMIAN BASIN	
Gas Gatherer:	GPMGC	
Liquid Gatherer:	OASTM	
Status Date:		
Status:	ACT	

Year	Oil Prod BBLs	Gas Prod MCF	Water BBLs	# of Wells	Days On	Allowables
1992		179		1	31	
1997	9,220	58,933	15,789	1	310	
1998	3,186	53,599	3,250	1	243	

Date MO/YR	Oil Prod BBLs	BBLs /Day	Cum. Oil Prod. BBLs	Gas Prod MCF	Cum. Gas MCF	GOR SCF/BBLs	Water	% Water	# of Wells	Days On	Allowables
01/97	248	31	12,976	625	53,350	2,520	1,203	82.91	1	8	
02/97	1,204	43	14,180	4,636	57,986	3,850	1,653	57.86	1	28	
03/97	1,023	39	15,203	5,257	63,243	5,139	2,137	67.63	1	26	
04/97	716	26	15,919	5,739	68,982	8,015	1,737	70.81	1	27	
05/97	679	23	16,598	5,904	74,886	8,695	1,748	72.02	1	29	
06/97	1,024	37	17,622	9,244	84,130	9,027	922	47.38	1	27	
07/97	558	18	18,180	3,687	87,817	6,608	1,461	72.36	1	31	
08/97	501	20	18,681	2,340	90,157	4,671	1,774	77.98	1	24	
09/97	967	32	19,648	6,120	96,277	6,329	754	43.81	1	30	
10/97	941	30	20,589	6,615	102,892	7,030	729	43.65	1	31	
11/97	397	22	20,986	3,386	106,278	8,529	529	57.13	1	18	
12/97	962	31	21,948	5,380	111,658	5,593	1,142	54.28	1	31	
Totals	9,220			58,933			15,789			310	
01/98	665	21	22,613	6,493	118,151	9,764	743	52.77	1	31	
02/98	544	19	23,157	6,023	124,174	11,072	425	43.86	1	28	
03/98	482	15	23,639	7,269	131,443	15,081	392	44.85	1	31	
04/98	501	16	24,140	6,652	138,095	13,277	443	46.93	1	30	
05/98	461	14	24,601	6,930	145,025	15,033	352	43.30	1	31	
06/98	233	7	24,834	6,662	151,687	28,592	345	59.69	1	30	
07/98	169	5	25,003	6,722	158,409	39,775	306	64.42	1	31	
08/98	131	4	25,134	6,848	165,257	52,275	244	65.07	1	31	
09/98	0	0	25,134	0	165,257		0		0	0	
10/98	0	0	25,134	0	165,257		0		0	0	
11/98	0	0	25,134	0	165,257		0		0	0	
12/98	0	0	25,134	0	165,257		0		0	0	
Totals	3,186			53,599			3,250			243	

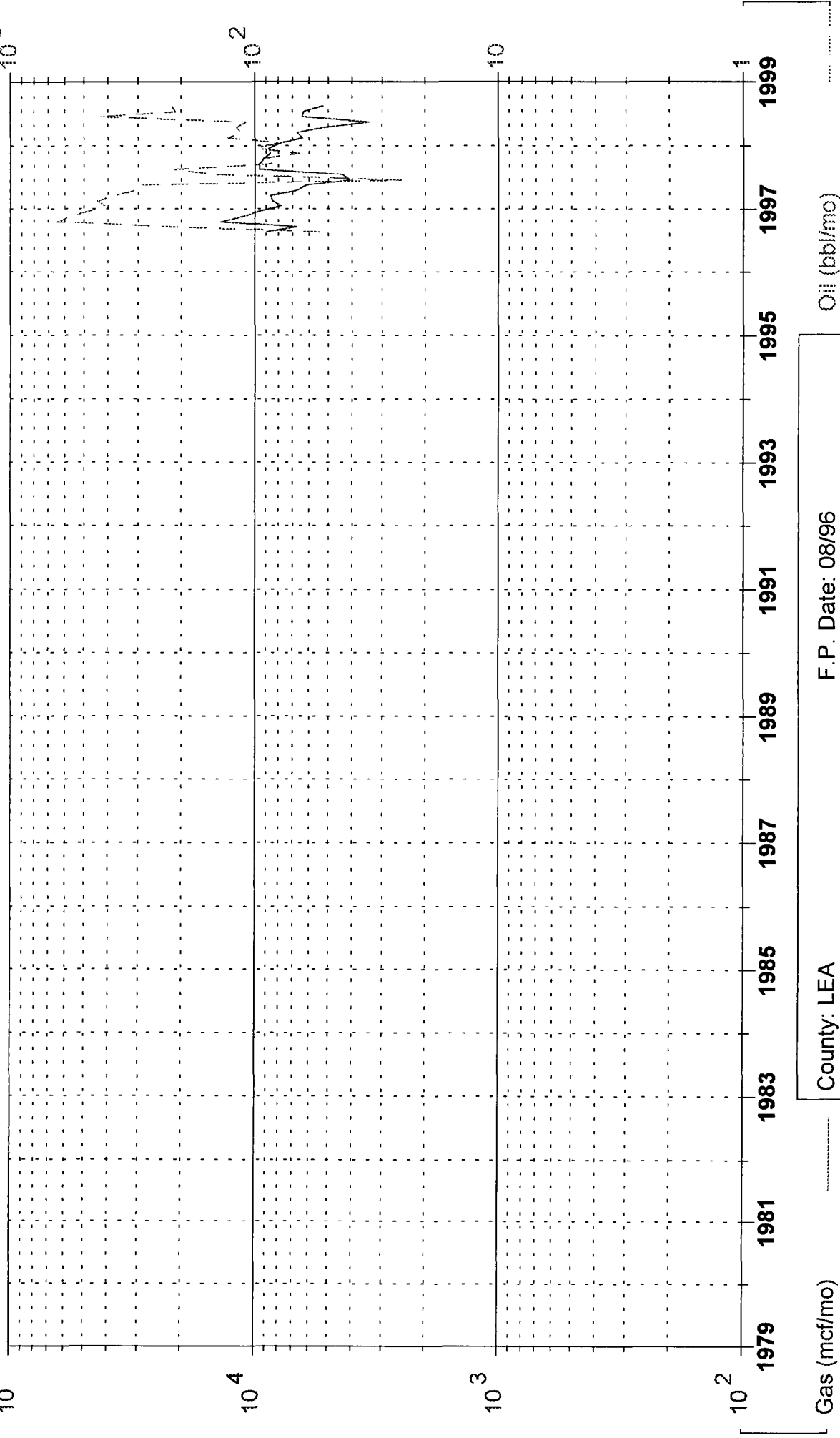
Dwights

Lease: STATE DA (3)

Retrieval Code: 250,025,0250661806660

02/22/99

10⁵ 10⁴ 10³ 10² 10¹



County: LEA	F.P. Date: 08/96
Field: BLINEBRY (BLINEBRY) BL	Oil Cum: 5910 bbl
Reservoir: BLINEBRY	Gas Cum: 189.4 mmcf
Operator: COLLINS & WARE INC	Location: 16D 21S 37E

