

## DISTRICT I

P.O. Box 1980, Hobbs, NM 88241 1980

## DISTRICT II

811 South First St. Artesia NM 88210 2835

## DISTRICT III

1000 Rio Brazos Rd. Aztec, NM 87410 1693

State of New Mexico  
Energy, Minerals and Natural Resources Department

## OIL CONSERVATION DIVISION

2040 S. Pacheco  
Santa Fe, New Mexico 87505-6429Form C-107-A  
New 3-12-96

## APPLICATION FOR DOWNHOLE COMMINGLING

APPROVAL PROCESS:

☒ Administrative ☐ Hearing

EXISTING WELLBORE

☒ YES ☐ NO

Conoco Inc.

Operator

Jicarilla A

Lease

10 Desta Dr. Ste 100W, Midland, Tx. 79705-4500

Address

Well No

#8

Section 23, T-26-N, R-4-W, E

Rio Arriba

County

OGRID NO. 005073

Property Code

8018

API NO.

30-039-20029

Spacing Unit Lease Types (check 1 or more)

Federal ☒ State ☐ (and/or) Fee ☐

The following facts are submitted in support of downhole commingling:

	Upper Zone	Intermediate Zone	Lower Zone
1 Pool Name and Pool Code	Blanco Mesaverde 71599	Wildhorse Gallup 87360	Basin Dakota 71599
2 TOP and Bottom of Pay Section (Perforations)	5621-5807'	7214-7240'	7700-7872'
3 Type of production (Oil or Gas)	Gas	Gas	Gas
4 Method of Production (Flowing or Artificial Lift)	Flowing	Flowing	Flowing
5 Bottomhole Pressure	a (Current) 590 psia	a 324 psia	a 806 psia
Oil Zones - Artificial Lift Gas & Oil - Flowing: All Gas Zones: Estimated Current Measured Current Estimated Or Measured Original	b (Original) 1368	b 2135	b 2645
6 Oil Gravity (°API) or Gas BT Content	1306	1413	1267
7 Producing or Shut-In?	Producing	Producing	Producing
Production Marginal? (yes or no)	Yes	Yes	Yes
• 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, date and oil/gas/water rates of recent test (within 60 days)	Date Rates Est 2/98 67 MCFD, 0 BWPD, .2 BOPD	Date Rates Est 2/98 128 MCFD, .2 BWPD, 1 BOPD	Date Rates Est 2/98 63 MCFD, .25 BWPD, 1 BOPD
8 Fixed Percentage Allocation Formula - % of each zone	Oil 9 % Gas 26 %	Oil 46 % Gas 49 %	Oil 45 % Gas 25 %

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?X Yes ☐ No☒ Yes ☐ No

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

☒ Yes ☐ No11. Will cross-flow occur? ☒ Yes ☐ No If yes, are fluids compatible, will the formations not be damaged, will any cross-flowed production be recovered, and will the allocation formula be reliable. X Yes ☐ No (If No, attach explanation)12. Are all produced fluids from all commingled zones compatible with each others ☒ Yes ☐ No13. 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(D) Exceptions:

ORDER NO(S) DHC-1095, R-5857

## 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

TITLE

Regulatory Agent

DATE

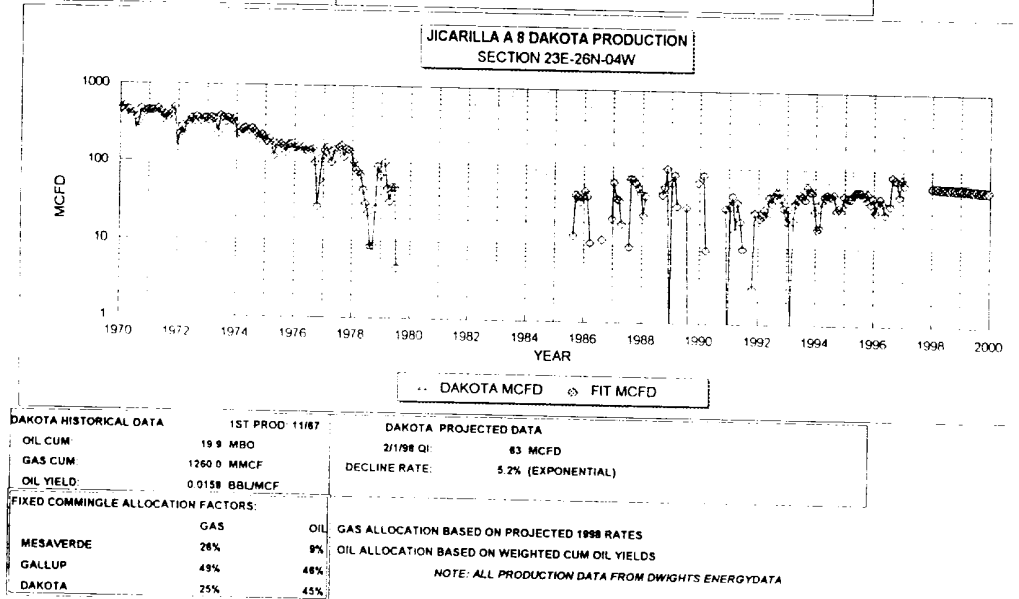
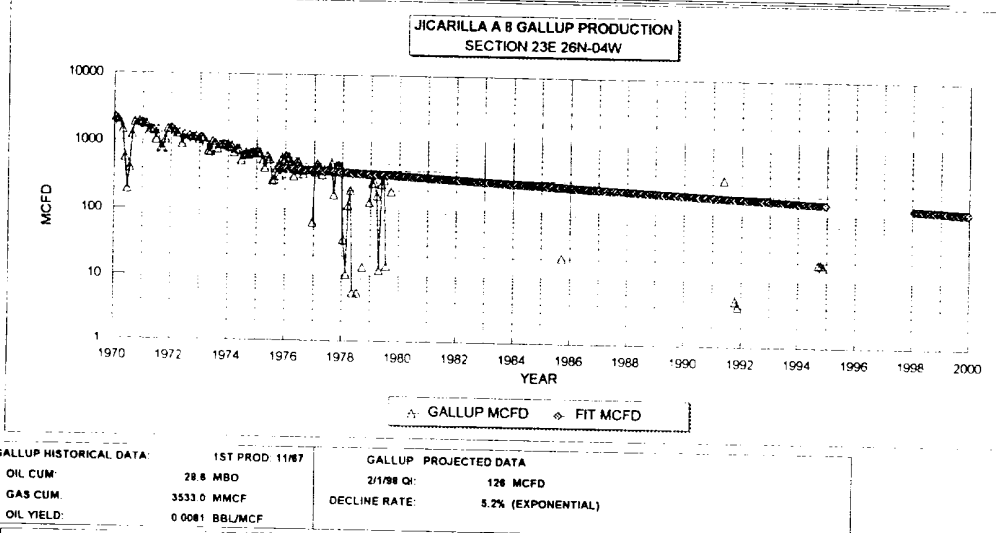
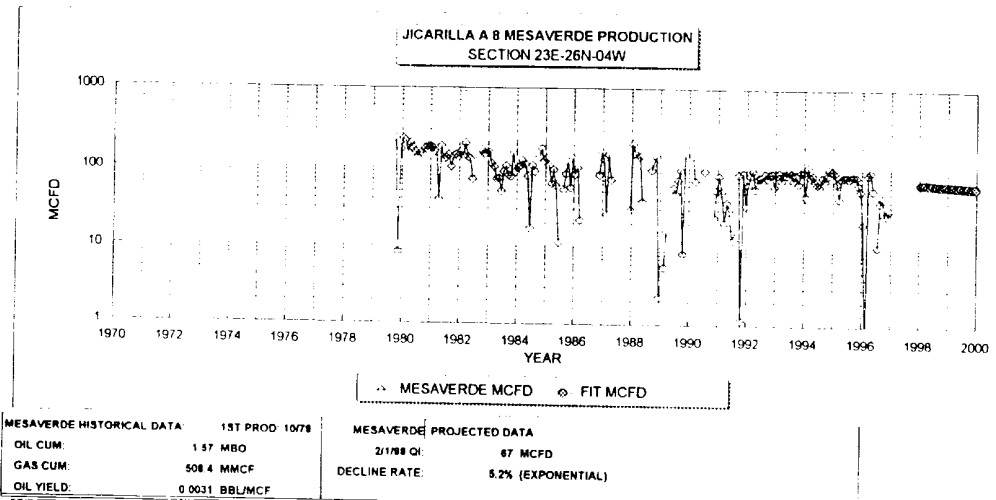
April 14, 1998

