



Amoco Production Company

Petroleum Center Building
501 Airport Drive
Farmington, New Mexico 87401
505-325-8841

S. D. Blossom
District Superintendent

January 10, 1984

New Mexico Oil Conservation Division
1000 Rio Brazos Road
Aztec, NM 87410

RECEIVED

JAN 25 1984

**OIL CON. DIV.
DIST. 3**

File: DHS-10-986.510.1

Commingling Application for the Jicarilla Contract 155 No. 22, Unit I,
Section 31, T26N, R5W, Rio Arriba County, New Mexico

Amoco Production Company requests approval to downhole commingle production from the Basin Dakota and the Blanco Mesaverde pools in the subject well. The commingling will utilize a production packer set between the two zones at 7040' and a sliding sleeve set at 7030' to produce up 2-3/8" tubing landed at 7286'.

The commingling of Dakota and Mesaverde pools is necessary to more efficiently produce the Mesaverde. The gas production of the Mesaverde is not sufficient to lift Mesaverde liquids up the tubing-casing annulus. By producing the Mesaverde up the tubing, the liquids from the Mesaverde will be efficiently produced. The proposed commingling will not adversely affect either zone for the following reasons:

1. Neither zone will be damaged by the small amount of formation water which is produced. The Dakota formation has averaged 0 BWPM during 1983. The Mesaverde has averaged 0 BWPM during 1983.
2. Neither zone has a history of sensitivity to liquid hydrocarbons and should not be damaged by condensate production.
3. Both zones have common ownership, so the allocation of royalty or working interest payments will not be a problem.
4. The bottom hole pressure of the Basin Dakota is 97 percent of the Mesaverde.

In compliance with NMOCD Rule 303C, please find two copies of each of the following:

1. "Well Location and Dedication Plat" (NMOCD Form C-102).
2. Well location map showing location of all outside operated wells.
3. List of names and addresses of operators for all outside operated wells.

Page 2
January 10, 1984
File: DHS-10-986.510.1

4. A complete well completion history (USGS Form 9-331, "Sundry Notices and Reports on Wells).
5. A complete engineering completion summary on both zones.
6. Production decline curve for the Basin Dakota.
7. Production decline curve for the Blanco Mesaverde.
8. NMOCD Form C-116 showing latest Dakota production.
9. NMOCD Form C-116 showing latest Mesaverde production.
10. Seven-day bottom hole pressure on the Dakota.
11. Calculated bottom hole pressure on the Mesaverde.
12. Gas analysis from the Dakota.
13. Gas analysis from the Mesaverde.
14. Water analysis from the Dakota.
15. Formula for the allocation of production for each commingled zone.
16. A copy of the letter sent to all offset operators and the Bureau of Land Management notifying them of our intent to commingle.

To allocate production to the individual Mesaverde and Dakota horizons we recommend the following:

1. Allocate 18 percent of the gas production to the Mesaverde horizon.
2. Allocate 82 percent of the gas production to the Dakota horizon.
3. Allocate 24 percent of the condensate production to the Mesaverde horizon.
4. Allocate 76 percent of the condensate production to the Dakota horizon.

Please approve this commingling application as soon as possible so we can produce the Mesaverde up the tubing.

Yours very truly,

J. D. Blossom
JMB

MJB/lf/tk
Attachments

AMQ

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C. L. COOK
DIST. 7

Attachment 1

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.