Operator:	COLLINS & WARE INC	First Production Date:	08/96
Well/Lease Name:	STATE DA	Last Production Date:	08/98
Well #:	3	Cum. Thru L. P. Date Oil:	5,910
Location:	16D 21S 37E	Cum. Thru L. P. Date Gas:	189,365
State:	NM	Upper Perforation:	5,565
District:	002	Lower Perforation:	5,975
County:	LEA	Temperature Gradient:	0.741
Regulatory #:			
API #:	30-025-0661800		
Field:	BLINEBRY (BLINEBRY) BL		
Reservoir:	BLINEBRY		
Basin:	PERMIAN BASIN		
Gas Gatherer:			
Liquid Gatherer:			
Status Date:			
Status:	ACT		

Year	Oil Prod BBLs	Gas Prod MCF	Water BBLs	# of Wells	Days On	Allowables
1996	1,951	50,057	548	1	126	
1997	2,548	91,900	1,023	1	351	
1998	1,411	47,408	285	1	243	

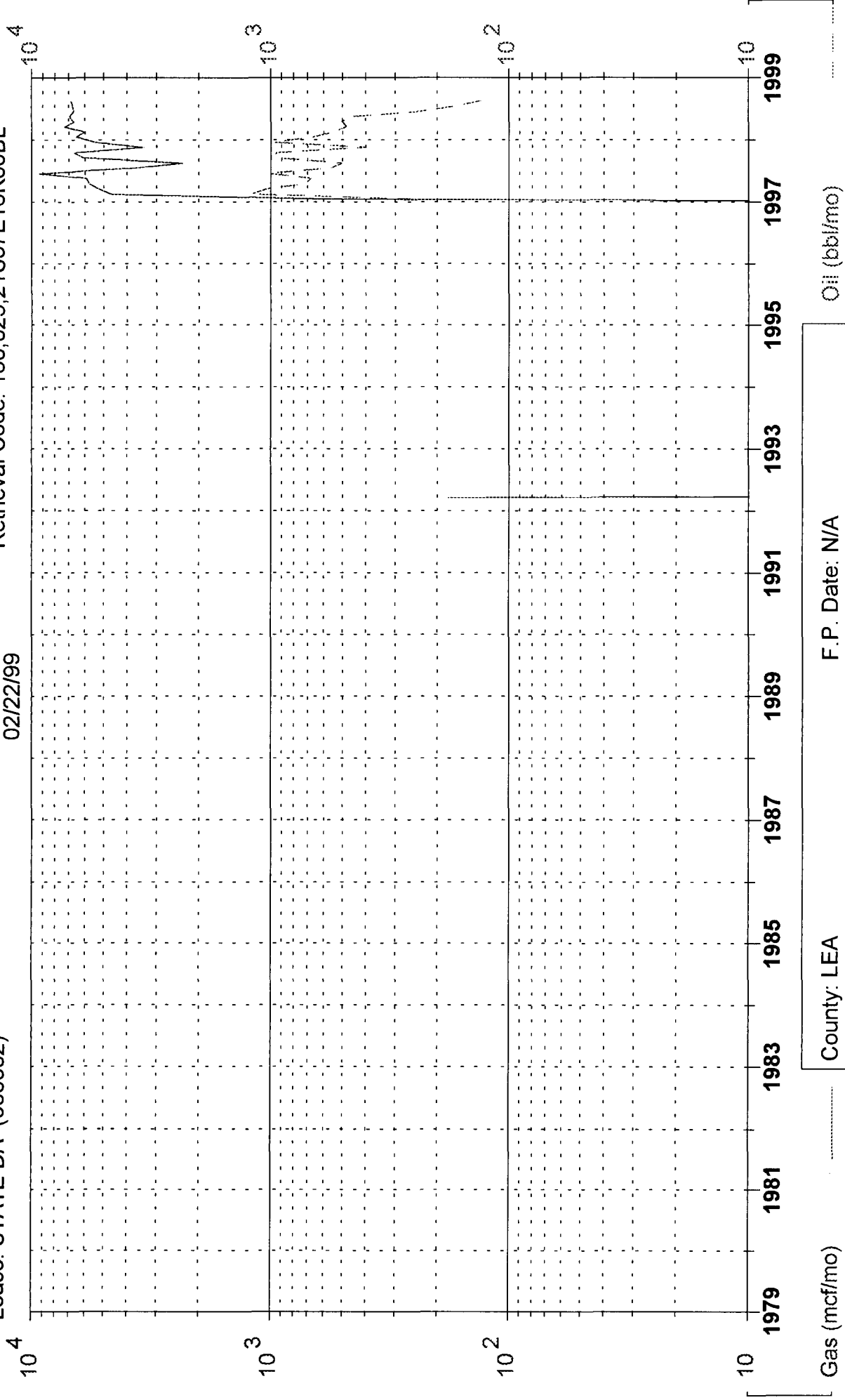
Date MO/YR	Oil Prod BBLs	BBLs /Day	Cum. Oil Prod. BBLs	Gas Prod MCF	Cum. Gas MCF	YIELD BBLs/MMCF	Water	% Water	# of Wells	Days On	Allowables
01/96	0	0	0	0	0		0		0	0	
02/96	0	0	0	0	0		0		0	0	
03/96	0	0	0	0	0		0		0	0	
04/96	0	0	0	0	0		0		0	0	
05/96	0	0	0	0	0		0		0	0	
06/96	0	0	0	0	0		0		0	0	
07/96	0	0	0	0	0		0		0	0	
08/96	54	2	54	9,010	9,010	5.99	32	37.21	1	20	
09/96	216	13	270	6,708	15,718	32.20	74	25.52	1	16	
10/96	641	20	911	13,771	29,489	46.55	249	27.98	1	31	
11/96	566	18	1,477	11,105	40,594	50.97	93	14.11	1	30	
12/96	474	16	1,951	9,463	50,057	50.09	100	17.42	1	29	
Totals	1,951			50,057			548			126	
01/97	410	15	2,361	7,797	57,854	52.58	96	18.97	1	26	
02/97	439	15	2,800	8,458	66,312	51.90	100	18.55	1	28	
03/97	373	12	3,173	8,625	74,937	43.25	129	25.70	1	31	
04/97	307	11	3,480	6,739	81,676	45.56	89	22.47	1	27	
05/97	291	10	3,771	6,150	87,826	47.32	90	23.62	1	29	
06/97	25	0	3,796	4,075	91,901	6.13	57	69.51	1	28	
07/97	145	4	3,941	4,366	96,267	33.21	128	46.89	1	31	
08/97	214	7	4,155	9,561	105,828	22.38	41	16.08	1	29	
09/97	85	2	4,240	9,530	115,358	8.92	47	35.61	1	30	
10/97	94	3	4,334	9,189	124,547	10.23	53	36.05	1	31	
11/97	66	2	4,400	8,643	133,190	7.64	84	56.00	1	30	
12/97	99	3	4,499	8,767	141,957	11.29	109	52.40	1	31	
Totals	2,548			91,900			1,023			351	
01/98	80	2	4,579	7,827	149,784	10.22	49	37.98	1	31	
02/98	128	4	4,707	6,371	156,155	20.09	45	26.01	1	28	
03/98	113	3	4,820	6,686	162,841	16.90	41	26.62	1	31	
04/98	118	3	4,938	5,191	168,032	22.73	23	16.31	1	30	
05/98	109	3	5,047	3,393	171,425	32.12	23	17.42	1	31	
06/98	434	14	5,481	6,395	177,820	67.87	29	6.26	1	30	
07/98	211	6	5,692	6,310	184,130	33.44	26	10.97	1	31	
08/98	218	7	5,910	5,235	189,365	41.64	49	18.35	1	31	
09/98	0	0	5,910	0	189,365		0		0	0	
10/98	0	0	5,910	0	189,365		0		0	0	
11/98	0	0	5,910	0	189,365		0		0	0	
12/98	0	0	5,910	0	189,365		0		0	0	
Totals	1,411			47,408			285			243	

