

Release 1-6-87

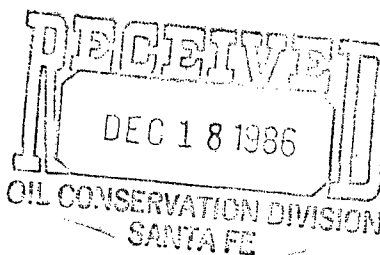
By DRC

ARCO Oil and Gas Company
Central District
Post Office Box 1610
Midland, Texas 79702
Telephone 915 688 5200



December 15, 1986

Mr. Richard L. Stamets
New Mexico Oil Conservation Division
Post Office Box 2088
Santa Fe, New Mexico 87501



Application for Downhole Commingling of the
Justis Blinebry and Justis Montoya Pools
State Y Well No. 3
330' FNL & 1650' FEL
Section 25, T-25-S, R-37-E
Lea County, New Mexico
and

← This well will go to hearing 2-18-87

State Y Well No. 7
430' FNL & 760' FEL
Section 25, T-25-S, R-37-E
Lea County, New Mexico

← Approved this well only

Dear Mr. Stamets:

ARCO Oil and Gas Company respectfully requests administrative approval under the provisions of Rule 303-C to downhole commingle the Justis Blinebry and Justis Montoya pools in the State Y well No. 3 and State Y well No. 7. Both wells are located in Section 25, T-25-S, R-37-E of Lea County, New Mexico.

Both the State Y No. 3 and State Y No. 7 are located in the proposed Justis Blinebry-Tubb/Drinkard Unit waterflood area. Commingling the Blinebry with the Montoya should return both these wells to economic production. Additionally, commingling the wells will allow ARCO to retain them for possible use in the proposed waterflood.

Attached is the information requested by Rule 303-C for downhole commingling for both the State Y No. 3 and the State Y No. 7. The productivity tests, Forms C-115, and decline curves contain the most recent available data for these wells. The bottom-hole pressures listed for the two wells are based on 72 or 96 hour buildups. The Montoya in both wells is shut-in due to mechanical problems. As part of the commingling procedure, we plan to acidize the Blinebry in both wells and the Montoya in well #7. Final production allocation can be based on the results of production tests before the zones are commingled.

Mr. Richard L. Stamets
December 15, 1986
Page Two

A water analysis for a similar, nearby producer, the State Y 6, shows that the fluid characteristics of each zone are compatible for the two wells in questions. Also, both zones are commingled at the battery already.

Based on the information we have gathered and submitted, we believe that this request to commingle the Justis Blinbry and Justis Montoya is justified. Thank you for your time and consideration. If you have questions, please call me at 915-688-5355.

Very truly yours,

Richard S. Prentice

R. S. Prentice
Operations/Analytical Senior Engineer

RSP:tis
Attachments

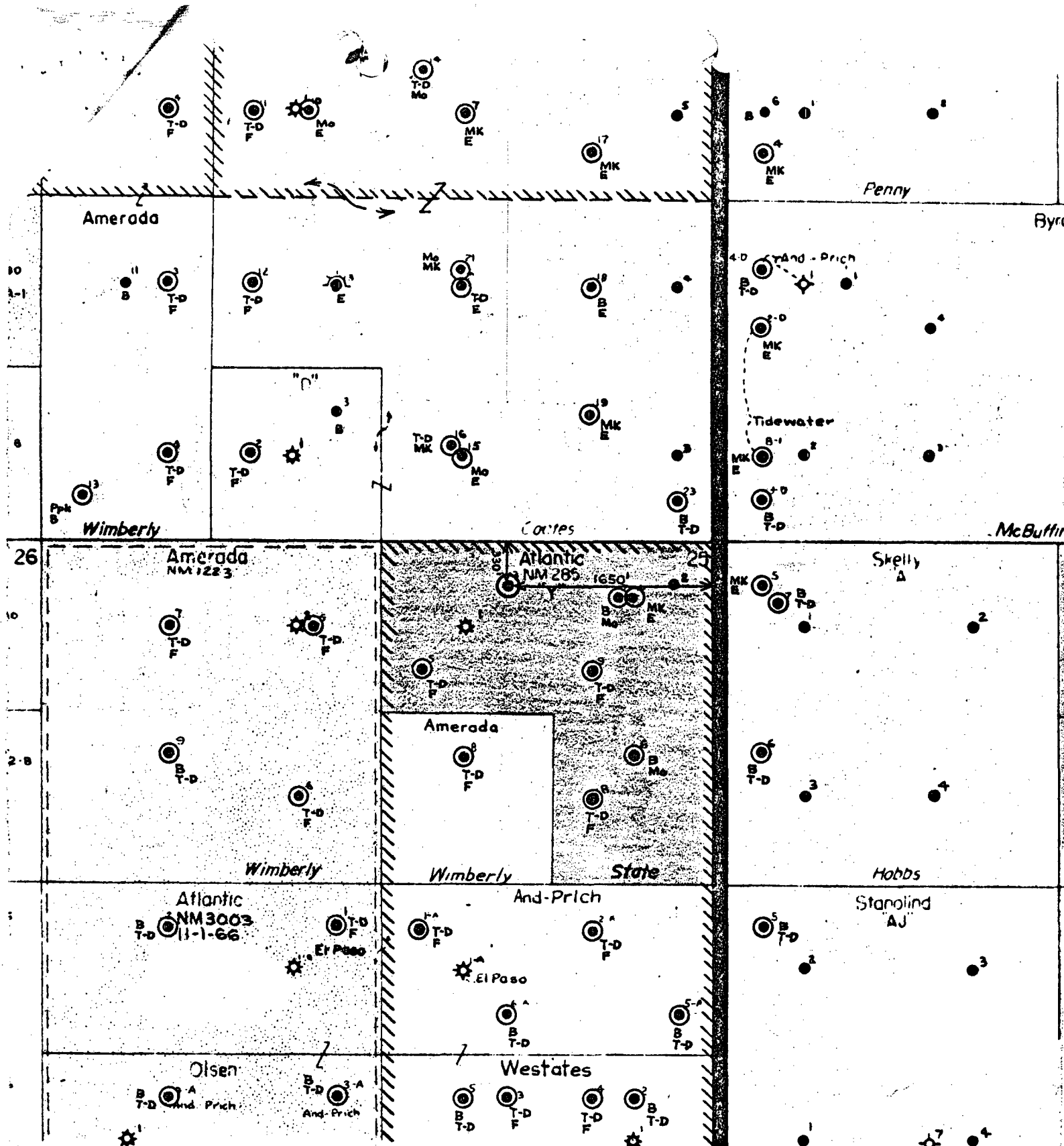
cc: S. D. Smith - Hobbs

State Y No. 3
Information for Downhole Commingling

- a. Operator: ARCO Oil & Gas Company
Post Office Box 1610
Midland, Texas 79702
- b. Lease, Well, Location, and Pool:

State Y No. 3
Sec. 25 T-25-S R-37-E
330' FNL & 1650' FEL
Lea County, New Mexico
Justis Blinebry and Justis Montoya Pools
- c. Acreage Dedication (40 acres) - Attached
- d. 24-Hour Productivity Test - Latest Form C-116 & Form C-115 Attached
- e. Decline Curves - Attached
- f. Bottom-Hole Pressures - Attached
- | | |
|-----------|----------|
| Blinebry: | 254 PSIA |
| Montoya: | 475 PSIA |
- g. Fluid Compatibility - Martin Water Laboratories Analysis Attached
- h. Commingling Computations - Attached
- i. Allocation of Production - based on last production ratios:
- | | | | |
|----------|------------|------------|--------------|
| | <u>Oil</u> | <u>Gas</u> | <u>Water</u> |
| Blinebry | 11% | 78% | 1% |
| Montoya | 89% | 22% | 99% |
- j. Notification of Offset Operators (Includes Offset Ownership) - Attached

All offset operators have been notified by certified mail of this downhole commingling application.



