



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

TONY ANAYA
GOVERNOR

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-5800

November 16, 1984

Administrative Order No. DHC-533

Consolidated Oil & Gas Inc.
P.O. Box 2038
Farmington, NM 87499

Attention: Mr. Dale Richardson

Re: Northwest No. 3
Unit C, Sec. 6, T-26N,
R-4 West, Basin Dakota
and BS Mesa Gallup Pools,
Rio Arriba County, NM

Gentlemen:

Reference is made to your recent application for an exception to Rule 303-A of the Division Rules and Regulations for the subject dually completed well to permit the removal of the down-hole separation equipment and to commingle the production from both pools in the wellbore.

It appearing that the subject well qualifies 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.

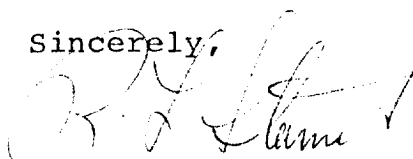
In accordance with the provisions of Rule 303.C.4., total commingled oil production from the subject well shall not exceed 60 barrels per day, and total water production from the well shall not exceed 120 barrels per day. The maximum amount of gas which may be produced daily from the well shall be determined by Division Rules and Regulations or by the gas allocation for each respective prorated gas pool as printed in the Oil Conservation Division's San Juan Basin Gas Proration Schedule.

Assignment of allowable to the well and allocation of production from the well shall be on the following basis:

BS Mesa Gallup Pool: Condensate 0 %, Gas 24 %
Basin Dakota Pool: Condensate 100 %, Gas 76 %

Pursuant to Rule 303-C 5, the commingled authority granted by this order may be rescinded by the Division Director if, in his opinion, conservation is not being best served by such commingling.

Sincerely,



R. L. STAMETS,
Division Director



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 10/22/84

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

Gentlemen:

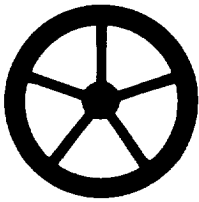
I have examined the application dated October 19, 1984
for the Consolidated Oil & Gas Inc. Northwest #3 C-6-26N-4W
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approved

Yours truly,

Frank J. Chung



Consolidated Oil & Gas, Inc.

P. O. BOX 2038
FARMINGTON, NEW MEXICO 87499
(505) 632-8056

October 16, 1984

RECEIVED
OCT 19 1984
OIL CON. DIV.
DIST. ?

Mr. Frank Chavez
New Mexico Oil Conservation Division
1000 Rio Brazos Rd.
Aztec, New Mexico 87410

Re: Northwest 3
895' FNL & 1850' FWL
Sec 6C, T26N, R4W
Rio Arriba Co., New Mexico

Dear Mr. Chavez;

Consolidated Oil & Gas, Inc. hereby requests authorization to down-hole commingle the Basin Dakota and B S Mesa Gallup formations within the above referenced well.

This well failed the 1984 New Mexico Packer Leakage Test from an apparent hole in the 1 1/2" Dakota production tubing. The Dakota averaged 189 MCFD and 2.3 BOPD from 1964 to present. The Gallup averaged 60 MCFD and 0.5 BOPD during the same period.

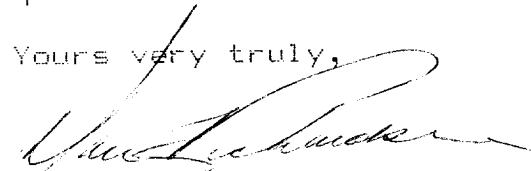
The ownership, working interest, royalty and overriding royalty is common for both zones.

Due to the economics involved in working over an old well, we would like to commingle the Dakota and Gallup by producing both zones through one string of 1 1/2" production tubing already set at the Dakota perforations.

Consolidated would like to allocate 76% gas and 100% oil to the Dakota and 24% gas and 0% oil to the Gallup formations, based on G O R tests and the well's production history.

Enclosed please find requested information.

Yours very truly,


Dale Richardson

Production & Drilling Superintendent

DER:WLC:wc
Enclosures

cc: N. M. Oil Conservation Division, Santa Fe

1984 PACKER LEAKAGE TEST

CONSOLIDATED OIL & GAS, INC.		WELL NAME AND NUMBER NORTHWEST 3		UNIT LETTER C	SEC.-TWP.-RGE. 6-26-4	COUNTY RA
UPPER COMPLETION GALLUP		PRODUCING THRU	LOWER COMPLETION DAKOTA			PRODUCING THRU
DATE	UPPER ZONE SHUT-IN—5 DAYS			LOWER ZONE SHUT-IN—3 DAYS		
9-10 24	SHUT BOTH ZONES IN			SHUT BOTH ZONES IN		
	CSG	TBG			TBG	
9-11 25	688	149			688	
9-12	692	149			692	
9-13	696	149			696	
TURN ON LOWER ZONE AFTER CARD SIGNED				LOWER ZONE FLOW		
28	UPPER ZONE REMAINS SHUT-IN		<i>Failed</i>	DIFFERENTIAL 5.0		FLOWING PRESSURE
9-14	CSG 338	TBG 212		STATIC 5.4		
29	UPPER ZONE REMAINS SHUT-IN			DIFFERENTIAL 2.7		FLOWING PRESSURE
9-15	291	221		STATIC 5.5		
TEST COMPLETED WHEN INITIALED →			<i>52</i>	PLATE SIZE 1.000	STATIC SPRING STATIC 1.000	
REMARKS <i>well shut down before test</i>						AVERAGE RATE

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.