TYPE OR PRINT NAME Kay Maddox

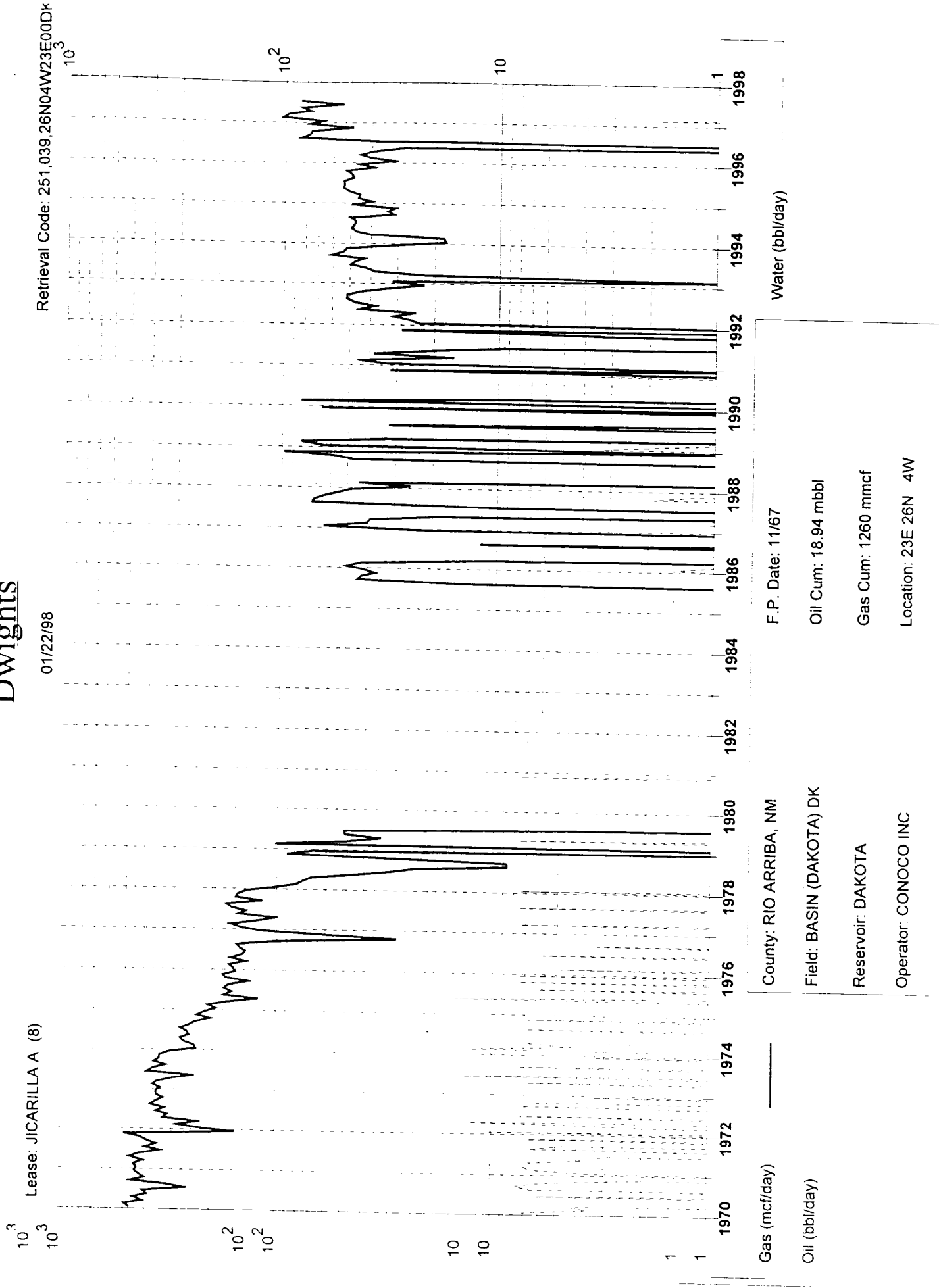
TELEPHONE NO.