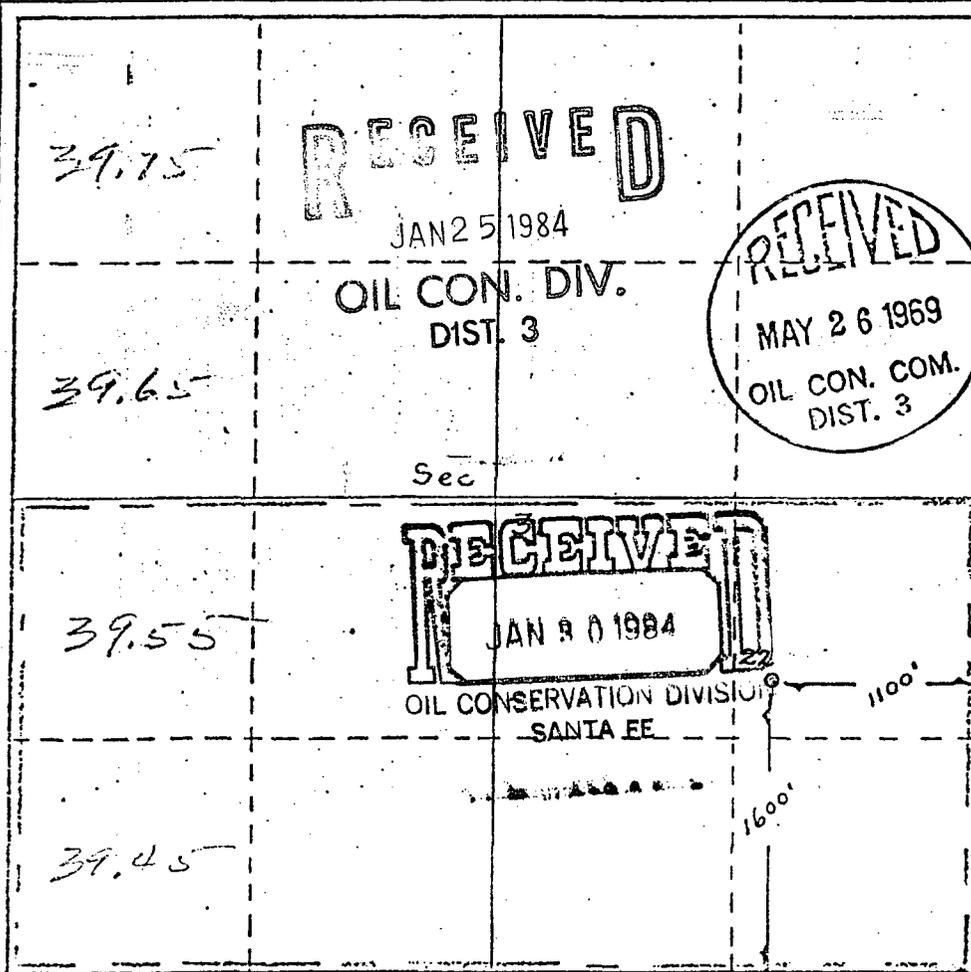
Operator Pan American Petroleum Corp.		Lease Jicarilla Contract 155		Well No. 22
Unit Letter I	Section 31	Township 26N	Range 5W	County Rio Arriba
Actual Footage Location of Well: 1600 feet from the South line and 1100 feet from the East line				
Ground Level Elev. 6652 (ungraded)	Producing Formation Dakota	Pool Basin Dakota	Dedicated Acreage: S/2 319.5 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.

G. W. Eaton, Jr.
Name
G. W. Eaton, Jr.
Position
Area Engineer
Company
PAN AMERICAN PETROLEUM CORP.
Date
May 21, 1969

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
May 17, 1969
Registered Professional Engineer
and/or Land Surveyor
Fred B. Keen, Jr.
Certificate

Attachment 3

Tenneco Oil Company
P.O. Box 3249
Englewood, Colorado 80155

El Paso Natural Gas Company
P.O. Box 990
Farmington, New Mexico 87499

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OIL CON. DIV.
DIST. 3

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIP (Other instructions reverse side)

Form approved. Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Jicarilla Contract 155

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla Contract 155

9. WELL NO.

22

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

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

NE/4 SE/4 Section 31,

T-26-N, R-5-W

12. COUNTY OR PARISH

Rio Arriba

New Mexico

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
AMOCO PRODUCTION COMPANY

3. ADDRESS OF OPERATOR
501 Airport Drive, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface

1600' FSL & 1100' FEL, Section 31, T-26-N, R-5-W

14. PERMIT NO.

15. ELEVATIONS (Show whether DP, RT, GR, etc.)

6652' GL. 6666' RDB

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON*

SHOOTING OR ACIDIZING

ABANDONMENT*

REPAIR WELL

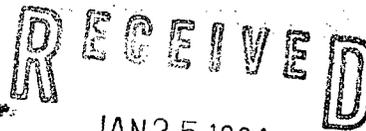
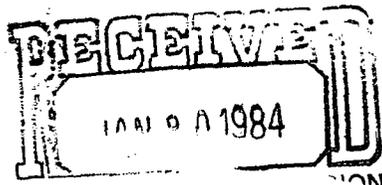
CHANGE PLANS

(Other) Dual Completion

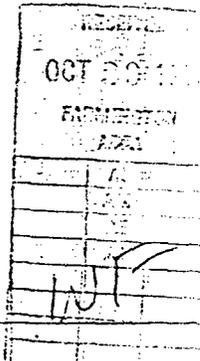
(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

On 9-17-73 moved in a service unit to dually complete the subject well. Set a Model "NC" bridge plug at 7050' and loaded hole with 0.8% KCl water. Spotted 500 gallons 15% HCl. Perforated intervals 5116-5139, 5165-5171, 5187-5194, 5202-5207, 5216-20, 5231-5237 & 5270-5276 with 1 SPP. Sand-water fraced 9-19-73 with 40,000 gallons treated water, 20,000 pounds 10-20 sand and 20,000 pounds 8-12 sand. Dropped 25 balls midway thru frac and injection rate went from 60 BPM at 2200 psi to 30 BPM at 2900 psi. Maximum pressure 2900 and average 2650 psi. AIR 45 BPM. Cleaned out well to bridge plug at 7050'. Drilled and pushed bridge plug to 7400' PBD. On 9-22-73 set a Model "D" packer at 7040'. Landed 2-3/8" tubing in packer with 1-1/4" tubing landing at 7286'.