Dwights

Lease: STATE DA (000002)

Retrieval Code: 150,025,21S37E16K00BL

02/22/99



County: LEA

F.P. Date: N/A

Field: BLINEBRY (BLINEBRY) BL

Oil Cum: 25.13 mbbl

Reservoir: BLINEBRY

Gas Cum: 165.3 mmcf

Operator: COLLINS & WARE INC

Location: 16K 21S 37E

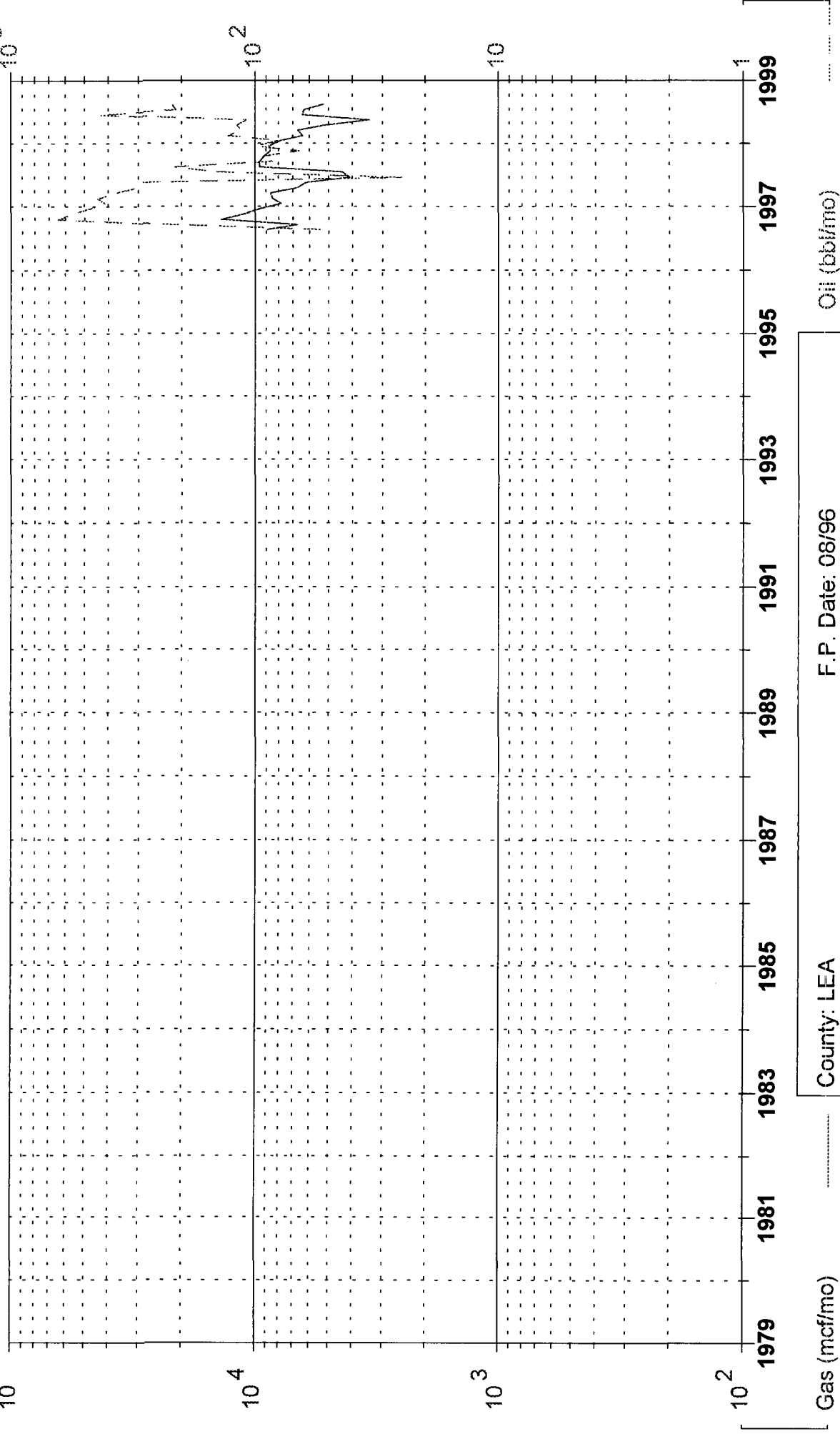
Dwights

Lease: STATE DA (3)

Retrieval Code: 250,025,02506661806660

02/22/99

10⁵ 10⁴ 10³ 10² 10¹



Gas (mcf/mo)

Oil (bbl/mo)

F.P. Date: 08/96

Oil Cum: 5910 bbl

Gas Cum: 189.4 mmcf

Location: 16D 21S 37E

County: LEA

Field: BLINEBRY (BLINEBRY) BL

Reservoir: BLINEBRY

Operator: COLLINS & WARE INC

Operator:	APACHE CORP		
Well/Lease Name:	STATE CK		
Well #:	2	Last Production Date:	08/98
Location:	19K 21S 37E	Cum. Thru L. P. Date Oil:	200,993
State:	NM		
District:	002	Cum. Thru L. P. Date Gas:	338,444
County:	LEA		
Regulatory #:			
API #:	30-025-0667300		
Field:	BLINEBRY (BLINEBRY) BL		
Reservoir:	BLINEBRY		
Basin:	PERMIAN BASIN		
Gas Gatherer:	GPMGC		
Liquid Gatherer:	SHELP		
Status Date:			
Status:	ACT		

Year	Oil Prod BBLs	Gas Prod MCF	Water BBLs	# of Wells	Days On	Allowables
1977	31,863	13,166	3,490	1		
1978	21,166	10,170	5,497	1		
1979	30,784	8,086	2,635	1		
1980	30,496	11,395	2,177	1		
1981	12,424	7,048	1,495	1		
1982	1,373	4,984	1,268	1	331	
1983	3,046	2,480	1,324	1	349	
1984	1,556	1,977	420	1	198	
1985	607	536	199	1	41	
1986	5,019	5,071	2,911	1	275	
1987	4,715	4,987	3,355	1	340	
1988	4,556	15,983	2,126	1	362	
1989	4,948	2,773	1,837	1	337	
1990	3,327	11,079	1,608	1	308	
1991	2,564	9,422	1,530	1	364	
1992	1,639	11,098	466	1	329	
1993	2,143	5,346	855	1	300	
1994	3,249	5,791	3,349	1	359	
1995	2,953	7,565		1	353	
1996	2,440	9,405		1	366	
1997	2,216	5,549		1	365	
1998	6,040	7,156	18,318	1	243	