(915)

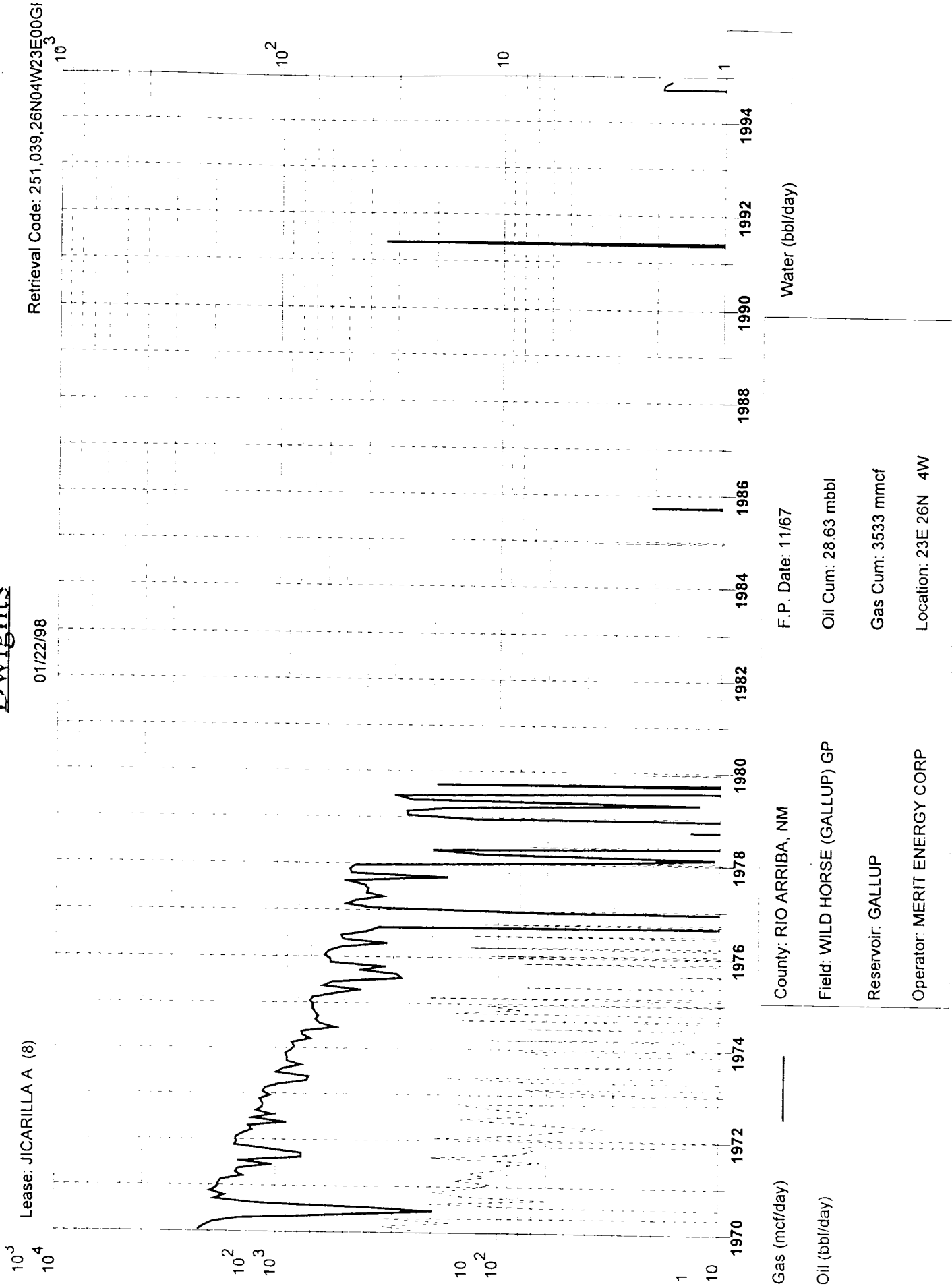
686-5798



# Dwights



# Dwights

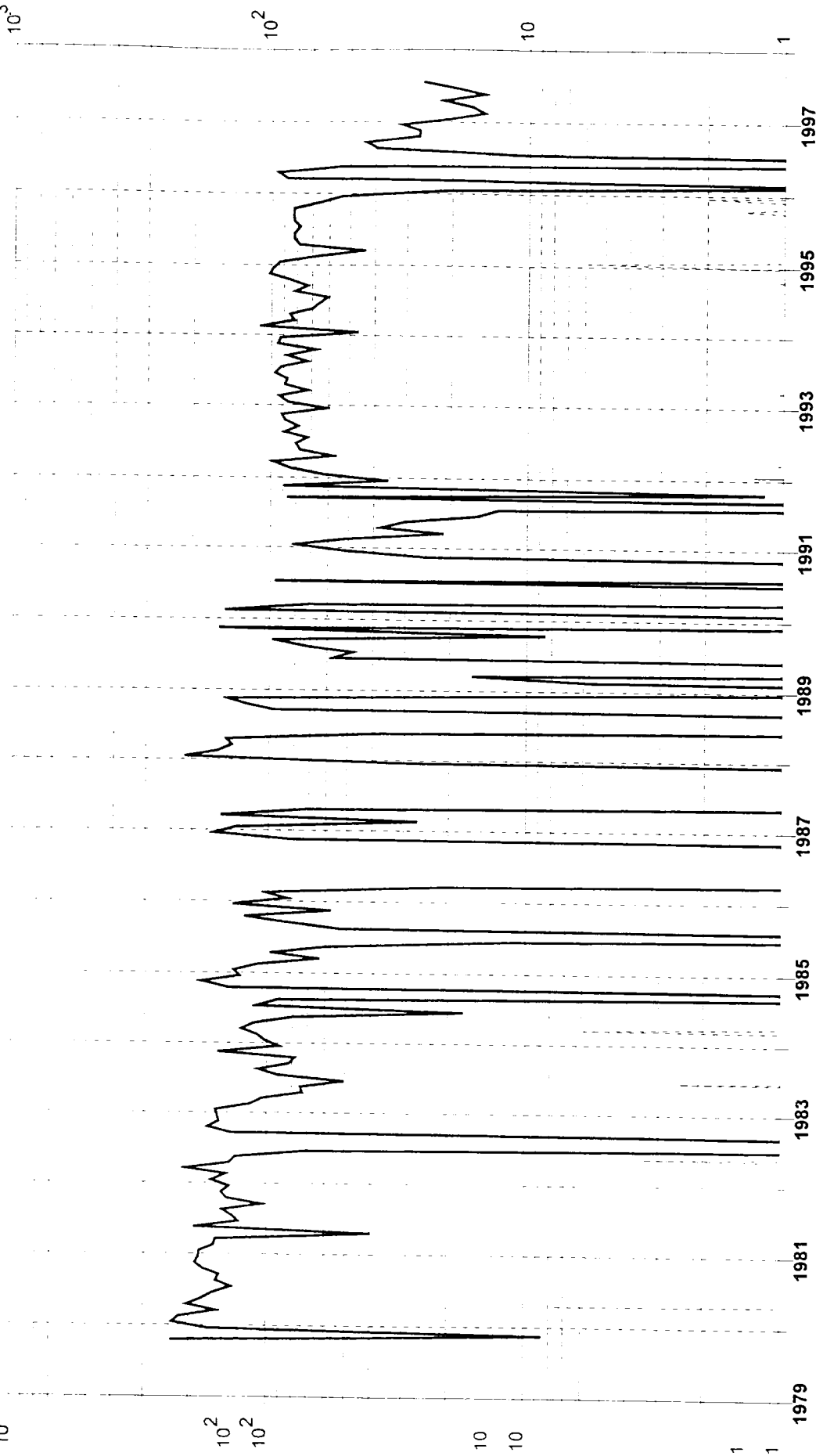


# Dwights

Lease: JICARILLA A (8)