OIL CON. DIV.
DIST. 3



18. I hereby certify that the foregoing is true and correct

SIGNED ARNOLD SNELL

TITLE Area Engineer

DATE October 26, 1973

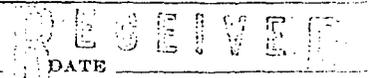
(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:



OCT 29 1973

015-11565, New Mexico
1- AT Hunt
1- Jim Smith, New Mexico
1- Ryan

*See Instructions on Reverse Side

U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

Open

Attachment 4 con't
 UNITED STATES DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY
 SUBMIT IN TRIPlicate (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.

Jicarilla Contract 155

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla Contract 155

9. WELL NO.

22

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

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

SE/4, Section 21,

T-26-N, R-5-W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
AMOCO PRODUCTION COMPANY

3. ADDRESS OF OPERATOR
501 Airport Drive, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface

1600 PSL & 1100 PSL, Section 21, T-26-N, R-5-W

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

6652' GL 6666' RDB

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data:

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input checked="" type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(Other)			

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other)			

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Amoco intends to dually complete this existing Dakota well with the Mesaverde. The procedure which we intend to use is as follows:

1. Pull tubing and set a bridge plug above Dakota perf.
2. Run gamma ray neutron log.
3. Perf. and sand/water frac. productive Mesaverde Zones from 5115-5295.
4. Drill bridge plug and clean out to bottom.
5. Set a production packer over the Dakota and set tubing in packer.
6. Complete as a Basin Dakota and Gonzales Mesa Mesaverde well with Dakota gas produced up tubing and Mesaverde gas up casing.

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 SANTA FE

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 DIST. 3

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JUL 3 1973	
FARMINGTON	
MESA	
AS	
MS	
NE DHT	
AA	
Zu [Signature]	
[Signature]	
WJ	

18. I hereby certify that the foregoing is true and correct

SIGNED Original Signed by **F. ARNOLD SNELL** TITLE Area Engineer DATE June 29, 1973

(This space for Federal or State office use)

APPROVED BY
APPROVED
 JUL 2 1973
 Jerry W. Long
 JERRY W. LONG
 DISTRICT ENGINEER

TITLE _____ DATE _____

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JUL 2 1973

*See Instructions on Reverse Side

U. S. GEOLOGICAL SURVEY
 FARMINGTON, N.M.

Attachment 5
Well Completion History

- 11-02-69 - MIRUSU. Drill out DV tool at 5381' and clean out to PBD at 7400'.
- 11-03-69 - Perforate 7220-30', 7260-62', and 7303-08' with 2 JSPF. Frac interval with 30,410 gallons treated water and 30,000 pounds sand. Set CIBP at 7200' and pressure test. Perforated 7090-7110' with 2 JSPF. Fraced interval with 20,000 pounds sand.
- 11-04-69 - Drill out CIBP and clean out to PBD. Land 2-3/8" tubing at 7220'.
- 11-05-69 - Released rig.
- 9-17-73 - MIRUSU and TOH with 2-3/8" tubing.
- 9-18-73 - Perforate 5276-70', 5237-31', 5220-16', 5207-02', 5194-87', 5171-65', and 5139-16' with 1 JSPF. Frac with 42,000 gallons treated water and 40,000 pounds sand.
- 9-21-73 - TIH with 2-3/8" tubing landing seal assembly in packer at 7040'.
- 9-22-73 - Release rig.