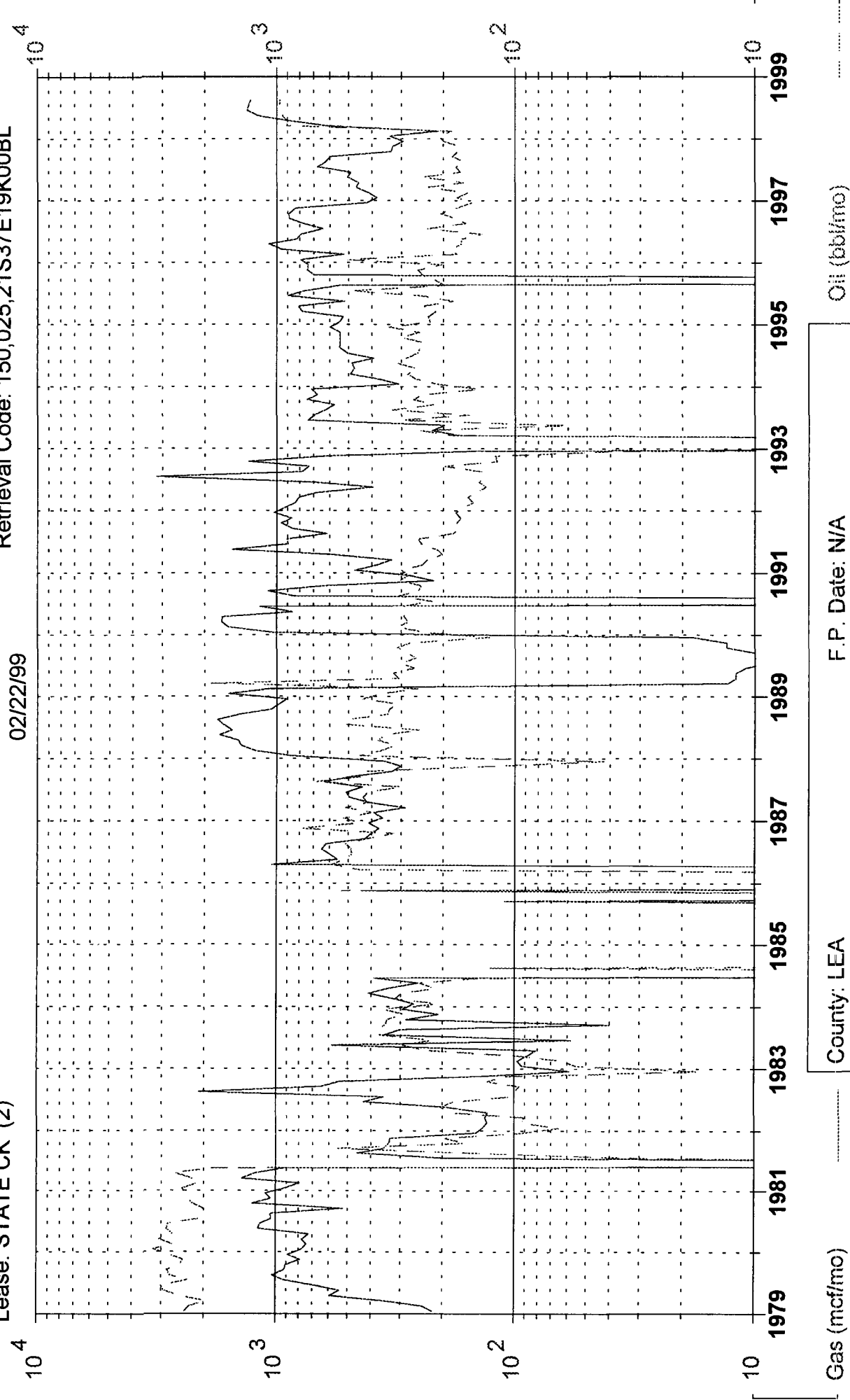
Date MO/YR	Oil Prod BBLs	BBLs /Day	Cum. Oil Prod. BBLs	Gas Prod MCF	Cum. Gas MCF	GOR SCF/BBLs	Water	% Water	# of Wells	Days On	Allowables
01/95	227	7	187,571	545	309,314	2,401			1	31	
02/95	231	8	187,802	527	309,841	2,281			1	28	
03/95	214	6	188,016	779	310,620	3,640			1	31	
04/95	242	8	188,258	811	311,431	3,351			1	30	
05/95	182	8	188,440	520	311,951	2,857			1	22	
06/95	248	8	188,688	896	312,847	3,613			1	30	
07/95	490	17	189,178	763	313,610	1,557			1	28	
08/95	199	6	189,377	545	314,155	2,739			1	31	
09/95	215	7	189,592	0	314,155	0			1	30	
10/95	246	7	189,838	696	314,851	2,829			1	31	
11/95	256	8	190,094	742	315,593	2,898			1	30	
12/95	203	6	190,297	741	316,334	3,650			1	31	
Totals	2,953			7,565						353	
01/96	501	16	190,798	791	317,125	1,579			1	31	
02/96	175	6	190,973	523	317,648	2,989			1	29	
03/96	185	5	191,158	949	318,597	5,130			1	31	
04/96	168	5	191,326	1,077	319,674	6,411			1	30	
05/96	168	5	191,494	825	320,499	4,911			1	31	
06/96	138	4	191,632	791	321,290	5,732			1	30	
07/96	232	7	191,864	641	321,931	2,763			1	31	
08/96	161	5	192,025	778	322,709	4,832			1	31	
09/96	179	5	192,204	889	323,598	4,966			1	30	
10/96	205	6	192,409	886	324,484	4,322			1	31	
11/96	176	5	192,585	833	325,317	4,733			1	30	
12/96	152	4	192,737	422	325,739	2,776			1	31	
Totals	2,440			9,405						366	
01/97	175	5	192,912	381	326,120	2,177			1	31	
02/97	159	5	193,071	411	326,531	2,585			1	28	
03/97	234	7	193,305	465	326,996	1,987			1	31	
04/97	165	5	193,470	455	327,451	2,758			1	30	
05/97	247	7	193,717	504	327,955	2,040			1	31	
06/97	169	5	193,886	489	328,444	2,893			1	30	
07/97	177	5	194,063	672	329,116	3,797			1	31	
08/97	163	5	194,226	623	329,739	3,822			1	31	
09/97	183	6	194,409	598	330,337	3,268			1	30	
10/97	174	5	194,583	331	330,668	1,902			1	31	
11/97	171	5	194,754	325	330,993	1,901			1	30	
12/97	199	6	194,953	295	331,288	1,482			1	31	
Totals	2,216			5,549						365	
01/98	208	6	195,161	335	331,623	1,611	0	0.00	1	31	
02/98	184	6	195,345	209	331,832	1,136	829	81.84	1	28	
03/98	905	29	196,250	618	332,450	683	2,820	75.70	1	31	
04/98	901	30	197,151	884	333,334	981	2,729	75.18	1	30	
05/98	944	30	198,095	1,195	334,529	1,266	2,820	74.92	1	31	
06/98	956	31	199,051	1,322	335,851	1,383	2,997	75.82	1	30	
07/98	973	31	200,024	1,310	337,161	1,346	3,104	76.13	1	31	
08/98	969	31	200,993	1,283	338,444	1,324	3,019	75.70	1	31	
09/98	0	0	200,993	0	338,444		0		0	0	
10/98	0	0	200,993	0	338,444		0		0	0	
11/98	0	0	200,993	0	338,444		0		0	0	
12/98	0	0	200,993	0	338,444		0		0	0	
Totals	6,040			7,156			18,318			243	