01/22/98

Retrieval Code: 251,039,26N04W23E00MV



Gas (mcf/day)

Oil (bbl/day)

County: RIO ARRIBA, NM

Field: BLANCO (MESAVERDE) MV

Reservoir: MESAVERDE

Operator: CONOCO INC

F.P. Date: 10/79

Oil Cum: 1568 bbl

Gas Cum: 508.4 mmcf

Location: 23E 26N 4W

Water (bbl/day)

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

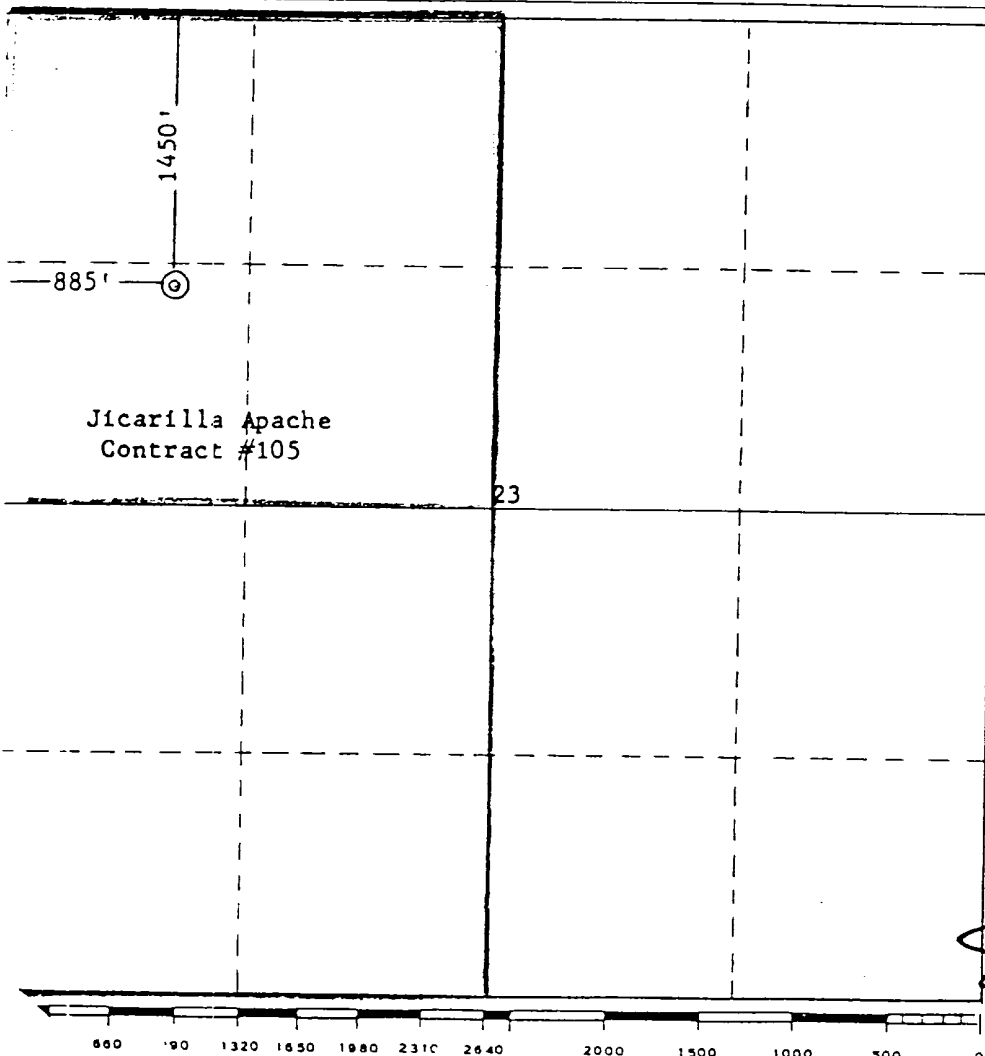
Operator <b>Supron Energy Corporation</b>			Lease <b>JICARILLA "A"</b>		Well No. <b>8</b>
Unit Letter <b>E</b>	Section <b>23</b>	Township <b>26 North</b>	Range <b>4 West</b>	County <b>Rio Arriba</b>	
Actual Footage Location of Well:					
<b>1450</b> feet from the <b>NORTH</b> line and		<b>885</b> feet from the <b>WEST</b> line			
Ground Level Elev. <b>6863.0</b>	Producing Formation <b>Dakota, Mesaverde &amp; Gallup</b>	Pool <b>Basin Dakota, Blanco Mv. &amp; Wild Horse Gallup</b>	Dedicated Acreage: <b>320 W/2 Dakota &amp; Mv. 160 NW/4 Gallup acres</b>		

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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 Communitization

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.	
<i>Rudy D. Motto</i>	
Name	<b>Rudy D. Motto</b>
Position	<b>Area Superintendent</b>
Company	<b>SUPRON ENERGY CORPORATION</b>
Date	<b>March 22, 1979</b>
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.	
Date Surveyed	<b>11 May 1967</b>
Registered Professional Engineer and/or Land Surveyor	<i>James P. Lease</i>
Certificate No.	

Conoco, Inc.  
10 Desta Dr STE 100W  
Midland, TX 79705

RE: Jicarilla A #8 Downhole Commingle Application C-107A  
Section 23, T-26-N, R-4-W, E

**Notification of Offset Operators:**

Chateau Oil & Gas  
2515 McKinney Ave STE 840  
Dallas, TX 75201

Burlington Resources  
PO Box 4289  
Farmington, NM 87499



State of New Mexico  
ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT  
Santa Fe, New Mexico 87505

OIL CONSERVATION DIVISION



ADMINISTRATIVE ORDER DHC-1095

Merit Energy Company  
12222 Merit Drive, Suite 1500  
Dallas, Texas 75251

Attention: Terry D. Gottberg

*Authorization to downhole commingle Basin Dakota Pool  
and Blanco Mesaverde Pool production.*

Dear Mr. Gottberg:

Reference is made to your recent application for an exception to Rule 303-A of the Division Rules and Regulations to permit downhole commingling in the wellbore, the production of the above mentioned pools in the following described wells:

Well Name	Number	Unit Letter	Section
Jicarilla "A"	8	E	23
Jicarilla "A"	9	C	14
Jicarilla "A"	10E	G	23
Jicarilla "A"	13E	N	13
Jicarilla "A"	22Y	K	24
Jicarilla "B"	8A	D	25

All wells located in Township 26 North, Range 4 West, Rio Arriba County, New Mexico.