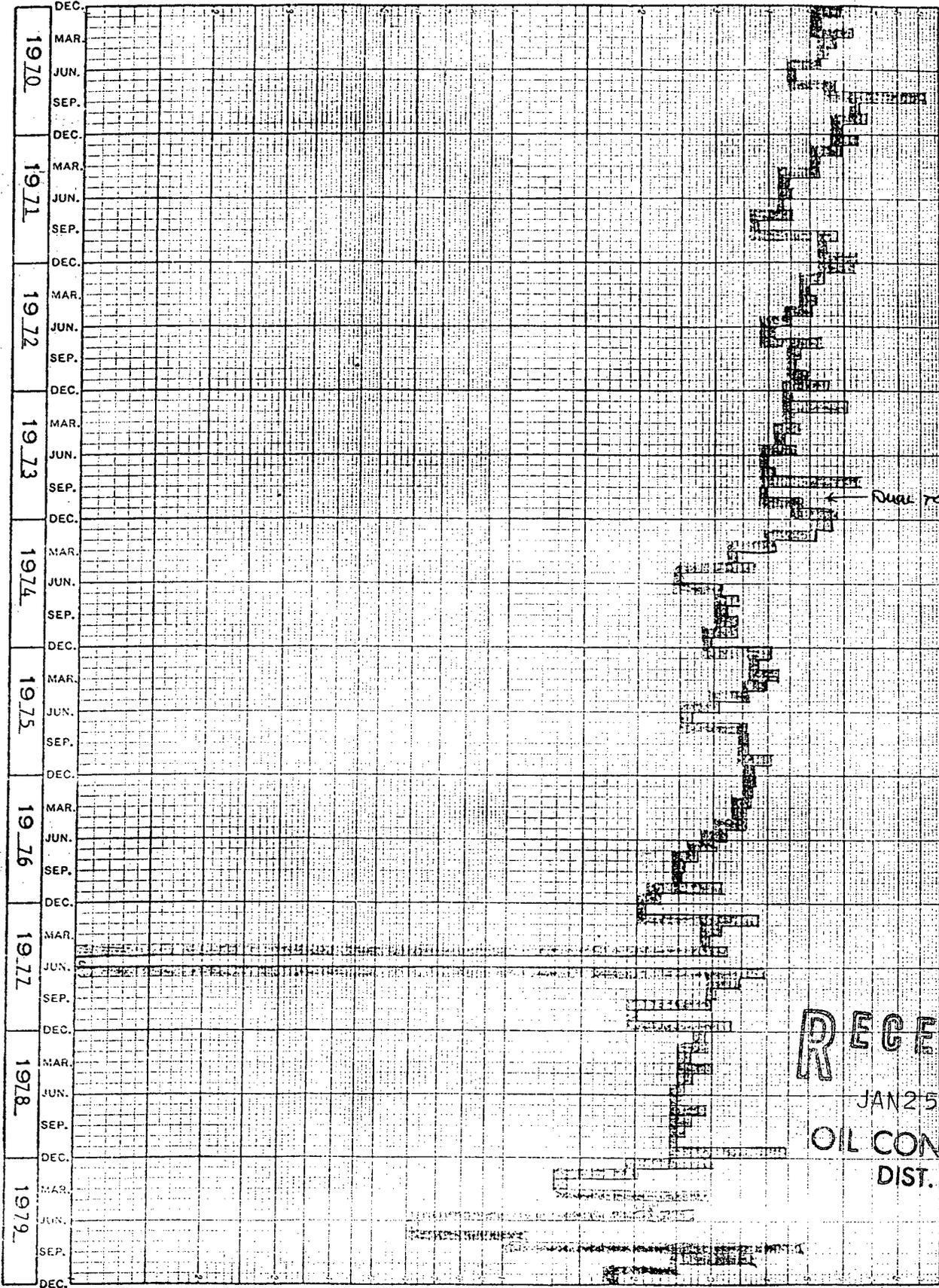
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1,000

100

10

Basin Dakota
Jicarilla Contract 155 No. 22
(Commingled, Gonzales MV)