Dwights

Lease: STATE CK (2)

Retrieval Code: 150,025,21S37E19K00BL

02/22/99



County: LEA

F.P. Date: N/A

Field: BLINEBRY (BLINEBRY) BL Oil Cum: 201.0 mbbl

Reservoir: BLINEBRY Gas Cum: 338.4 mmcf

Operator: APACHE CORP Location: 19K 21S 37E

Operator:	APACHE CORP		
Well/Lease Name:	STATE CK		
Well #:	2	Last Production Date:	08/98
Location:	19K 21S 37E	Cum. Thru L. P. Date Oil:	251,834
State:	NM		
District:	002	Cum. Thru L. P. Date Gas:	718,153
County:	LEA	Gas Cum. Since Date:	01/59
Regulatory #:			
API #:	30-025-0667300		
Field:	DRINKARD (DRINKARD) DR		
Reservoir:	DRINKARD		
Basin:	PERMIAN BASIN		
Gas Gatherer:	TEXEP		
Liquid Gatherer:	SHELP		
Status Date:			
Status:	ACT		

Year	Oil Prod BBLs	Gas Prod MCF	Water BBLs	# of Wells	Days On	Allowables
1970	7,410	61,992	637	1		
1971	9,331	32,486	718	1		
1972	9,038	30,538	3,286	1		
1973	9,284	27,341	966	1		
1974	9,468	10,978	795	1		
1975	8,975	16,788	951	1		
1976	9,021	12,137	893	1		
1977	8,187	12,402	1,216	1		
1978	3,630	10,788	449	1		
1979	8,577	25,199	941	1		
1980	2,392	5,290	270	1		
1981	301	323	108	1		
1982	1,295	3,689	1,143	1	198	
1983	2,406	6,374	1,763	1	343	
1984	2,495	4,581	1,296	1	340	
1985	1,204	2,354	424	1	160	
1986	3,484	6,578	1,459	1	275	
1987	2,882	6,926	2,096	1	340	
1988	2,891	21,247	1,315	1	362	
1989	2,179	3,688	883	1	337	
1990	2,062	14,650	1,057	1	308	
1991	1,644	12,480	976	1	364	
1992	906	11,434	447	1	329	
1993	1,385	7,035	611	1	300	
1994	2,217	7,665	2,285	1	359	
1995	2,014	10,008		1	353	
1996	1,662	12,442		1	366	
1997	1,513	7,347		1	365	
1998	1,070	3,280	850	1	243	

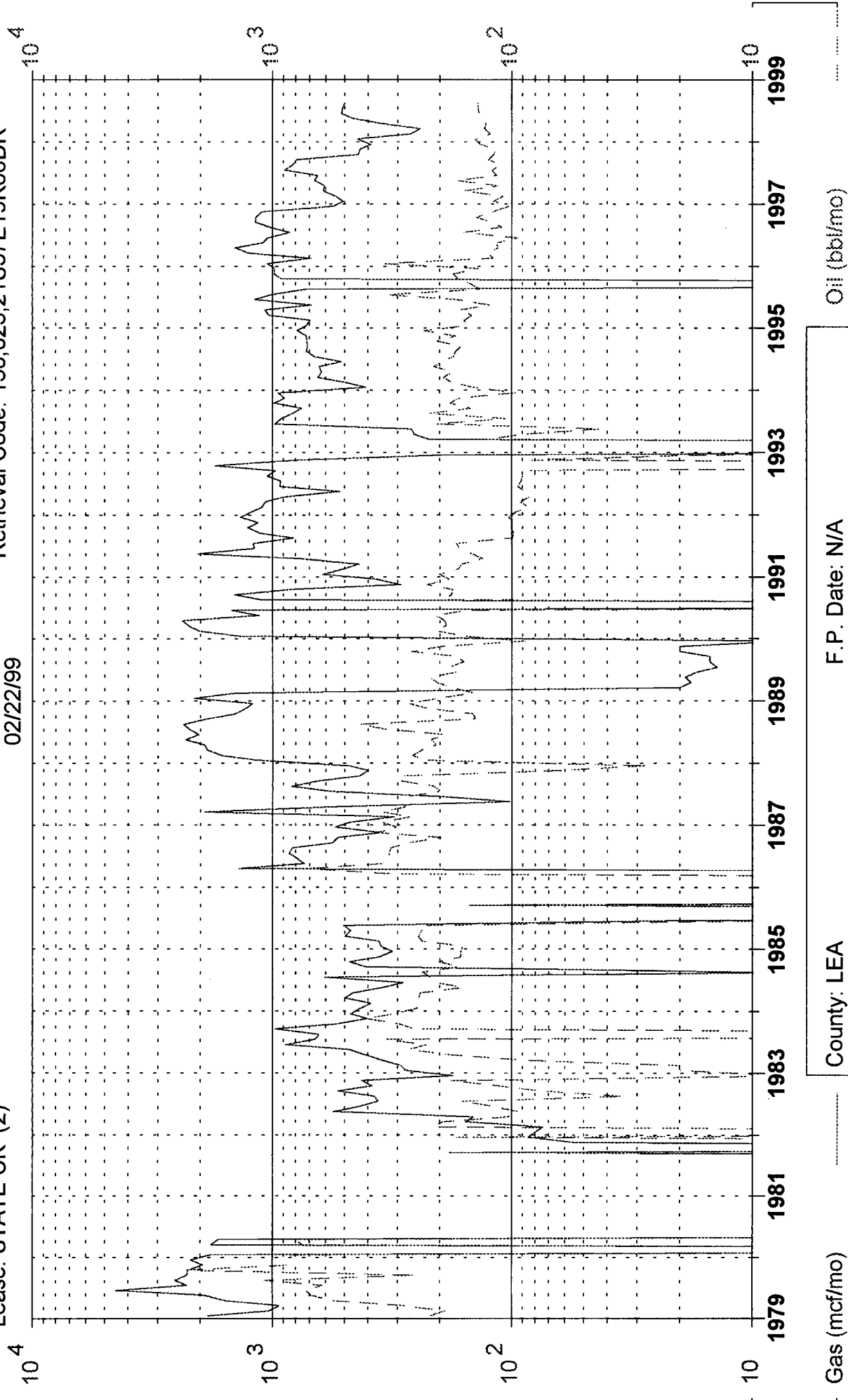
Date MO/YR	Oil Prod BBLs	BBLs /Day	Cum. Oil Prod. BBLs	Gas Prod MCF	Cum. Gas MCF	GOR SCF/BBLs	Water	% Water	# of Wells	Days On	Allowables
01/95	154	4	245,729	721	685,797	4,682			1	31	
02/95	158	5	245,887	696	686,493	4,405			1	28	
03/95	146	4	246,033	1,031	687,524	7,062			1	31	
04/95	165	5	246,198	1,074	688,598	6,509			1	30	
05/95	124	5	246,322	687	689,285	5,540			1	22	
06/95	169	5	246,491	1,185	690,470	7,012			1	30	
07/95	334	11	246,825	1,010	691,480	3,024			1	28	
08/95	136	4	246,961	722	692,202	5,309			1	31	
09/95	147	4	247,108	0	692,202	0			1	30	
10/95	168	5	247,276	920	693,122	5,476			1	31	
11/95	175	5	247,451	982	694,104	5,611			1	30	
12/95	138	4	247,589	980	695,084	7,101			1	31	
Totals	2,014			10,008						353	
01/96	341	11	247,930	1,046	696,130	3,067			1	31	
02/96	119	4	248,049	691	696,821	5,807			1	29	
03/96	126	4	248,175	1,256	698,077	9,968			1	31	
04/96	114	3	248,289	1,425	699,502	12,500			1	30	
05/96	115	3	248,404	1,093	700,595	9,504			1	31	
06/96	94	3	248,498	1,046	701,641	11,128			1	30	
07/96	158	5	248,656	848	702,489	5,367			1	31	
08/96	110	3	248,766	1,030	703,519	9,364			1	31	
09/96	122	4	248,888	1,177	704,696	9,648			1	30	
10/96	140	4	249,028	1,171	705,867	8,364			1	31	
11/96	120	4	249,148	1,101	706,968	9,175			1	30	
12/96	103	3	249,251	558	707,526	5,417			1	31	
Totals	1,662			12,442						366	
01/97	119	3	249,370	505	708,031	4,244			1	31	
02/97	109	3	249,479	545	708,576	5,000			1	28	
03/97	159	5	249,638	616	709,192	3,874			1	31	
04/97	114	3	249,752	603	709,795	5,289			1	30	
05/97	169	5	249,921	667	710,462	3,947			1	31	
06/97	115	3	250,036	648	711,110	5,635			1	30	
07/97	121	3	250,157	887	711,997	7,331			1	31	
08/97	111	3	250,268	825	712,822	7,432			1	31	
09/97	125	4	250,393	792	713,614	6,336			1	30	
10/97	119	3	250,512	439	714,053	3,689			1	31	
11/97	117	3	250,629	431	714,484	3,684			1	30	
12/97	135	4	250,764	389	714,873	2,881			1	31	
Totals	1,513			7,347						365	
01/98	142	4	250,906	443	715,316	3,120	0	0.00	1	31	
02/98	123	4	251,029	266	715,582	2,163	829	87.08	1	28	
03/98	130	4	251,159	241	715,823	1,854	3	2.26	1	31	
04/98	128	4	251,287	343	716,166	2,680	3	2.29	1	30	
05/98	134	4	251,421	464	716,630	3,463	3	2.19	1	31	
06/98	137	4	251,558	514	717,144	3,752	4	2.84	1	30	
07/98	138	4	251,696	510	717,654	3,696	4	2.82	1	31	
08/98	138	4	251,834	499	718,153	3,616	4	2.82	1	31	
09/98	0	0	251,834	0	718,153		0		0	0	
10/98	0	0	251,834	0	718,153		0		0	0	
11/98	0	0	251,834	0	718,153		0		0	0	
12/98	0	0	251,834	0	718,153		0		0	0	
Totals	1,070			3,280			850			243	