It appearing that the subject wells qualify for approval for such exception pursuant to the provisions of Rule 303-C, and that reservoir damage or waste will not result from such downhole commingling, and correlative rights will not be violated thereby, you are hereby authorized to commingle the production as described above and any Division Order which authorized the dual completion and required separation of the two zones is hereby placed in abeyance.

In accordance with the provisions of Rule 303-C-4., total commingled oil production from the subject wells shall not exceed 30 barrels per day, and total water production shall not exceed 60 barrels per day.

VILLAGRA BUILDING - 4000 Galisteo  
Forestry and Resources Conservation Division  
P.O. Box 1948 87504-1948  
827-5820

Park and Recreation Division  
P.O. Box 1147 87504-1147  
827-7486

2048 South Pacheco

Office of the Secretary  
827-5850

Administrative Services  
827-5825

Energy Conservation & Management  
827-5800

Mining and Minerals  
827-5870

Oil Conservation  
827-7121

FEB 7 '96 8:54

214 960 1252 PAGE.002



Administrative Order DHC-1095  
Merit Energy Company  
February 21, 1995  
Page 2

---

The maximum amount of gas which may be produced daily from the wells shall be determined by Division Rules and Regulations or by the gas allowable for each respective prorated pool as printed in the Division's San Juan Basin Gas Proration Schedule.

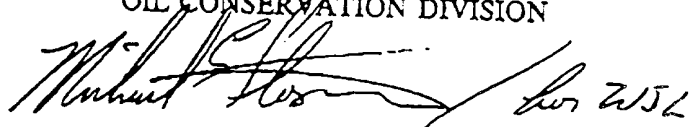
In accordance with the provisions of Rule 303-C, the supervisor of the Aztec District Office of the Oil Conservation Division shall determine the proper allocation of production from the subject wells following their completion.

FURTHER: The operator shall notify the Aztec District Office of the Division upon implementation of the commingling process.

Pursuant to Rule 303-C-5, the commingling authority granted by the order may be rescinded by the Division Director if, in his opinion, conservation is not being best served by such commingling.

Approved at Santa Fe, New Mexico on this 21st day of February, 1995.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION



WILLIAM J. LEMAY  
Director

S E A L

WJL/BES

cc: Oil Conservation Division - Aztec

ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
DIVISION FOR THE PURPOSE OF  
CONSIDERING:

CASE NO. 6341  
Order No. R-5857

APPLICATION OF SUPRON ENERGY  
CORPORATION FOR DUAL COMPLETIONS  
AND DOWNHOLE COMMINGLING, RIO ARRIBA  
COUNTY, NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 9 a.m. on November 8, 1978, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 29th day of November, 1978, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

- (1) That due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.
- (2) That the applicant, Supron Energy Corporation, seeks the dual completion of its Jicarilla "A" Well No. 8 located in Unit E of Section 23; its Jicarilla "E" Well No. 7 located in Unit P of Section 15; and its Jicarilla "E" Well No. 8 located in Unit C of Section 15, all in Township 26 North, Range 4 West, Rio Arriba County, New Mexico, to produce gas from the Mesaverde formation through tubing and to produce commingled Gallup and Dakota production through a separate string of tubing with separation of the Mesaverde zone from the commingled zones by means of a packer.
- (3) That the mechanics of the proposed dual completions are feasible and in accord with good conservation practices.



(4) That the proposed commingling may result in the recovery of additional hydrocarbons from each of the subject pools, thereby preventing waste, and will not violate correlative rights.

(5) That the reservoir characteristics of the Gallup and Dakota formations in each of the subject wells are such that underground waste would not be caused by the proposed commingling provided that the wells are not shut in for an extended period.

(6) That to afford the Division the opportunity to assess the potential for waste and to expeditiously order appropriate remedial action, the operator should notify the Aztec district office of the Division any time any of the subject wells is shut in for 7 consecutive days.

(7) That in order to allocate the commingled production to each of the commingled zones in the subject wells, applicant should conduct tests during completion operations, and should consult with the supervisor of the Division's Aztec office to arrive at an allocation formula.

(8) That approval of the subject application will prevent waste and protect correlative rights.

(9) That Division Orders Nos. MC-1777, MC-1803, and MC-1802, which authorized the dual completion of the subject wells, should be superseded.

IT IS THEREFORE ORDERED:

(1) That the applicant, Supron Energy Corporation, is hereby authorized to dually complete its Jicarilla "A" Well No. 8 located in Unit E of Section 23; its Jicarilla "E" Well No. 7 located in Unit P of Section 15; and its Jicarilla "E" Well No. 8 located in Unit C of Section 15, all in Township 26 North, Range 4 West, Rio Arriba County, New Mexico, to each produce gas from the Mesaverde formation through tubing and to produce commingled Gallup and Dakota production through a separate string of tubing with separation of the Mesaverde zone from the commingled zones to be achieved by means of a packer..

PROVIDED HOWEVER, that the applicant shall complete, operate, and produce said wells in accordance with the provisions of Rule 112-A of the Division Rules and Regulations insofar as said rule is not inconsistent with this order;

PROVIDED FURTHER, that the applicant shall take packer leakage tests upon completion and annually thereafter during the Annual Deliverability Test Period for the prorated gas wells in Northwest New Mexico.

(2) That the applicant, during completion operations on the subject wells, shall conduct tests, and shall consult with the supervisor of the Division's Aztec office to determine a formula for allocation of production to each zone in each well.

(3) That the operator of the subject wells shall immediately notify the Division's Aztec district office any time any such well has been shut-in for 7 consecutive days and shall concurrently present, to the Division, a plan for remedial action.

(4) That Division Orders Nos. MC-1777, MC-1803, and MC-1802 are hereby superseded.

(5) That jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

  
JOE D. RAMEY,  
Director

S E A L

dr/



Midland Division  
Exploration Production

Conoco Inc.  
10 Desta Drive, Suite 100W  
Midland, TX 79705-4500  
(915) 686-5400

February 20, 1996

Mr. Ernie Busch  
Aztec District Office  
1000 Rio Brazos Rd.  
Aztec, New Mexico 87410

**Re: Jicarilla "A" No. 8 Downhole Commingling Allocation Formula Approval  
Unit E, Section 23, Township 26 North, Range 4 West, Rio Arriba County  
Downhole Commingling Authorized by Administrative Order DHC-1095**

Dear Mr. Busch:

Conoco recently purchased the subject well from Merit Energy Company. Downhole commingling approval had already been secured by Merit through Order DHC-1095, but apparently Merit had not yet contacted your office to secure approval of an allocation formula for the commingled well. Therefore, Conoco as the current operator is submitting the following production history and proposed fixed allocation formula for your approval.