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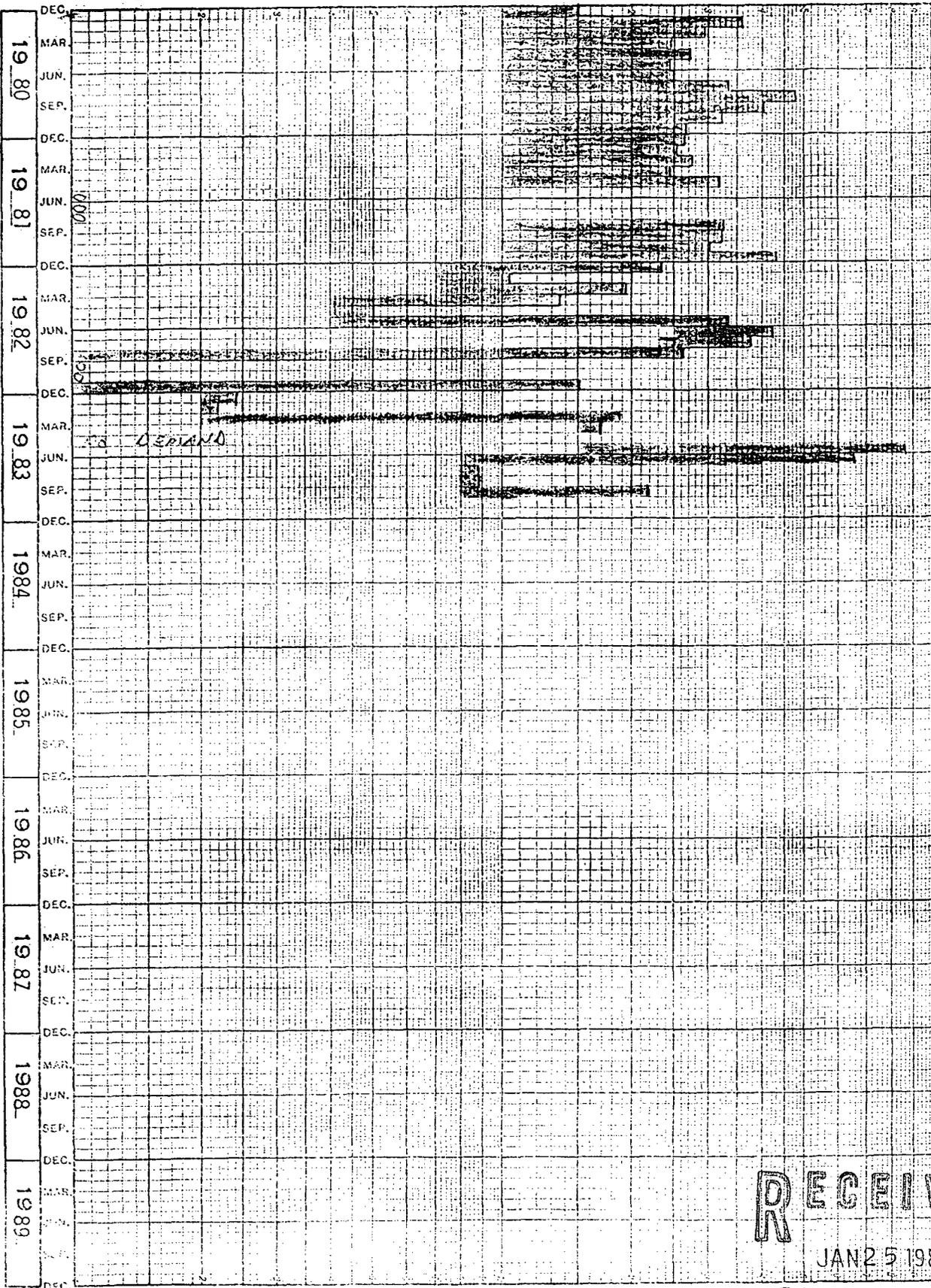
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OIL CON. DIV.
DIST. 3

JICARILLA CONTRACT 155 #22
I 31 26N 5W
BASIN DAKOTA

NO. 3157 TEN YEARS BY MONTHS X 2 3/4 INCH CYCLES RATIO 100:1

CONTECH IN STOCK DIRECT FROM CONTECH HOOK CO., HORNWOOD, MASS. 02043
GRAVEL PAPER PRINTED IN U.S.A.



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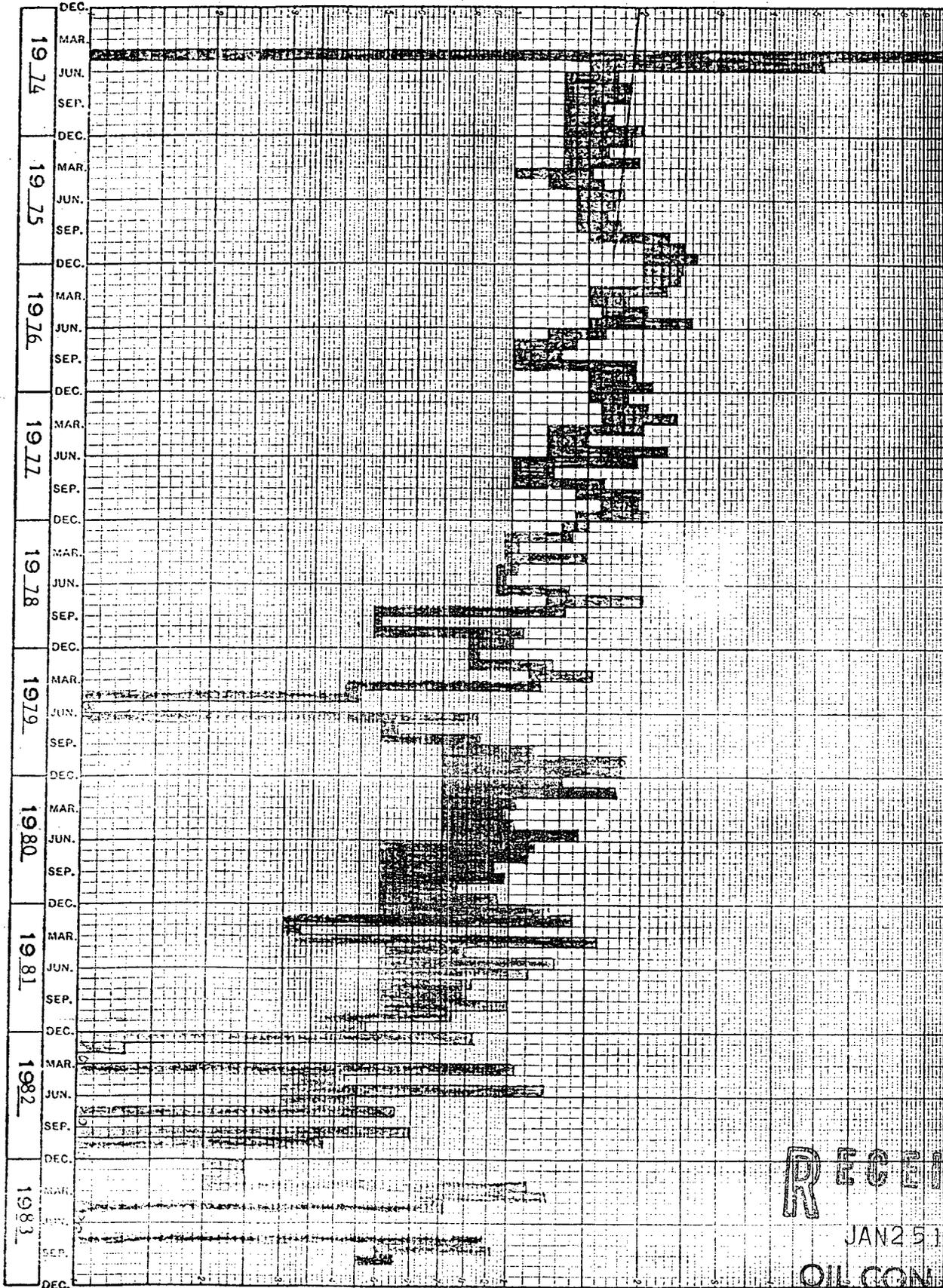
OIL CON. DIV.
DIST. 3