Dwights

Lease: STATE CK (2)

Retrieval Code: 150,025,21S37E19K00DR

02/22/99



County: LEA

F.P. Date: N/A

Field: DRINKARD (DRINKARD) DR

Oil Cum: 251.8 mbbl

Reservoir: DRINKARD

Gas Cum: 718.2 mmcf

Operator: APACHE CORP

Location: 19K 21S 37E

Operator:	TEXACO EXPL & PROD INC	First Production Date:	06/96
Well/Lease Name:	V M HENDERSON	Last Production Date:	08/98
Well #:	15	Cum. Thru L. P. Date Oil:	3,921
Location:	30N 21S 37E	Cum. Thru L. P. Date Gas:	131,915
State:	NM	Upper Perforation:	5,550
District:	002	Lower Perforation:	5,808
County:	LEA		
Regulatory #:			
API #:	30-025-3332800		
Field:	BLINEBRY (BLINEBRY) BL		
Reservoir:	BLINEBRY		
Basin:	PERMIAN BASIN		
Gas Gatherer:			
Liquid Gatherer:			
Status Date:			
Status:	ACT		

Year	Oil Prod BBLs	Gas Prod MCF	Water BBLs	# of Wells	Days On	Allowables
1996	1,429	42,621	1,467	1	174	
1997	1,993	64,805	1,102	1	361	
1998	499	24,489	565	1	207	