EXHIBIT A: Blanco Mesaverde production history plot

EXHIBIT B: Basin Dakota production history plot

EXHIBIT C: -- Production plots with projected exponential decline fit of data  
-- Historical data for both zones (cums, current rates, decline rates)  
-- 1/1/96 producing rates  
-- Proposed fixed allocation factors based on 1/1/96 rates

Since decline analysis of both producing zones indicates that both are producing at a stabilized 4.5% exponential decline, it is proposed that the following fixed percentage formula be established for proper allocation of production from this commingled well:

	<u>GAS</u>	<u>OIL</u>
Blanco Mesaverde	65 %	26 %
Basin Dakota	35 %	74 %

If you have any further questions or requirements for your consideration of this proposal, please contact me at (915) 686-6548.

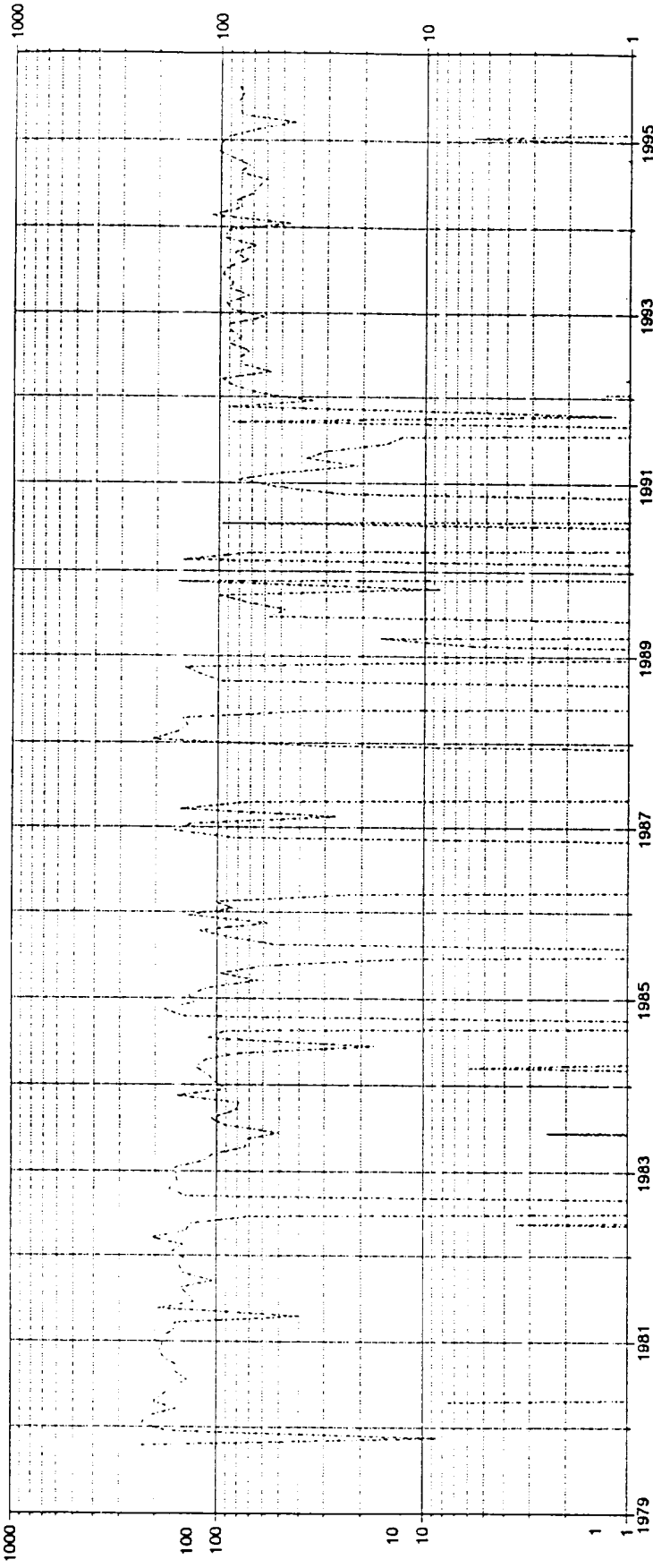
Very truly yours,

Jerry W. Hoover  
Sr. Conservation Coordinator

# Dwights

Retrieval Code: 2b1,039,26N04W23E00M

Lead: JICARILLA A 000008



County: RIO ARriba

Field: BLANCO (MESAVERDE) MV

Reservoir: MESAVERDE

Operator: CONOCO INC

State: NM

Oil Cum: 1409 bbl

Gas Cum: 482369 mcf

Location: 23E 26N 4W

F.P. Date: 10/79

Water (bbl/day)

Gas (mcf/day)