Attachment 7

NCFD

1,000

Jicarilla Contract 155 No. 22
Gonzales Mesaverde
(Commingle - Basin Dakota)



ATTACHMENT NO. 111

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 OIL CON. DIV.
 DIST. 3

GAS-OIL RATIO TESTS

LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	TYPE OF TEST - (X)	CHOKE SIZE	TMBG. PRESS.	DAILY ALLOWABLE	LENGTH OF TEST HOURS	PROD. DURING TEST			GAS - OIL RATIO CU.FT./BBL.
		U	S	T							R	WATER BBL'S.	GRAV. OIL BBL'S.	
Jicarrilla Contract 155 (DAX)	22	I	31	26N	5W	October Production				744	0	54	6752	125037

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DIST. 3

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 allowances 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.
Note: 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.

Walter H. Spear
District Engineer
1/23/84

GAS-OIL RATIO TESTS

Operator: Amoco Production Company Pool: Blanco Mesaverde County: Rio Arriba

Address: 501 Airport Drive, Farmington, New Mexico 87401

LEASE NAME	WELL NO.	LOCATION				DATE OF TEST	TYPE OF TEST - (X)	CHOKE SIZE	DAILY ALLOWABLE	LENGTH OF TEST HOURS	PRODUCTION			GAS-OIL RATIO CU.FT./BBL.
		U	S	T	R						WATER BBL.	OIL BBL.	GAS MCF.	
Jicarilla Contract 155 (MV)	22	I	31	26N	5W	October Production	F		360	0	17	820	48235	

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 the 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.

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Alle H. Stephens
District Supervisor
1/23/84

BOTTOM HOLE PRESSURE DATA

WELL NAME & NO. JIC 15522
FIELD DAR

Date of Test 6-6-83

Well Completion Data

Total Depth _____
Plugged Back Depth _____
Production Casing _____ " CSA _____ Ft.
Tubing _____ " Landed At _____ Ft.
Seating Nipple Depth _____
Perforations _____

Mid-Point Perforations _____
Elevation _____ GL; _____ DF; _____ RDB
Datum (Sub-Sea) _____

Pressure Data

Shut-in Tubing Pressure _____ PSIG
Shut-in Casing Pressure _____ PSIG

Bottom Hole Pressure Data

Type Instrument Used _____
Pressure Range of Element _____
Date Element Calibrated _____

<u>Time</u>	<u>Depth Stopped</u> <u>Surface</u>	<u>Extension</u>	<u>Pressure</u>	<u>Gradient</u>	<u>Temperature</u>
	<u>BHP</u>	<u>1698</u>	<u>1061</u>		
		<u>840</u>	<u>1278</u>		

BHP 1 Datum _____

Remarks _____

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Attachment 11

Bottom Hole Pressure

Jicarilla Contract 155 No. 22 (MV)

The Mesaverde side of the Jicarilla Contract 155 No. 20 was shut-in for seven days. Well head pressure was 1120 psi. Using the Redlick-Kwong method a bottom hole pressure of 1322 psi at 5200 feet was obtained. The Dakota bottom hole pressure is 97 percent of the Mesaverde bottom hole pressure.