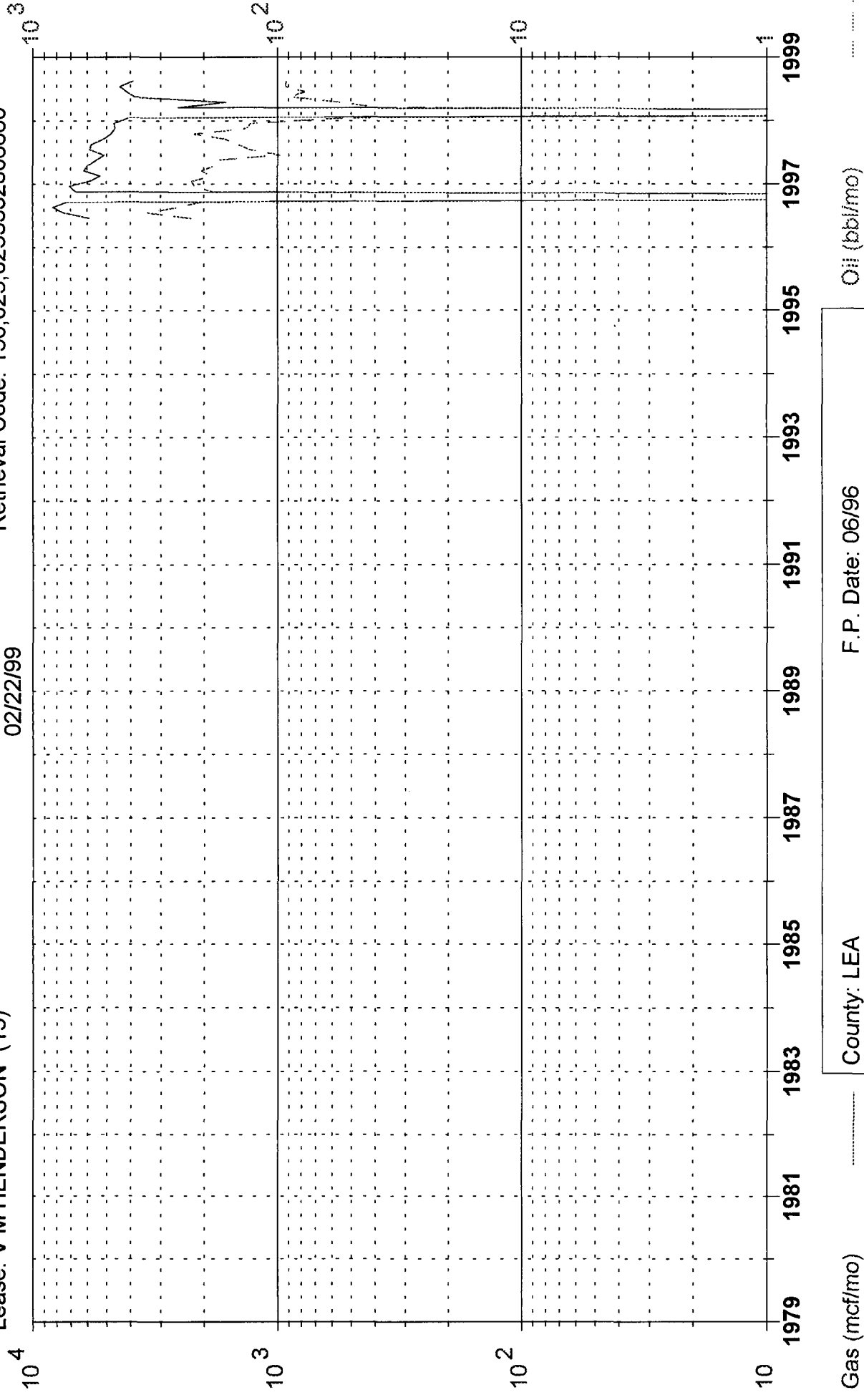
Date MO/YR	Oil Prod BBLs	BBLs /Day	Cum. Oil Prod. BBLs	Gas Prod MCF	Cum. Gas MCF	GOR SCF/BBLs	Water	% Water	# of Wells	Days On	Allowables
01/96	0	0	0	0	0		0		0	0	
02/96	0	0	0	0	0		0		0	0	
03/96	0	0	0	0	0		0		0	0	
04/96	0	0	0	0	0		0		0	0	
05/96	0	0	0	0	0		0		0	0	
06/96	225	10	225	5,827	5,827	25,898	308	57.79	1	22	
07/96	340	10	565	7,481	13,308	22,003	434	56.07	1	31	
08/96	255	8	820	8,275	21,583	32,451	217	45.97	1	31	
09/96	207	7	1,027	7,287	28,870	35,203	203	49.51	1	29	
10/96	0	0	1,027	0	28,870		0		0	0	
11/96	184	6	1,211	6,657	35,527	36,179	150	44.91	1	30	
12/96	218	7	1,429	7,094	42,621	32,541	155	41.55	1	31	
Totals	1,429			42,621			1,467			174	
01/97	223	7	1,652	5,863	48,484	26,291	155	41.01	1	31	
02/97	187	6	1,839	5,307	53,791	28,380	140	42.81	1	28	
03/97	203	7	2,042	6,154	59,945	30,315	145	41.67	1	29	
04/97	180	6	2,222	5,991	65,936	33,283	150	45.45	1	30	
05/97	179	6	2,401	5,524	71,460	30,860	145	44.75	1	29	
06/97	98	3	2,499	5,125	76,585	52,296	150	60.48	1	30	
07/97	130	4	2,629	5,843	82,428	44,946	155	54.39	1	31	
08/97	145	4	2,774	5,786	88,214	39,903	62	29.95	1	31	
09/97	164	5	2,938	5,148	93,362	31,390	0	0.00	1	30	
10/97	221	7	3,159	4,791	98,153	21,679	0	0.00	1	31	
11/97	134	4	3,293	4,613	102,766	34,425	0	0.00	1	30	
12/97	129	4	3,422	4,660	107,426	36,124	0	0.00	1	31	
Totals	1,993			64,805			1,102			361	
01/98	52	1	3,474	4,068	111,494	78,231	62	54.39	1	31	
02/98	0	0	3,474	0	111,494		0		0	0	
03/98	40	1	3,514	2,541	114,035	63,525	46	53.49	1	23	
04/98	56	1	3,570	1,622	115,657	28,964	180	76.27	1	30	
05/98	89	2	3,659	3,825	119,482	42,978	93	51.10	1	31	
06/98	77	2	3,736	4,117	123,599	53,468	60	43.80	1	30	
07/98	93	3	3,829	4,412	128,011	47,441	62	40.00	1	31	
08/98	92	2	3,921	3,904	131,915	42,435	62	40.26	1	31	
09/98	0	0	3,921	0	131,915		0		0	0	
10/98	0	0	3,921	0	131,915		0		0	0	
11/98	0	0	3,921	0	131,915		0		0	0	
12/98	0	0	3,921	0	131,915		0		0	0	
Totals	499			24,489			565			207	

Dwights

Lease: VM HENDERSON (15)

02/22/99

Retrieval Code: 150,025,0253332806660



Gas (mcf/mo)

Oil (bbl/mo)