THE ATLANTIC REFINING COMPANY
 NEW MEXICO DISTRICT
 JUSTIS MONTROYA AND BLINERY POOLS

Scale: 1" = 1000'
 To accompany application for
 Oil/Oil Dual -
 Atlantic - State "Y" No. 3 Well

GAS-OIL RATIO TESTS

Operator		Pool		County		Lea								
Div of Atlantic Richfield Company		Justis Blinberry												
Address		P. O. Box 1710, Hobbs, New Mexico 88240		TYPE OF TEST - (X)		Completion ☐ Special ☐								
LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	CHOKE SIZE	TBG. PRESS.	DAILY ALLOW. ABLE	LENGTH OF TEST HOURS	PROD. DURING TEST			GAS - OIL RATIO CU.FT./BBL	
		U	S	T						A	WATER BBLs.	GRAV. OIL		OIL BBLs.
Carlson Federal	1	K	25	25	37	2/14/86	P	8	24	6	36.2	9	245	27,222
"	2	L	25	25	37	2/15/86	P	6	24	10	36.2	7	66	9,428
Carlson "A" Federal	1	I	23	25	37	2/15/86	P	2	24	3	36.2	2	22	11,000
"	2	J	23	25	37	2/07/86	P	3	24	11	36.4	4	17	4,250
Justis Federal	2	O	11	25	37	2/18/86	P	3	24	4	36.2	3	52	17,333
"	3Y	P	11	25	37	2/17/86	P	5	24	5	36.2	5	38	7,600
Langlie Federal	1	I	14	25	37	2/04/86	P	8	24	3	36.4	5	120	24,000
"	2	J	14	25	37	2/12/86	P	11	24	4	36.2	9	68	7,555
Langlie "A" Federal	1	H	14	25	37	2/06/86	P	6	24	3	36.2	4	75	18,750
"	2	G	14	25	37	2/20/86	P	10	24	6	36.2	8	127	15,875
Langlie "B" Federal	1	A	14	25	37	2/21/86	P	5	24	5	36.2	4	40	10,000
"	2	B	14	25	37	2/20/86	P	4	24	4	36.2	4	32	8,000
State Y	3	B	14	25	37	2/17/86	P	2	24	1	36.2	2	66	33,000
"	7	A	14	25	37	2/06/86	P	8	24	1	36.2	3	99	33,000

No well will be assigned an allowable greater than the amount of oil produced on the official test.

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.

Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Division in accordance with Rule 301 and appropriate pool rules.

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


(Signature)

Services Supv.

5/22/86
(Date)

GAS-OIL RATIO TESTS

Operator		Pool		County		Lea		TYPE OF TEST - (X)		SCHEDULED		Completion		Special	
ARCO Oil and Gas Company		Justis Montoya													
Div. of Atlantic Richfield Company															
P. O. Box 1710, Hobbs, New Mexico 88240															
LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	CHOKE SIZE	TSG. PRESS.	DAILY ALLOW. ABLE	LENGTH OF TEST HOURS	PROD. DURING TEST			GAS - OIL RATIO CU. FT./BBL.		
		U	S	T						R	WATER BBLs.	GRAV. OIL		OIL BBLs.	GAS M.C.F.
State "Y"	3	B	25	25	37	2/18/86	P	19	24	118	36.2	16	19	1,187	
"	7	A	25	25	37	2/20/86	P	21	24	13	36.2	7	4	571	
"	9	A	25	25	37	2/20/86	P	21	24	13	36.2	12	12	1,000	
		Share same 40 acre proration unit													

No well will be assigned an allowable greater than the amount of oil produced on the official test.

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.

Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Division in accordance with Rule 301 and appropriate pool rules.

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

Edgar M. Jackson
(Signature)

Services Supv.

5/22/86
(Title)

OPERATOR'S MONTHLY REPORT

ARCO Oil and Gas Company, Division of

Atlantic Richfield Company

P.O. Box 1610, Midland, TX

79702

1986

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

POOL NAME (Underline)				INJECTION		TOTAL LIQUIDS PRODUCED			DISPOSITION OF GAS		DISPOSITION OF OIL								
*Lease Name				VOLUME	PRESS.	MONTHLY OIL ALLOWABLE	ACTUAL BARRELS PRODUCED	BARRELS OF WATER PRODUCED	GAS PRODUCED (MCF)	DAYS PROD.	SOLD	TRANS-PORTER	OTHER	BARRELS TO TRANS-PORTER	OIL ON HAND AT BEG. OF MONTH	TRANS-PORTER	OTHER	OIL ON HAND AT END OF MONTH	
WELL NO	UNIT	SEC	TWP	RNG	*LEASE NAME - Include State Lease Number or Federal Lease Number														
Commingled Batteries Same Lease Name Cont.																			
Justis Blinebry				(Commingled with Justis Fusselman, Justis Montoya, Justis Tubb Drinkard)															
State Y B-11478																			
3	UT-B	25	25S	37#	F	62	22	0	749	31									
6	UT H	25	25S	37E	F	-	-	-	1336	31									
7	UT-A	25	25S	37E	F	93	107	93	2855	31									
Total						155	129	93	4940		4852	EPG	88	u					
Justis Fusselman				(Commingled with Justis Blinebry, Justis Montoya, Justis Tubb Drinkard)															
State Y B-11478																			
5	LT-B	25	25S	37E	P	744	467	3720	3869	31									
8	LT-H	25S	37E		T	-	-	-											
Total						744	467	3720	3869		3781	EPG	88	u					

STATUS CODE F.....FLOWING P.....PUMPING G.....GAS LIFT S.....SHUT IN T.....TEMP ABANDONED I.....INJECTION D.....DISCONTINUED	"OTHER" GAS DISPOSITION CODE X.....USED OFF LEASE D.....USED FOR DRILLING C.....GAS LIFT L.....LOST (MCF ESTIMATED) E.....EXPLANATION ATTACHED R.....PRESSURING 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 (NAME) (POSITION) (SIGNATURE)
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P. O. Box 2088, Santa Fe 87501