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OIL CON. DIV.
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Attachment 12

COMPONENT	MOLX	GFH	SP GR	RTU	UMOLX	SP HEAT
H2S	0.00	0.000	0.0000	0.	0.00	0.000
N2	0.46	0.000	0.0044	0.	0.47	0.006
C1	77.18	0.000	0.4275	781.	77.85	1.010
C2	12.19	0.000	0.1266	216.	12.30	0.145
C02	0.84	0.000	0.0128	0.	0.85	0.011
C3	5.47	1.505	0.0833	138.	5.52	0.062
IC4	0.81	0.265	0.0163	26.	0.82	0.009
HC4	1.42	0.447	0.0285	46.	1.44	0.016
IC5	0.44	0.161	0.0110	18.	0.44	0.005
HC5	0.34	0.123	0.0085	14.	0.35	0.004
C6+	0.85	0.371	0.0273	44.	0.86	0.009
BASE MOLX	100.000	2.872	0.749	1288.	1266.	1.277

12:03:45 05/21/81

METER CODE 8563101-6-0200-03181-JIC. COHT 155 # 22 D-0000

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Sample 5-15-01

06/11/82

EL PASO NATURAL GAS COMPANY
 MEASUREMENT DEPARTMENT
 POST OFFICE BOX 1492
 EL PASO, TEXAS 79999

CHROMATOGRAPHIC GAS ANALYSIS REPORTS

AMOCO PRODUCTION CO.
 ATTN: R. A. CONNER
 501 AIRPORT DRIVE
 FARMINGTON, N. M. 87401

ANAL DATE 06 08 82 METER STATION NAME JICARILLA CONT 155 #22 MV METER STA 86694
 OPER 0203

TYPE CODE 00 SAMPLE DATE 06 08 82 EFF. DATE 06 08 82 USE MOS. 06 SCALE H2S GRAINS LOCATIO
 5 N 0

	NORMAL MOL%	GPM
C O 2	.54	.000
H 2 S	.00	.000
N2	.43	.000
METHANE	79.40	.000
ETHANE	10.89	2.911
PROPANE	5.55	1.527
ISO-BUTANE	.89	.291
NORM-BUTANE	1.32	.416
ISO-PENTANE	.39	.143
NORM-PENTANE	.28	.101
HEXANE PLUS	.31	.135

TOTALS 100.00 5.524

SPECIFIC GRAVITY .723

MIXTURE HEATING VALUE
 (BTU/CF AT 14.73 PSIA, 60 DEGREES, DRY) 1,256

RATIO OF SPECIFIC HEATS 1.279

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 OIL CON. DIV.
 DIST. 3

TECH, Inc.
333 East Main
Farmington
New Mexico
87401
506/327-3311



MJB



OIL-FIELD WATER ANALYSIS REPORT



DATE: December 7, 1983

FURNISHED BY: Morris Bell

COPIES TO:

PAGE: 1/1

REPORTED TO: Amoco Production Co.
501 Airport Drive
Farmington, NM 87401
Attn: Morris Bell

LABORATORY No. 4-229

Company Amoco Production Company		Sample No.	Date Sampled 11-17-83
Field Basin Dakota	Legal Description Unit 1, Sec. 31, T26N RSW	County or Parish Rio Arriba	State NM
Lease or Unit 155 Jicarilla Contract	Well 22	Depth	Formation Dakota
Type of Water (Produced, Supply, etc.) Produced	Sampling Point Production Unit	Sampled By Jerry Muniz	

DISSOLVED SOLIDS

CATIONS	mg/l	me/l
Sodium, Na (calc.)	25	1.1
Calcium, Ca	4	0.2
Magnesium, Mg	0.2	-
Barium, Ba	-	-
Potassium	0.8	-

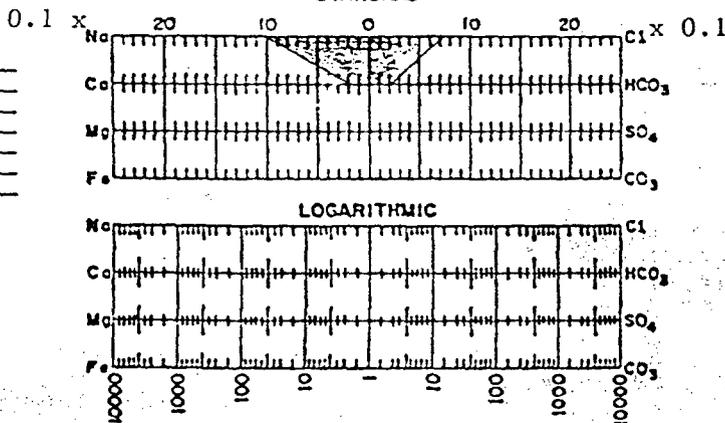
OTHER PROPERTIES

pH	7.19
Specific Gravity, 60/60 F.	1.001
Resistivity (ohm-meters) @ 65 F.	65

WATER PATTERNS — me/l

ANIONS

	me/l	me/l
Chloride, Cl	28	0.7
Sulfate, SO ₄	<5	-
Carbonate, CO ₃	none	-
Bicarbonate, HCO ₃	13.7	0.2



Total Dissolved Solids 376

Iron, Fe (total)
Sulfide, as H₂S

Date Received *	Preserved	Date Analyzed 12/5/83-12/6/83	Analyzed By Stan Lueck
-----------------	-----------	----------------------------------	---------------------------

REMARKS & RECOMMENDATIONS:

*Reanalysis of sample 4-216 (2) received on 11/18/83.