County: LEA

F.P. Date: 06/96

Field: BLINEBRY (BLINEBRY) BL

Oil Cum: 3921 bbl

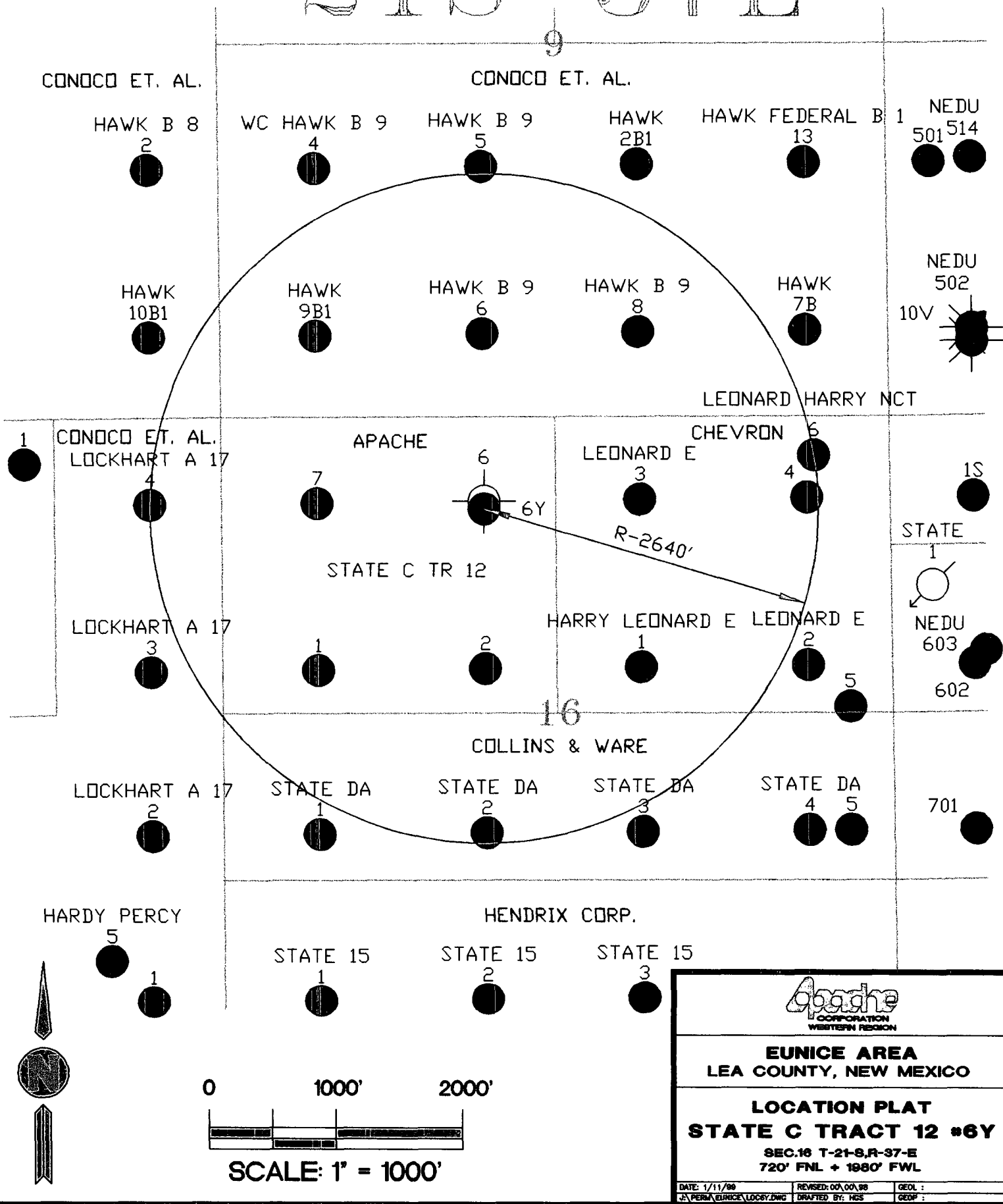
Reservoir: BLINEBRY

Gas Cum: 131.9 mmcf

Operator: TEXACO EXPL & PROD I

Location: 30N 21S 37E

21S 37E



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

CORPORATION

(713) 296-6000

February 16, 1999

RE: Amend Downhole Commingling Permit
DHC #661
State "C" Tract 12 #6Y
Eunice Area (Tubb-Drinkard)
720' FNL & 1980' FWL
Unit C, Section 16, T21S, R37E
Lea County, New Mexico

Chevron USA Production Co.
P. O. Box 1150
Midland, TX 79702

Apache Corporation, as operator of the subject well is applying to the New Mexico Oil Conservation to amend our downhole commingling permit DHC #661 to add the Blinberry formation.

If you have no objections to this commingling, please sign in the space provided below.

APPROVAL

Company: Chevron USA Inc
By: Craig A. Wright
Date: 02-18-99


Frances M. Byers
Sr. Engineering Tech

Attachments

FEB-17-1999 16:14

APACHE - WESTERN RGN PROD

713 296 7156 P.03/05

8000 POST OAK BOULEVARD / SUITE 100 / HOUSTON, TEXAS 77086-4400

CORPORATION

(713) 296-8000

February 16, 1999

RE: Amend Downhole Commingling Permit

DHC #661

State "C" Tract 12 #6Y

Eunice Area (Tubb-Drinkard)

720' FNL & 1980' FWL

Unit C, Section 16, T21S, R37E

Lea County, New Mexico

John H. Hendrick *Hendrick Corp.*
P. O. Box 3040
Midland, TX 79702-3040

Apache Corporation, as operator of the subject well is applying to the New Mexico Oil Conservation
to amend our downhole commingling permit DHC #661 to add the Blinberry formation.

If you have no objections to this commingling, please sign in the space provided below.

APPROVAL

Company: John H. Hendrick Corp
By: James H. [Signature]
Date: 2-17-99



Frances M. Byers
Sr. Engineering Tech

Attachments

2000 POST OAK BOULEVARD / SUITE 100 / HOUSTON, TEXAS 77058-4400

CORPORATION

(713) 288-8000

February 16, 1999

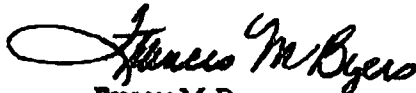
**RE: Amend Downhole Commingling Permit
DHC #661
State "C" Tract 12 #6Y
Eunice Area (Tubb-Drinkard)
720' ENL & 1980' FWL
Unit C, Section 16, T21S, R37E
Lea County, New Mexico**

Collins & Ware
508 W. Wall Ave.
Suite 1200
Midland, TX 79701-5076

Apache Corporation, as operator of the subject well is applying to the New Mexico Oil Conservation to amend our downhole commingling permit DHC #661 to add the Blinobry formation.

If you have no objections to this commingling, please sign in the space provided below.

APPROVAL

Company: Collins & Ware Inc.By: G. W. WareDate: 2-19-99

Frances M. Byers
Sr. Engineering Tech

Attachments

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

CORPORATION

(713) 296-6000

February 16, 1999

RE: Amend Downhole Commingling Permit
DHC #661
State "C" Tract 12 #6Y
Eunice Area (Tubb-Drinkard)
720' FNL & 1980' FWL
Unit C, Section 16, T21S, R37E
Lea County, New Mexico

Conoco
10 Desta Dr.
Suite 100W
Midland, TX 79705-4500

Apache Corporation, as operator of the subject well is applying to the New Mexico Oil Conservation to amend our downhole commingling permit DHC #661 to add the Blinbry formation.

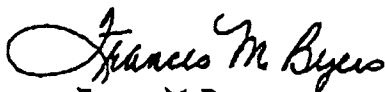
If you have no objections to this commingling, please sign in the space provided below.

APPROVAL

Company: Conoco Inc

By: J. M. Miller

Date: 2-23-99



Frances M. Byers
Sr. Engineering Tech

Attachments

TOTAL P.02

FEB 23 1999 13:37

713 296 7156

PAGE.02

FEB-23-1999 17:25

915 686 6586

96%

** TOTAL PAGE.02 **

P.02

STATE OF TEXAS

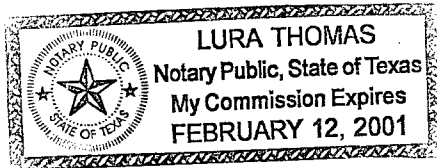
COUNTY OF HARRIS

BEFORE ME, the undersigning authority on this day personally appeared Frances M. Byers, a Sr. Engineering Tech with **APACHE CORPORATION**, who being by me duly sworn, deposes and states that the persons listed on the foregoing attached list have been sent a copy on February 11, 1999, of the New Mexico Oil Conservation Division form C-107A entitled "Application for Downhole Commingle" For the State C Tract 13 No. 6Y, located in Section 16, T21S, R37E, Lea County, New Mexico.

APACHE CORPORATION

Frances M Byers

SUBSCRIBED AND SWORN TO before me on February 23, 1999, to certify Which witness my hand and seal of office.



Lura Thomas



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

March 17, 1999

Apache Corporation
2000 Post Oak Blvd.
Suite 100
RM 358A
Houston, Texas 77056-4400

Attention: Ms. Frances M. Byers

Re: DHC Application
State "C" Tract 12 No. 6Y
Unit C, Section 16, T-21S, R-37E
Lea County, New Mexico

Dear Ms. Byers:

With regards to the downhole commingling application filed for the State "C" Tract 12 Well No. 6Y, please be advised that additional information and/or clarification regarding the allocation of production to each of the commingled zones is needed before the application can be processed. Your application contains conflicting data on expected production from the Blinbry formation and forecast volumes, and does not allocate production to each of the zones correctly.

Please submit additional data or call me at (505) 827-8184.

Sincerely,

A handwritten signature in cursive script, reading "David Catanach".

David Catanach
Engineer

Blineby

Tbb

Drinkand

16 BOPD

1 BOPD

374 MCF/D

100 MCF/D

At per DHC-661

16 BOPD

.5 BOPD

.5 BOPD

374 MCF/D

53 MCF/D

47 MCF/D

Allocation:

OIL

94%

3%

3%

GAS

79%

11%

10%