ARCO Oil and Gas Company, Division of

Atlantic Richfield Company

(ADDRESS) P. O. Box 1610, Midland, TX

00029702

SEP 1986

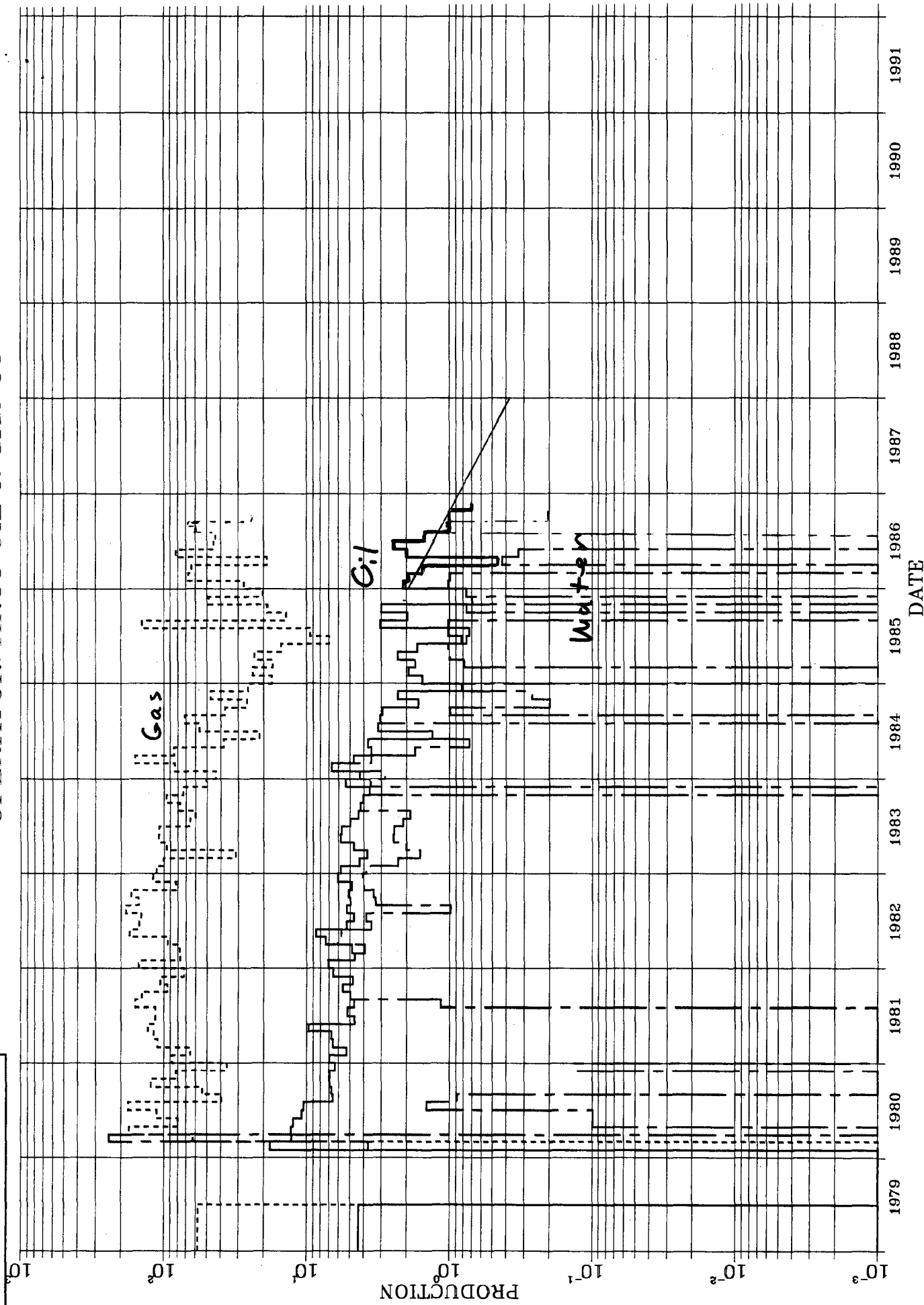
Page 154 of 167

POOL NAME (Underline)		STATUS	INJECTION		TOTAL LIQUIDS PRODUCED			GAS PRODUCED (MCF)	DAYS PROD.	DISPOSITION OF GAS			DISPOSITION OF OIL					
*Lease Name	WELL NO UNIT SEC TWP RANG		VOLUME	PRESS.	MONTHLY OIL ALLOWABLE	ACTUAL BARRELS OF WATER PRODUCED	BARRELS OF WATER PRODUCED			SOLD	TRANS-PORTER	OTHER	C O D E	OIL ON HAND AT BEG. OF MONTH	BARRELS TO TRANS-PORTER	TRANS-PORTER	OTHER	C O D E
*LEASE NAME - Include State Land Lease Number or Federal Lease Number																		
Commingled Batteries Same Lease Name Cont.																		
Justis Montoya																		
(Commingled with Justis Blinbry, Justis Fusselman, Justis Tubb Drinkard)																		
State Y B-11478																		
3 LT-B 25 25S 37E		F			480	390	6300	457 30										
6 LT-H 25 25S 37E		P			300	123	1200	34 30										
7-9 LT-A 25 25S 37E		S P			570	202	480	434 30										
Total					1350	715	7980	925	622	EPG	303 u							
Justis Tubb Drinkard																		
(Commingled with Justis Blinbry, Justis Fusselman, Justis Montoya)																		
State Y B-11478																		
10 LT-H 25 25S 37E		P			330	250	390	2817 30										
TOTAL					330	250	390	2817	2515	EPG	302 u							
BATTERY TOTAL					2550	1588	13500					3194	1843	TNM				2709

STATUS CODE	OTHER GAS DISPOSITION CODE	OTHER OIL DISPOSITION CODE	I HEREBY CERTIFY THAT THE INFORMATION GIVEN IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE	
			(NAME)	(POSITION)
F.....FLOWING P.....PUMPING G.....GAS LIFT S.....SHUT IN T.....TEMP ABANDONED I.....INJECTION D.....DISCONTINUED	X.....USED OFF LEASE D.....USED FOR DRILLING G.....GAS LIFT L.....LOST (MCF ESTIMATED) E.....EXPLANATION ATTACHED R.....PRESSURE MAINTENANCE V.....VENTED U.....USED ON LEASE	C.....CIRCULATING OIL L.....LOST S.....SEDIMENTATION (BSEW) E.....EXPLANATION ATTACHED		