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OIL CON. DIV.
DIST. 3

TECH, Inc.

By Stan Lueck

Attachment 15
Allocation of Production

Average Gas Production

Dakota	202 MCFD
Mesaverde	<u>45 MCFD</u>
Total	247 MCFD

Average Condensate Production

1.9	BOPD
<u>0.6</u>	<u>BOPD</u>
2.5	BOPD

Allocate 82% gas production and 76% condensate production to the Basin Dakota horizon.

Allocate 18% gas production and 24% condensate production to the Blanco Mesaverde horizon.

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OIL CON. DIV.
DIST. 3



Amoco Production Company

Petroleum Center Building
501 Airport Drive
Farmington, New Mexico 87401
505-325-8841

S. D. Blossom
District Superintendent

January 12, 1984

Tenneco Oil Company
P.O. Box 3249
Englewood, CO 80155

Bureau of Land Management
Caller Service 4104
Farmington, NM 87499

El Paso Natural Gas Company
P.O. Box 990
Farmington, NM 87499

File: DHS-8-986.510.1

Proposed Downhole Commingling of Jicarilla Contract 155 No. 22,
Rio Arriba County, New Mexico

This is to advise you that the Farmington District Office of Amoco Production Company is requesting approval from the New Mexico Oil Conservation Division to downhole commingle production from the following well:

Jicarilla Contract 155 No. 22, Unit I, Section 31, T26N, R5W

This well has been completed in the Basin Dakota and Blanco Mesaverde pools.

Enclosed is a wellbore diagram and a map showing the location of offset wells.

If you, as an offset operator, have no objections to the commingling of production from the Basin Dakota and Blanco Mesaverde pools of the subject well, please sign the waiver below and send to:

New Mexico Oil Conservation Division
Box 2088
Sante Fe, NM 87501

We would appreciate your sending one executed copy to the undersigned.

Very truly yours,

S. D. Blossom
JMB

MJB/tk
Enclosures

RECEIVED

JAN 25 1984

OIL CON. DIV.
DIST. 3

Page 2
January 6, 1984
File: DHS-8-986.510.1

Waiver

We hereby waive any objections to Amoco Production Company's application for commingling as set forth above.

Company

By

Date

AM13

RECEIVED

JAN 25 1984

OIL CON. DIV.
DIST. 3



S. D. Blossom
District Superintendent

January 12, 1984

Amoco Production Company

Petroleum Center Building
501 Airport Drive
Farmington, New Mexico 87401
505-325-8841

RECEIVED
JAN 25 1984
EL PASO NATURAL GAS
FARMINGTON OFFICE

RECEIVED
JAN 30 1984
OIL CONSERVATION DIVISION
SANTA FE

Tenneco Oil Company
P.O. Box 3249
Englewood, CO 80155

Bureau of Land Management
Caller Service 4104
Farmington, NM 87499

El Paso Natural Gas Company ✓
P. O. Box 990
Farmington, NM 87499

File: DHS-8-986.510.1

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Rio Arriba County, New Mexico

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Sante Fe, NM 87501

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S. D. Blossom
MJB/tk

Enclosures

Page 2
January 6, 1984
File: DHS-8-986.510.1

Waiver

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El Paso Exploration Company
Company
Donald R. Reed 1-26-84
By Date

AM13



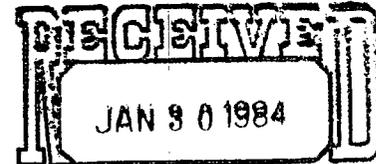
STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
 OIL CONSERVATION DIVISION
 AZTEC DISTRICT OFFICE

1000 RIO BRAZOS ROAD
 AZTEC, NEW MEXICO 87410
 (505) 334-6178

OIL CONSERVATION DIVISION
 BOX 2088
 SANTA FE, NEW MEXICO 87501

DATE 1-26-84

RE: Proposed MC _____
 Proposed DHC _____
 Proposed NSL _____
 Proposed SWD _____
 Proposed WFX _____
 Proposed PMX _____



OIL CONSERVATION DIVISION
 SANTA FE

Gentlemen:

I have examined the application dated Jan. 25, 1984
 for the Amoco Lease Cont 155 #22 I-31-26 N-SW
 Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approve

Yours truly,

Eric D. Day