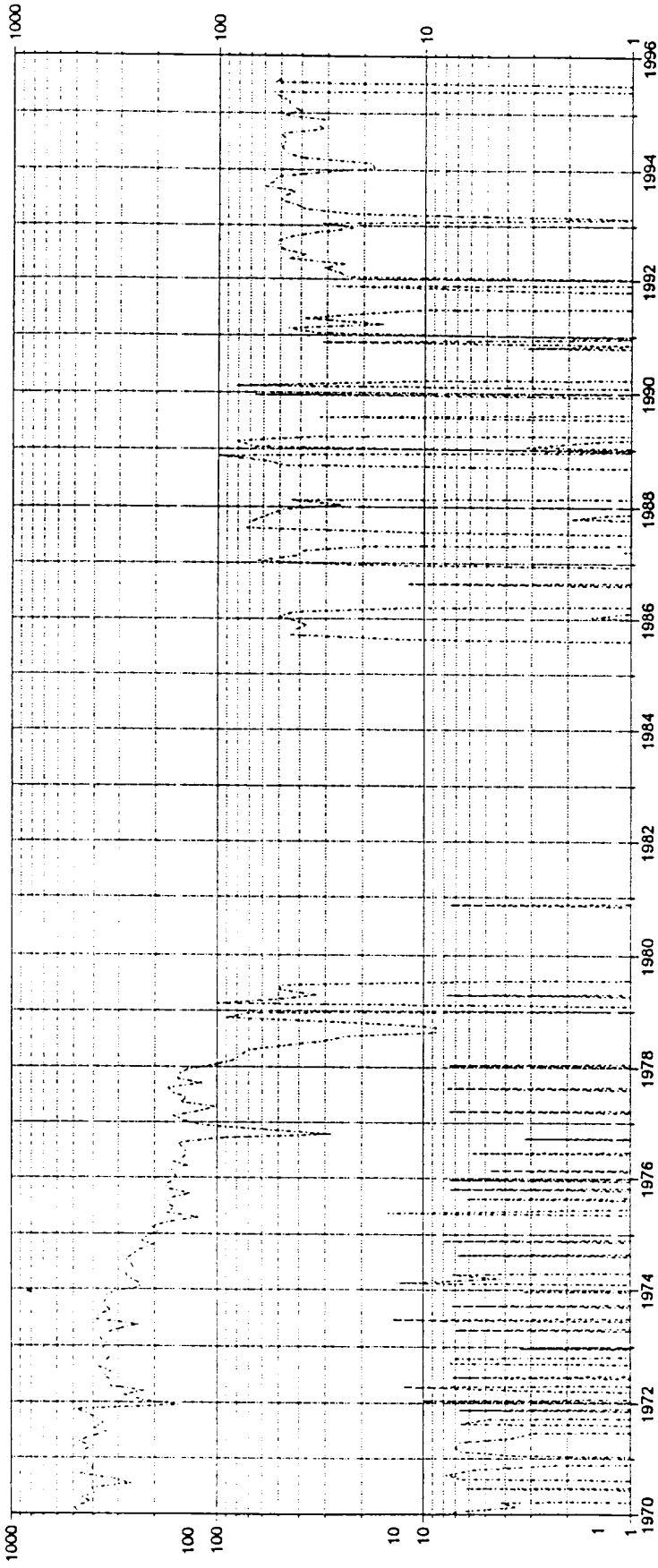
Date: 02/07/96

Oil (bbl/day)

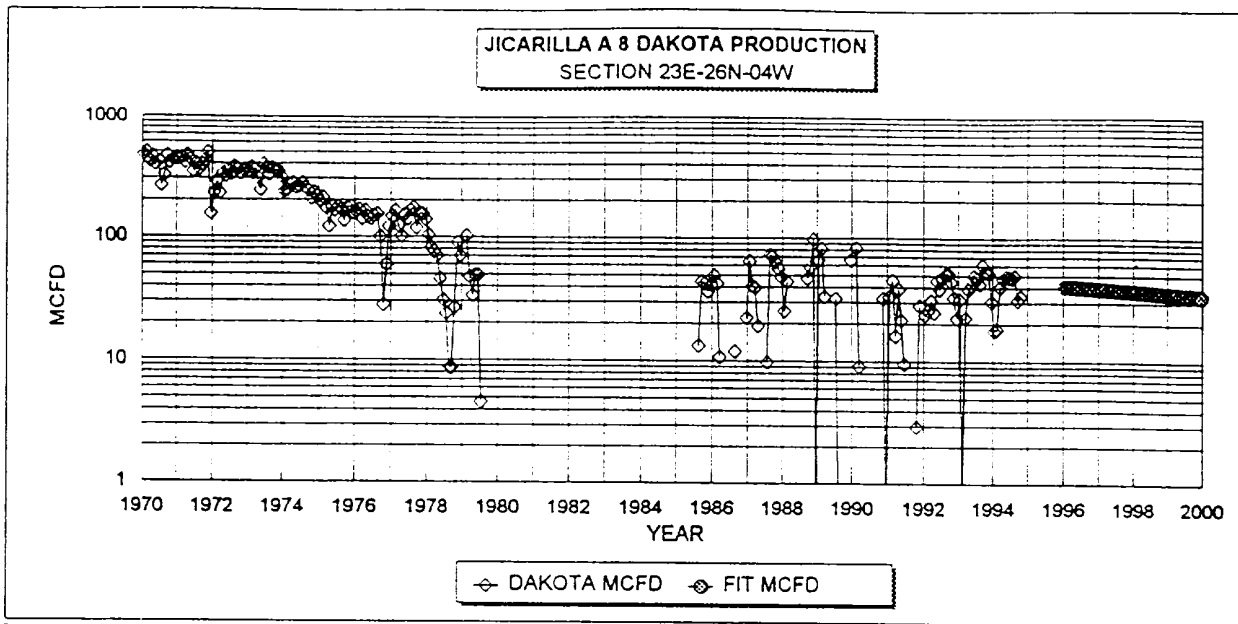
# Dwights

Lease: JICARILLA A 000008

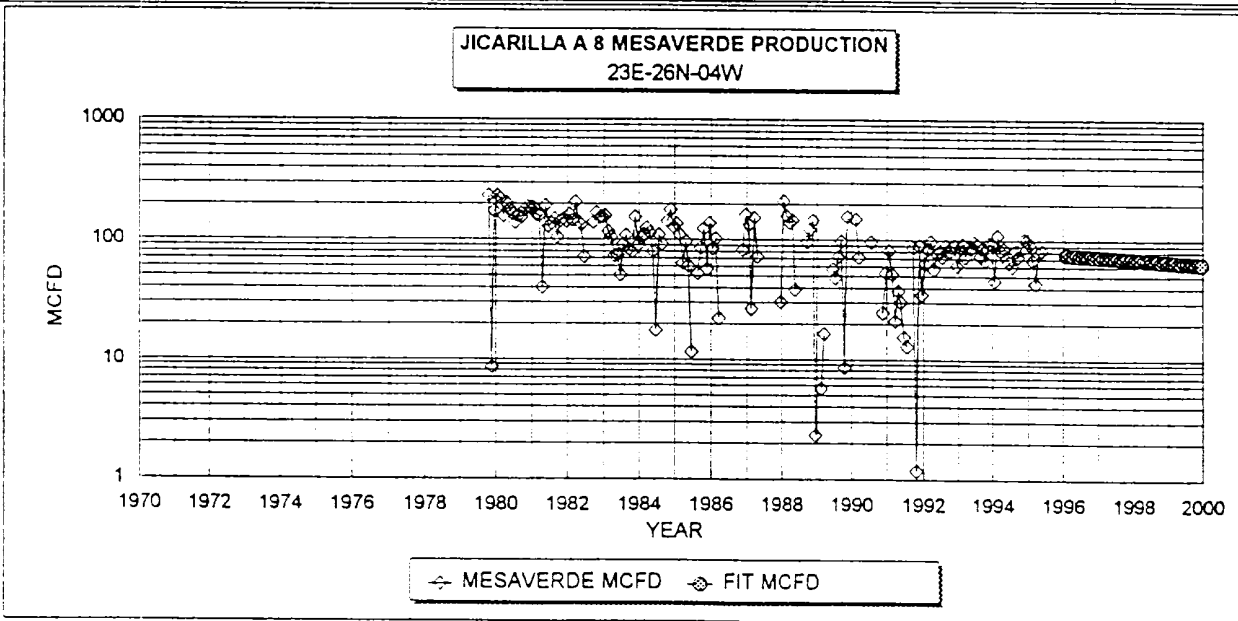
Retrieval Code: 261.039 26N04W23E00D



County: RIO ARriba	State: NM	F.P. Date: 11/67	Date: 02/07/96
Field: BASIN (DAKOTA) DK	Oil Cum: 18857 bbl	Water (bbl/day)	
Reservoir: DAKOTA	Gas Cum: 1217 mmcf	Gas (mcf/day)	
Operator: CONOCO INC	Location: 23E 26N 4W	Oil (bbl/day)	