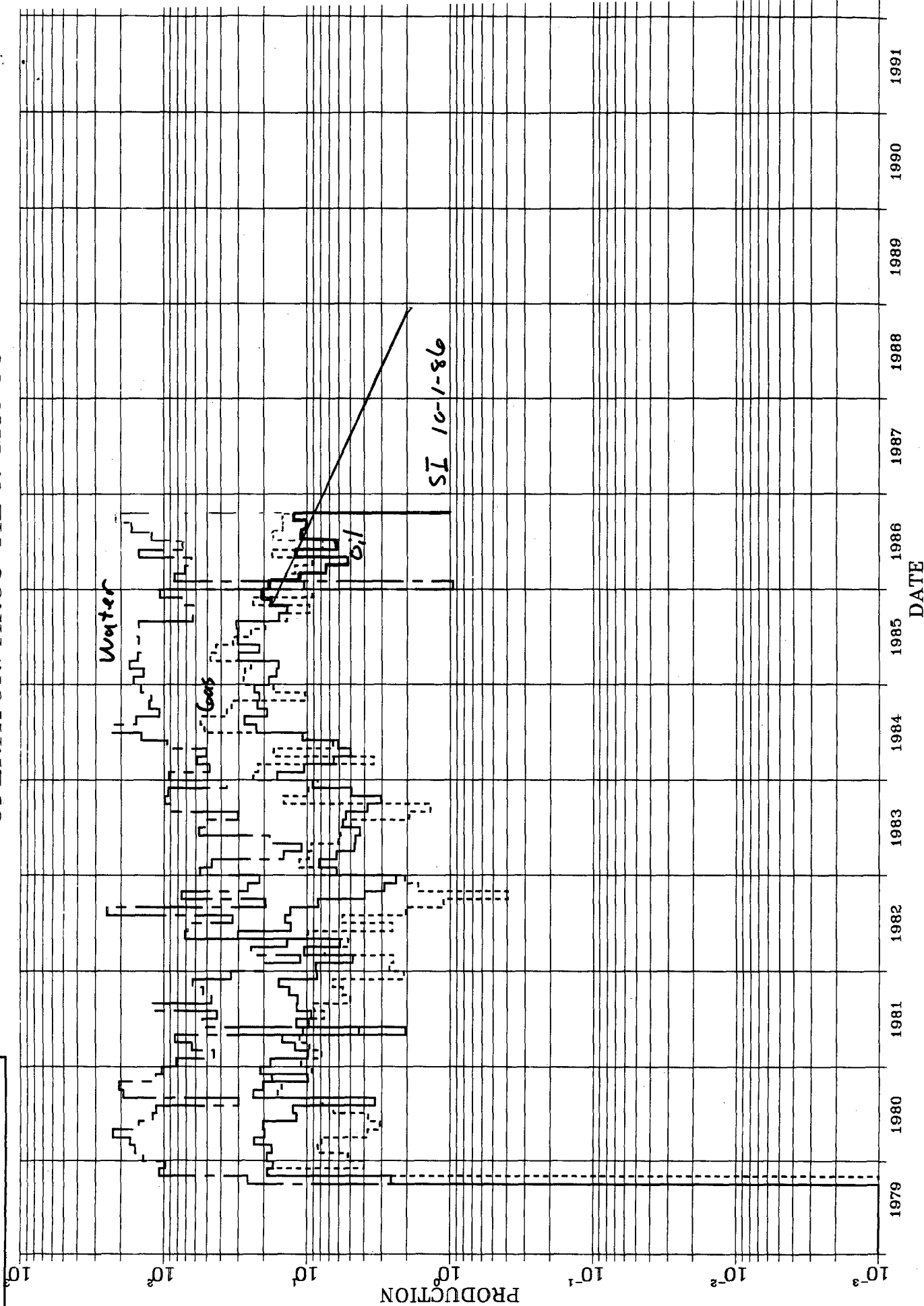
STATE: NEW MEXICO COUNTY: LEA BL
FIELD: JUSTIS BLINEBRY
LEASE: STATE Y WELL # 000003
OPERATOR: ARCO OIL & GAS CO

LEGEND
OIL PRODUCTION, STBO/D
GAS PRODUCTION, MCF/D
WATER PRODUCTION, STBW/D



STATE: NEW MEXICO COUNTY: LEA MO
FIELD: JUSTIS MONTOYA
LEASE: STATE Y WELL# 000003
OPERATOR: ARCO OIL & GAS CO

LEGEND
OIL PRODUCTION, STBO/D
GAS PRODUCTION, MCF/D
WATER PRODUCTION, STBW/D





Date: November 19, 1986
Subject: State Y No's. 3 and 9
Bottomhole Pressure Estimate

From/Location: L. A. Parnell - 121 H00
Telephone: 392-1253
To/Location: Mr. R. S. Prentice - 117 M10

Static pressure tests were conducted on the subject wells to determine the reservoir pressure in the Blinebry and Montoya zones. Results of the tests are as follows:

WELL	START DATE	RESERVOIR	TEST LENGTH (hrs.)	BHP (psia)
#3	11/7/86	Blinebry	72	254
#9	11/14/86	Montoya	96	475

Please inform me if further information is required.

L. A. Parnell
Production/Facilities Engineer

RESULT OF WATER ANALYSES

TO: Mr. George Ricks
P.O. Box 1710, Hobbs, NM

LABORATORY NO. 484419
SAMPLE RECEIVED 4-30-84
RESULTS REPORTED 5-7-84

COMPANY ARCO Oil & Gas Company LEASE State "Y"
FIELD OR POOL Justis

SECTION 25 BLOCK _____ SURVEY T-25S COUNTY Lea STATE NM
R-37E
 SOURCE OF SAMPLE AND DATE TAKEN: _____

SOURCE OF SAMPLE AND DATE TAKEN:

NO. 1 Produced water - taken from State "Y" #6 (wellhead).

NO. 2

REMARKS: Montoya - 6,915' - 6,971'

[illegible]

Results Reported As Milligrams Per Liter

Additional Determinations And Remarks In an effort to establish compatibility between the above and Blinbry water, we were unable to come up with any records that you have of Blinbry in this area. We therefore must utilize records from our catalog to establish the most probable compatibility between the two waters. With this qualification, we did not identify any evidence of incompatibility between this Montoya water and our area records of Blinbry.

State Y 3
Commingling Computation

Perforations:

Blinebry 5118-5530'
Montoya 6821-83'

Rule 303-C Production Limitations (Bottom Perf-Lowermost Pool 6000-6999'):

40 BOPD
80 BOPD

Latest Production Data (Based on Form C-116 Submitted 5-22-86):

	<u>Blinebry</u>	<u>% of Total</u>	<u>Montoya</u>	<u>% of Total</u>
BOPD	2	11	16	89
MCFD	66	78	19	22
BWPD	1	1	118	99

ARCO Oil and Gas Company
Central District
Post Office Box 1610
Midland, Texas 79702
Telephone 915 688 5200



CERTIFIED
RETURN RECEIPT
REQUESTED

November 6, 1986

OFFSET OPERATORS
STATE Y LEASE

Gentlemen:

Notification of Intent to Downhole Commingle
the Justis Blinebry and Justis Montoya Pools
State Y No. 3
330' FNL & 1650' FEL
Section 25, T-25-S, R-37-E
Lea County, New Mexico

In accordance with New Mexico Oil Conservation Division regulations, you are hereby notified of ARCO Oil and Gas Company's application to downhole commingle production from the Justis Blinebry and Justis Montoya pools in the State Y No. 3 well.

Yours very truly,

R. S. Prentice
Senior Engineer

RSP:tis

R 38 E

By <u>Jeffy Parnell</u>	Drawn By <u>1</u> Date <u>5-85</u>
Date <u>4-9-86</u>	Revised By <u>E Davis</u> Date <u>4-86</u>
Doc <u>WEST AREA ENGR.</u>	Dwg No

OFFSET OPERATORS

STATE Y LEASE

Amerada Hess Corporation
2207 Industrial
Midland, TX 79701

Amoco Producing & Exploration Co.
4044 Penbrook
Odessa, TX 79762

Texaco Producing, Inc.
P.O. Box 3109
Midland, TX 79702

Union Texas Petroleum Corporation
Box 2120 One Riverway
Houston, TX 77252

State Y No. 7
Information for Downhole Commingling

- a. Operator: ARCO Oil and Gas Company
Post Office Box 1610
Midland, Texas 79702
- b. Lease, Well, Location & Pools:

State Y No. 7
430' FNL & 760' FEL
Section 25, T-25-S, R-37-E
Lea County, New Mexico
Justis Blinebry and Justis Montoya Pools
- c. Acreage Dedication (40 acres) - Attached
- d. 24-Hour Productivity Test - Latest Form C-116 & Forms C-115 Attached
- e. Decline Curves - Attached
- f. Bottom Hole Pressures - Attached

Blinebry: 254 PSIA
Montoya: 475 PSIA
- g. Fluid Compatibility - Martin Water Laboratories Analysis Attached
- h. Commingling Computations Attached
- i. Allocation of Production - based on last production ratios:
- | | <u>Oil</u> | <u>Gas</u> | <u>Water</u> |
|----------|------------|------------|--------------|
| Blinebry | 30% | 96% | 1% |
| Montoya | 70% | 4% | 99% |
- j. Notification of Offset Operators (Includes Offset Ownership) - Attached

All offset operators have been notified by certified mail
of this downhole commingling application.

NEW MEXICO OIL CONSERVATION COMMISSION
Well Location and Acreage Dedication Plat

Section A.

Date April 8, 1959

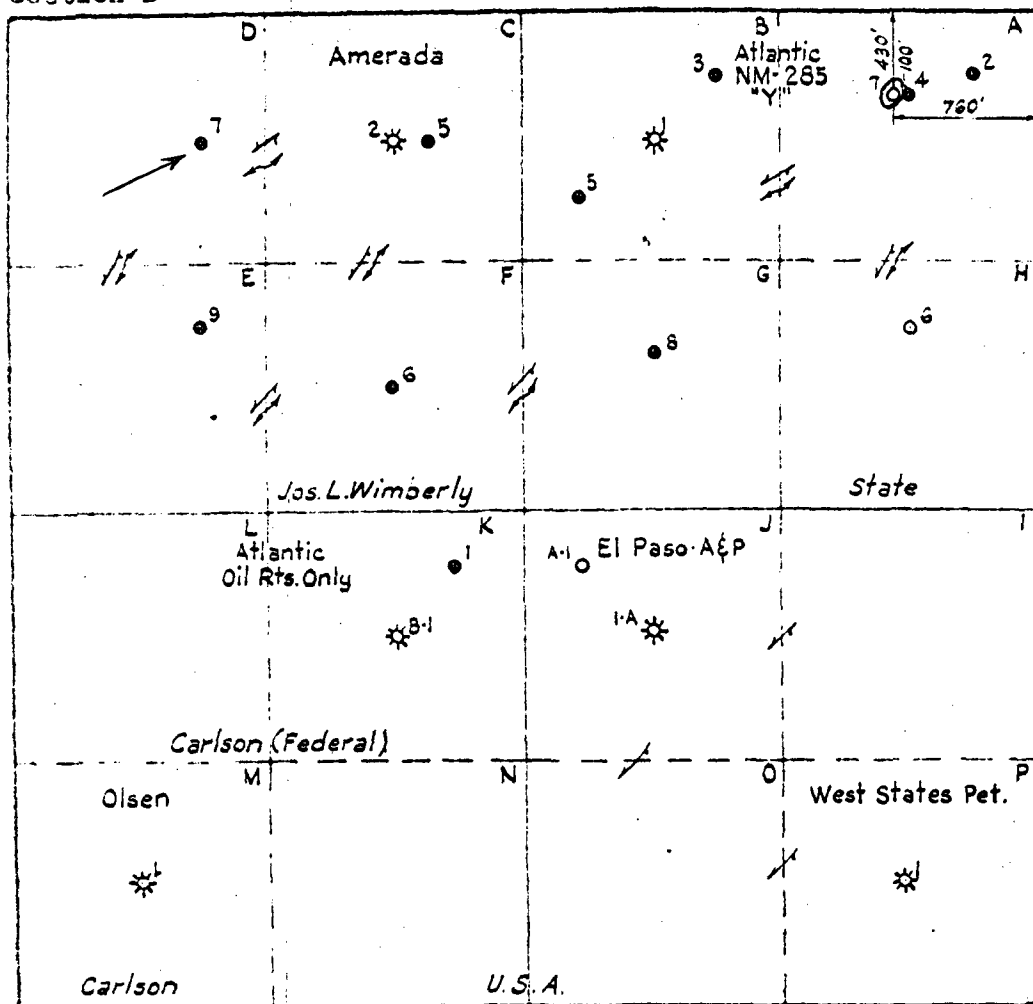
Operator The Atlantic Refining Company Lease State "Y"
Well No. 7 Unit Letter A Section 25 Township 25 South Range 37 East NMPM
Located 430 Feet From the North Line, 760 Feet From the East Line
County Lea G. L. Elevation _____ Dedicated Acreage 39.98 Acres
Name of Producing Formation Blinberry-Montoya Pool Justis

1. Is the operator the only owner* in the dedicated acreage outlined on the plat below?
Yes x No _____.
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes _____ No _____. If answer is "yes," Type of Consolidation _____
3. If the answer to question two is "no," list all the owners and their respective interests below:

Owner

Land Description

Section B



This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.

The Atlantic Refining Company
(Operator)

W. J. Stewart
(Representative)

P.O. Box 2819, Dallas, Texas
Address

This is to certify that the well location shown on the plat in Section B 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 April 3, 1959

R. A. Waterhouse
R. A. Waterhouse, Asst. Chief Surveyor
The Atlantic Refining Company

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

Form C-116
Revised 10-1-78

GAS-OIL RATIO TESTS

Operator		Pool		County		Lea									
ARCO Oil and Gas Company		Justis Blinberry		Schafer		Special									
Div of Atlantic Richfield Company		P. O. Box 1710, Hobbs, New Mexico 88240		TYPE OF TEST - (X)		Completion									
LEASE NAME		WELL NO.	LOCATION			DATE OF TEST	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 BBLs.	GRAV. OIL	OIL BBLs.	GAS M.C.P.	
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"	3Y	P	11	25	37		2/17/86	P	5	24	5	36.2	5	38	7,600
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"	2	G	14	25	37		2/20/86	P	10	24	6	36.2	8	127	15,875
Langlie "B" Federal	1	A	14	25	37		2/21/86	P	5	24	5	36.2	4	40	10,000
"	2	B	14	25	37		2/20/86	P	4	24	4	36.2	4	32	8,000
State Y	3	B	14	25	37		2/17/86	P	2	24	1	36.2	2	66	33,000
"	7.3	A	14	25	37		2/06/86	P	8	24	1	36.2	3	99	33,000

No well will be assigned an allowable greater than the amount of oil produced on the offset test.