<b>DAKOTA HISTORICAL DATA:</b>	<b>1ST PROD: 11/6</b>	<b>DAKOTA PROJECTED DATA</b>
OIL CUM:	18.86 MBO	1/1/96 Q1: 41 MCFD
GAS CUM:	1217.00 MMCF	DECLINE RATE: 4.5% (EXPONENTIAL)
OIL YIELD:	0.0155 BBL/MCF	



<b>MESAVERDE HISTORICAL DATA</b>	<b>1ST PROD: 10/7</b>	<b>MESAVERDE PROJECTED DATA</b>
OIL CUM:	1.41 MBO	1/1/96 Q1: 76 MCFD
GAS CUM:	482.37 MMCF	DECLINE RATE: 4.5% (EXPONENTIAL)
OIL YIELD:	0.0029 BBL/MCF	

<b>FIXED COMMINGLE ALLOCATION FACTORS:</b>		
	<b>GAS</b>	<b>OIL</b>
<b>MESAVERDE:</b>	65%	26%
<b>DAKOTA:</b>	35%	74%

<b>GAS ALLOCATION BASED ON PROJECTED 1996 RATES</b>	
<b>OIL ALLOCATION BASED ON WEIGHTED CUM OIL YIELDS</b>	

*NOTE: ALL PRODUCTION DATA FROM DWIGHTS ENERGY DATA*



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other in-  
structions on  
reverse side)Form approved.  
Budget Bureau No. 42-R355.5.

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____		5. LEASE DESIGNATION AND SERIAL NO. <b>Contract #105</b>		
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>Jicarilla Apache</b>		
2. NAME OF OPERATOR <b>Southern Union Production Company</b>		7. UNIT AGREEMENT NAME		
3. ADDRESS OF OPERATOR <b>P. O. Box 808, Farmington, New Mexico 87401</b>		8. FARM OR LEASE NAME <b>Jicarilla "A"</b>		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements): At surface <b>1450 ft. from the North line &amp; 885 ft. from the West line</b> At top prod. interval reported below <b>Same as above</b> At total depth <b>Same as above</b>		9. WELL NO. <b>8</b>		
14. PERMIT NO.		DATE ISSUED		
10. FIELD AND LOCALITY OF WILDCAT <b>Basin Dakota Undesignated Gallup</b>		11. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA <b>Sec. 23, T-26N, R-4W N.M.P.M.</b>		
12. COUNTY OR PARISH <b>Rio Arriba</b>		13. STATE <b>New Mexico</b>		
15. DATE SPUNDED <b>5/19/67</b>	16. DATE T.D. REACHED <b>6/7/67</b>	17. DATE COMPL. (Ready to prod.) <b>6/22/67</b>	18. ELEVATIONS (OF R&B, RT, GR, ETC.) <b>6873 ft. R.K.B.</b>	19. ELEV. CASINGHEAD <b>6863 ft.</b>
20. TOTAL DEPTH, MD & TVD <b>7965 MD &amp; TVD</b>	21. PLUG BACK T.D., MD & TVD <b>7928 MD &amp; TVD</b>	22. IF MULTIPLE COMPL. HOW MANY? <b>2</b>	23. INTERVALS DRILLED BY <b>0-7965</b>	24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* <b>7214-7240 ft. MD &amp; TVD</b> <b>7700-7872 ft. MD &amp; TVD</b>
25. TYPE ELECTRIC AND OTHER LOGS RUN <b>Induction-Electrical, Density, Gamma Ray Correlation, Cement Bond</b>				26. WAS DIRECTIONAL SURVEY MADE <b>NO</b>
27. TYPE ELECTRIC AND OTHER LOGS RUN <b>Induction-Electrical, Density, Gamma Ray Correlation, Cement Bond</b>				28. WAS WELL CORED. <b>NO</b>
29. CASING RECORD (Report all strings set in well)				
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD
10-3/4"	32.75	302 ft.	15"	275 sacks
7-5/8"	26.40	3750 ft.	9-7/8"	350 cu. ft.
5-1/2"	15.50 & 17.0#	7965 ft.	6-3/4"	750 cu. ft.
30. TUBING RECORD				
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
1-1/2"				
1-7/8"				
31. PERFORATION RECORD (Interval, size and number)				
Undesignated Gallup: 2/ft. 7214-7240				
Dakota: 2/ft. 7700-7724, 7816-7825, 7828-7832, 7854-7872				
Hole Size 0.48"				
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.				
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED		
7214-7240		Acidized w/500 gal. 7% Mud Acid		
7700-7872		Acidized w/2500 gal. 15% Acid.		
		Sand Frac. w/80,000# sand, 125,160 gal. 0.8% KCL water & 2000# glass beads.		
33. PRODUCTION				
DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)			WELL STATUS (Producing or shut-in)
				Shut-in
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.
8/23/67	3	3/4"		348
8/31/67	3	3/4"		131
224	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF
160	Packer			2783
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)		TEST WITNESSED BY		
Vented		Kenneth E. Roddy		
35. LIST OF ATTACHMENTS				
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records				
Original signed by				
SIGNED		TITLE		DATE
Gilbert D. Noland, Jr.		Drilling Superintendent		Sept. 25, 1967

\*(See Instructions and Spaces for Additional Data on Reverse Side)

CONDITIONS OF APPROVAL FOR DOWNHOLE COMMINGLING

Operator Conoco Inc. Well Name Jicarilla A #8

1. The individual production zones will be tested every three years, or more often if production rates indicate a change to allocation factors, to verify that the allocation factors and methods remain proper.
2. Production from downhole commingled wells are to be reported with an alpha character, "C" (ie C1, C2, etc).
3. The following modifications to your downhole commingling program are to be made :

A copy of the well bore diagram will be submitted to BLM.