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 35 percent. Operator is encouraged to take advantage of this 35 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.

Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Division in accordance with Rule 301 and appropriate pool rules.

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

John M. Dickson
(Signature)

Services Supv.

5/22/86
(Date)

GAS-OIL RATIO TESTS

Operator		Pool		County		Lea								
ARCO Oil and Gas Company		Justis Montoya												
iv. of Atlantic Richfield Company														
O. Box 1710, Hobbs, New Mexico 88240														
LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	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 BBLs.	GRAV. OIL		OIL BBLs.
State "Y"	3	B	25	25	37	2/18/86	P	19	24	118	36.2	16	19	1,187
"	* 7	A	25	25	37	2/20/86	P	21	24	13	36.2	7	4	571
"	* 9	A	25	25	37	2/20/86	P	21	24	13	36.2	12	12	1,000
	* Share same 40 acre proration unit													

Completion ☐ Special ☐

Scheduled ☒ Y

TYPE OF TEST - (X)

No well will be assigned an allowable greater than the amount of oil produced on the official test.

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.

Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Division in accordance with Rule 331 and appropriate pool rules.

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

Signature
(Signature)

Services Supv.

(Title)

5/22/86

NEW MEXICO OIL CONSERVATION COMMISSION
P. O. Box 2088, Santa Fe 87501

OPERATOR'S MONTHLY REPORT

ARCO Oil and Gas Company, Division of
Atlantic Richfield Company

(Address) P.O. Box 1610, Midland, TX

(City) 79702

(Year) 1986

(Page) 153 of 167

DISTRIBUTION

ORIGINAL TO OCC SANTA FE
ONE COPY TO OCC DIST. OFFICE
ONE COPY TO TRANSPORTER(S)

POOL NAME (Underline)		INJECTION		TOTAL LIQUIDS PRODUCED			GAS PRODUCED (MCF)	DAYS PROD.	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			SOLD	TRANS. POR-TEN	OTHER	C O D E	OIL ON HAND AT BEG. OF MONTH	BARRELS TO TRANS-PORTER	TRANS. POR-TER	OTHER	C O D E
*LEASE NAME - Include State Lease Number or Federal Lease Number																	
Commingled Batteries Same Lease Name Cont.																	
(Commingled with Justis Fusselman, Justis Montoya, Justis Tubb Drinkard)																	
Justis Blinebry																	
State Y B-11478																	
3 UT-B 25 25S 37# F																	
6 UT H 25 25S 37E F																	
7 UT-A 25 25S 37E F																	
Total																	
Justis Fusselman																	
State Y B-11478																	
5 LT-B 25 25S 37E P																	
8 LT-H 25S 37E T																	
Total																	

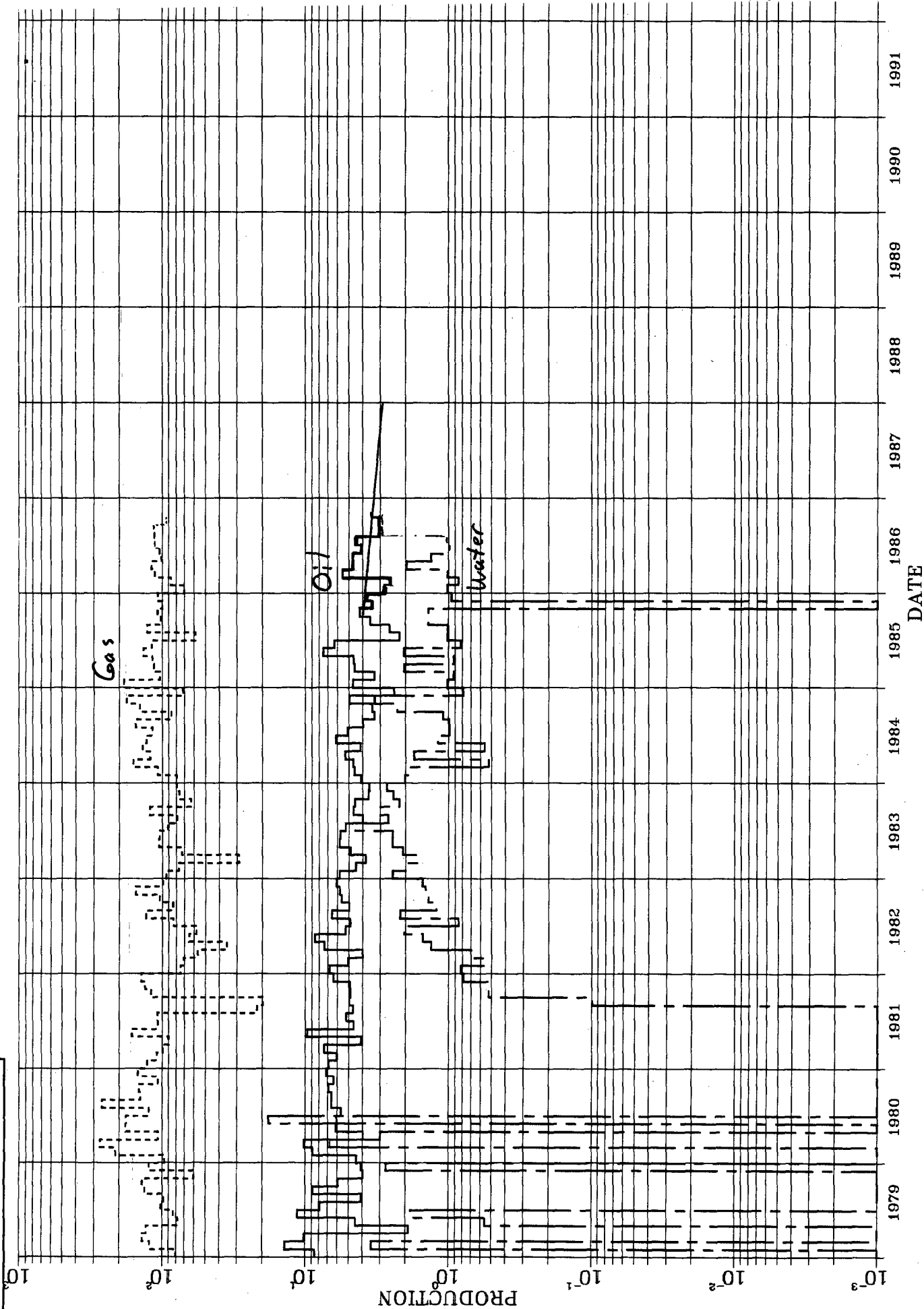
<u>STATUS CODE</u> F.....FLOWING P.....PUMPING G.....GAS LIFT S.....SHUT IN T.....TEMP ABANDONED I.....INJECTION D.....DISCONTINUED	<u>"OTHER" GAS DISPOSITION CODE</u> X.....USED OFF LEASE D.....USED FOR DRILLING G.....GAS LIFT L.....LOST (MCF ESTIMATED) E.....EXPLANATION ATTACHED R.....PRESSURING OR V.....VENTED U.....USED ON LEASE		<u>"OTHER" OIL DISPOSITION CODE</u> C.....CIRCULATING OIL L.....LOST S.....SEDIMENTATION (BSEW) E.....EXPLANATION ATTACHED	I HEREBY CERTIFY THAT THE INFORMATION GIVEN IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE
	DETAIL ON FORM C-111			
			(NAME)	
			(POSITION)	
			(SIGNATURE)	

POOL NAME (Underline)						INJECTION		TOTAL LIQUIDS PRODUCED			DISPOSITION OF GAS		DISPOSITION OF OIL										
*Lease Name						VOLUME	PRESS.	MONTHLY OIL ALLOWABLE	ACTUAL BARRELS OF WATER PRODUCED	BARRELS OF WATER PRODUCED	GAS PRODUCED (MCF)	DAYS PROD.	SOLD	TRANS-PORTER	OTHER	C O D E	BARRELS TO TRANS-PORTER	TRANS-PORTER	OTHER	C O D E	OIL ON HAND AT BEG. OF MONTH	OIL ON HAND AT END OF MONTH	
WELL NO UNIT SEC TWP RNG																							
LEASE NAME - Include State Land Lease Number or Federal Lease Number																							
Commingled Batteries Same Lease Name Cont.																							
Justis Montoya						(Commingled with Justis Blinebry, Justis Fusselman, Justis Tubb Drinkard)																	
State Y B-11478																							
3 LT-B 25 25S 37E F						589		370	4530	535	30												
6 LT-H 25 25S 37E P						279		118	992	35	31												
7-9 LT-A 25 25S 37E P-P						651		389	626	563	19/31												
Total						1519		877	6148	1133			1011	EPG	122	u							
Justis Tubb Drinkard						(Commingled with Justis Blinebry, Justis Fusselman, Justis Montoya)																	
State Y B-11478																							
10 LT-H 25 25S 37E P						186		135	93	2273	31												
TOTAL						186		135	93	2273			2152	EPG	121	u							
BATTERY TOTAL						2759		1684	9681								2817	1779	TNM			2722	

STATUS CODE F..... FLOWING P..... PUMPING G..... GAS LIFT S..... SHUT IN T..... TEMP. ABANDONED I..... INJECTION O..... OIL CONTROLLED	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 O..... OTHER	OTHER OIL DISPOSITION CODE C..... CIRCULATING OIL L..... LOST S..... SEDIMENTATION (HSEW) E..... EXPLANATION ATTACHED	I HEREBY CERTIFY THAT THE INFORMATION GIVEN IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE
(NAME)	(NAME)	(NAME)	(NAME)
(POSITION)	(POSITION)	(POSITION)	(POSITION)

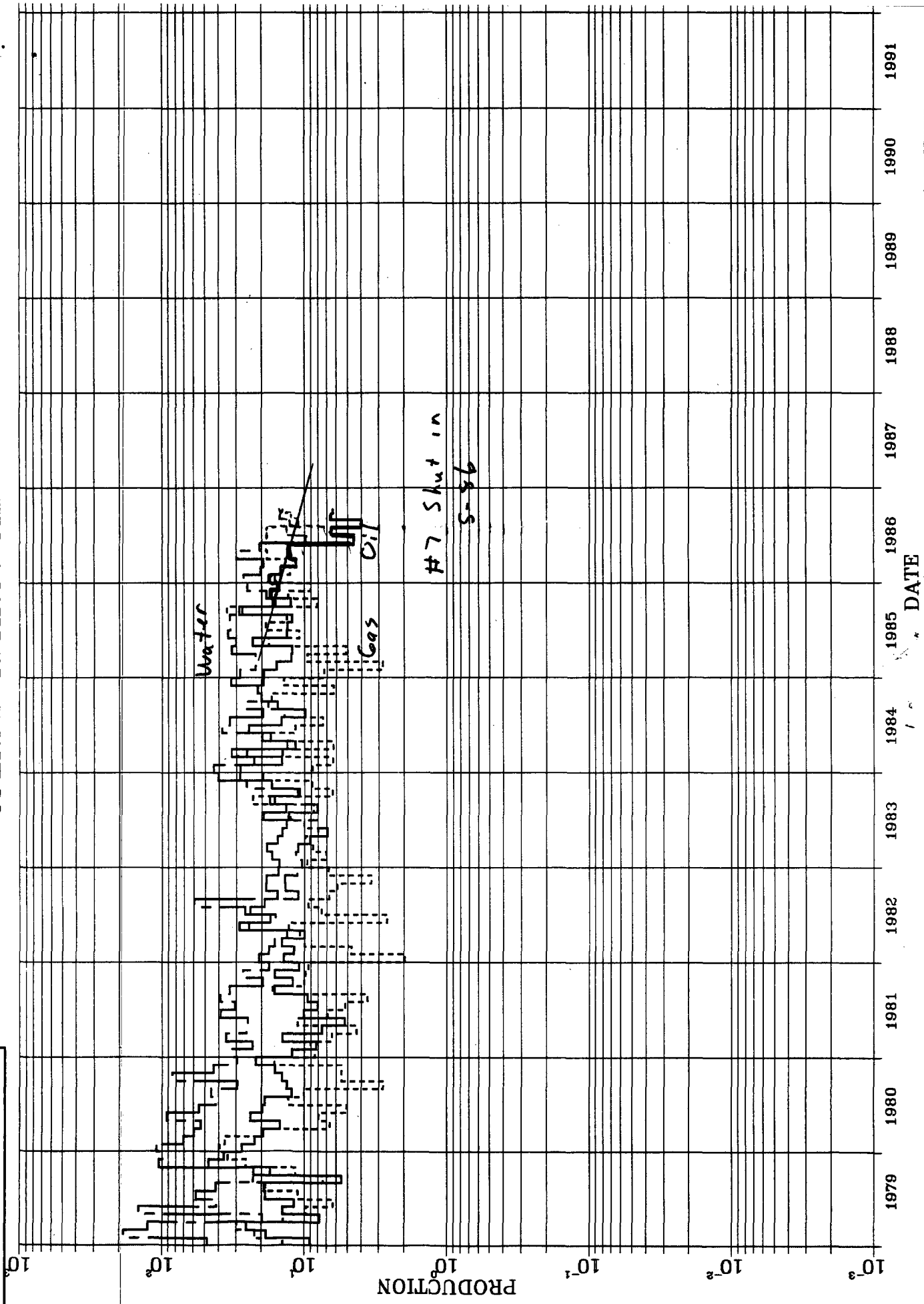
STATE: NEW MEXICO COUNTY: LEA BL
FIELD: JUSTIS BLINEBRY
LEASE: STATE Y WELL# 000007
OPERATOR: ARCO OIL & GAS CO

LEGEND
OIL PRODUCTION, STBO/D
GAS PRODUCTION, MCF/D
WATER PRODUCTION, STBW/D



LEGEND
OIL PRODUCTION, STBO/D
GAS PRODUCTION, MCF/D
WATER PRODUCTION, STBW/D

STATE: NEW MEXICO COUNTY: LEA
FIELD: JUSTIS MONTOYA MO
LEASE: STATE Y WELL# 000007 + 9
OPERATOR: ARCO OIL & GAS CO





Date: November 19, 1986
Subject: State Y No's. 3 and 9
Bottomhole Pressure Estimate

From/Location: L. A. Parnell - 121 H00

Telephone: 392-1253

To/Location: Mr. R. S. Prentice - 117 M10

Static pressure tests were conducted on the subject wells to determine the reservoir pressure in the Blinebry and Montoya zones. Results of the tests are as follows:

WELL	START DATE	RESERVOIR	TEST LENGTH (hrs.)	BHP (psia)
#3	11/7/86	Blinebry	72	254
#9	11/14/86	Montoya	96	475

Please inform me if further information is required.

L. A. Parnell
Production/Facilities Engineer

State Y 7
Commingling Computations

Perforations:

Blinebry 5038-5432'
Montoya 6868-6960'

Rule 303-C Productions Limitations (Bottom Perf-Lowermost Pool 6000-6999'):

40 BOPD
80 BWPD

Latest Production Data (Based on Form C-116 Submitted 5-22-86):

	<u>Blinebry</u>	<u>% of Total</u>	<u>Montoya</u>	<u>% of Total</u>
BOPD	3	30	7	70
MCFD	99	96	4	4
BWPD	1	1	13	99

ARCO Oil and Gas Company
Central District
Post Office Box 1610
Midland, Texas 79702
Telephone 915 688 5200



CERTIFIED
RETURN RECEIPT
REQUESTED

October 21, 1986

OFFSET OPERATORS
STATE Y LEASE

Gentlemen:

Notification of Intent to Downhole Commingle
the Justis Blinebry and Justis Montoya Pools
State Y No. 7
430' FNL & 760' FEL
Section 25, T-25-S, R-37-E
Lea County, New Mexico

In accordance with New Mexico Oil Conservation Division regulations, you are hereby notified of ARCO Oil and Gas Company's application to downhole commingle production from the Justis Blinebry and Justis Montoya pools in the State Y No. 7 well.

Yours very truly,

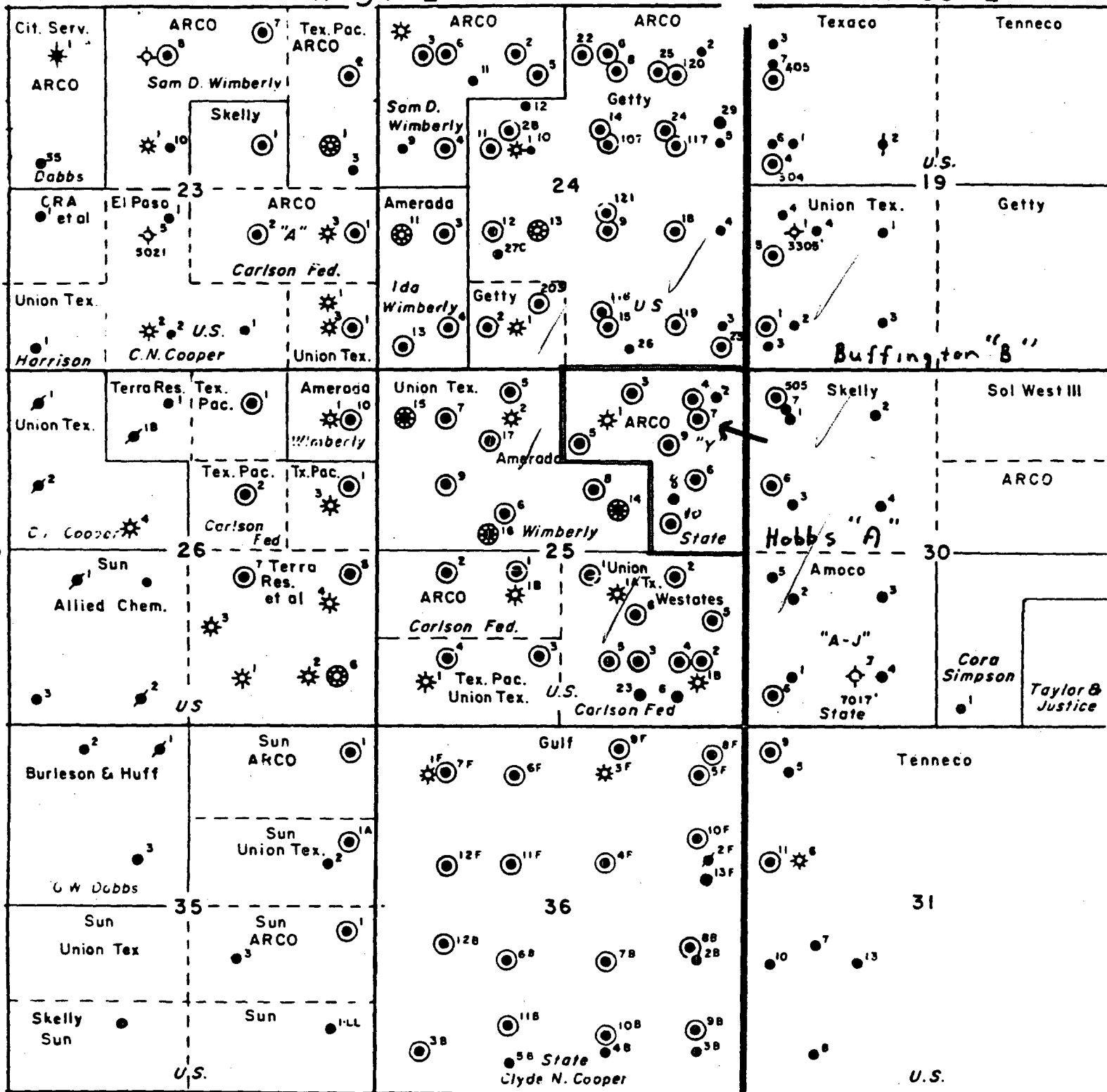
Rubert S. Prentice

R. S. Prentice
Senior Engineer

RSP:tis

R 37 E

R 38 E



ARCO Oil and Gas Company 
 Division of Atlantic Richfield Company
 Permian District Midland, Texas

LEA COUNTY, NEW MEXICO

SCALE 1" = 2000'

By D. BRUCKER	Drawn By	Date 5-8
Date 7-18-83	Revised By	One
Doc WEST AREA ENGR.	Map 4	

OFFSET OPERATORS

STATE Y LEASE

Amerada Hess Corporation
2207 Industrial
Midland, TX 79701

Amoco Producing & Exploration Co.
4044 Penbrook
Odessa, TX 79762

Texaco Producing, Inc.
P.O. Box 3109
Midland, TX 79702

Union Texas Petroleum Corporation
Box 2120 One Riverway
Houston, TX 77252