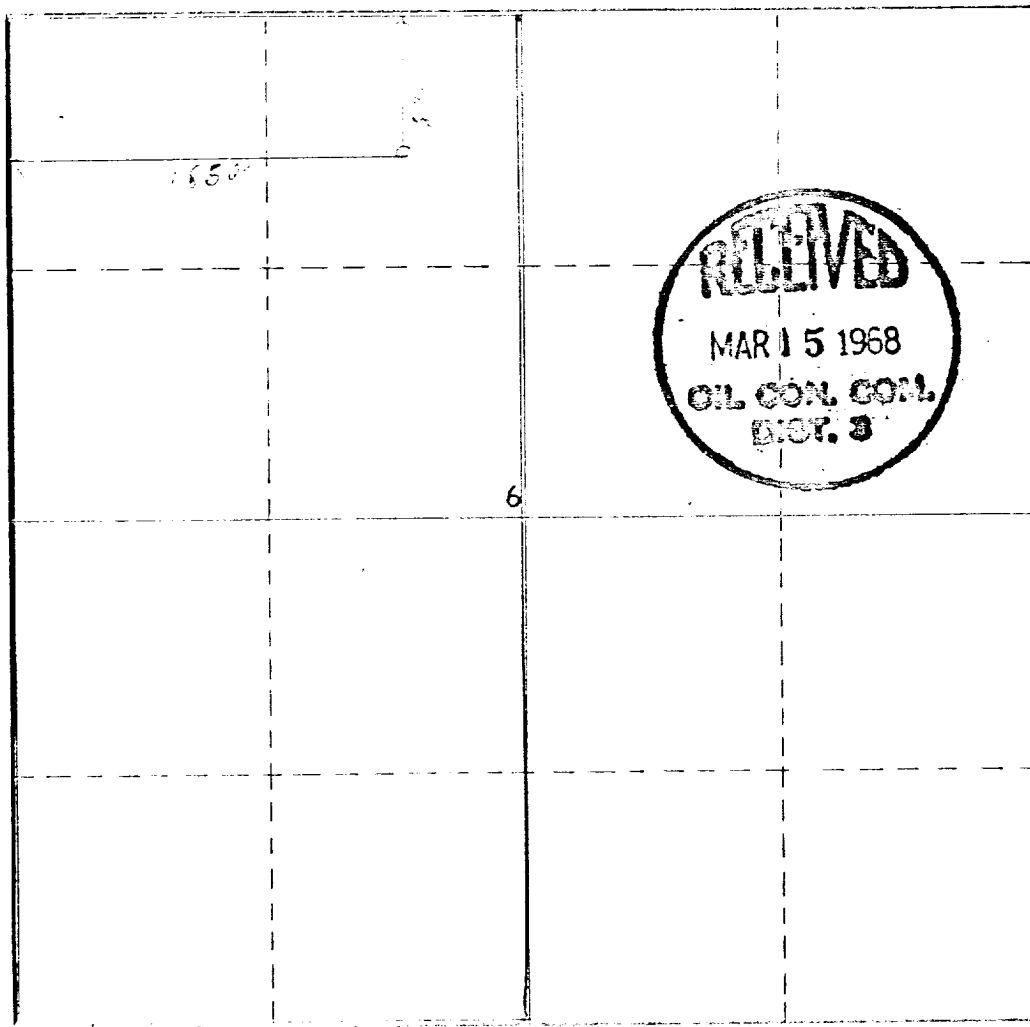
Operator Consolidated Oil & Gas, Inc.			Lease Northwest		Well No. 3
Unit Letter C	Section 6	Township 26 North	Range 4 West	County Rio Arriba	
Actual Footage Location of Well:					
1850	feet from the West	line and	875	feet from the North	line
Ground Level Elev: 7192	Producing Formation Dakota		Pool Basin-Dakota		Dedicated Acreage: 329.52 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. **1.03**
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.

Wayne Rogers
Name

E. Wayne Rogers

Position

Production Manager

Company

Consolidated Oil & Gas, Inc.

Date

March 13, 1968

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.

0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 6500 7000 7500 8000 8500 9000 9500 10000

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-126
Effective 1-1-65

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

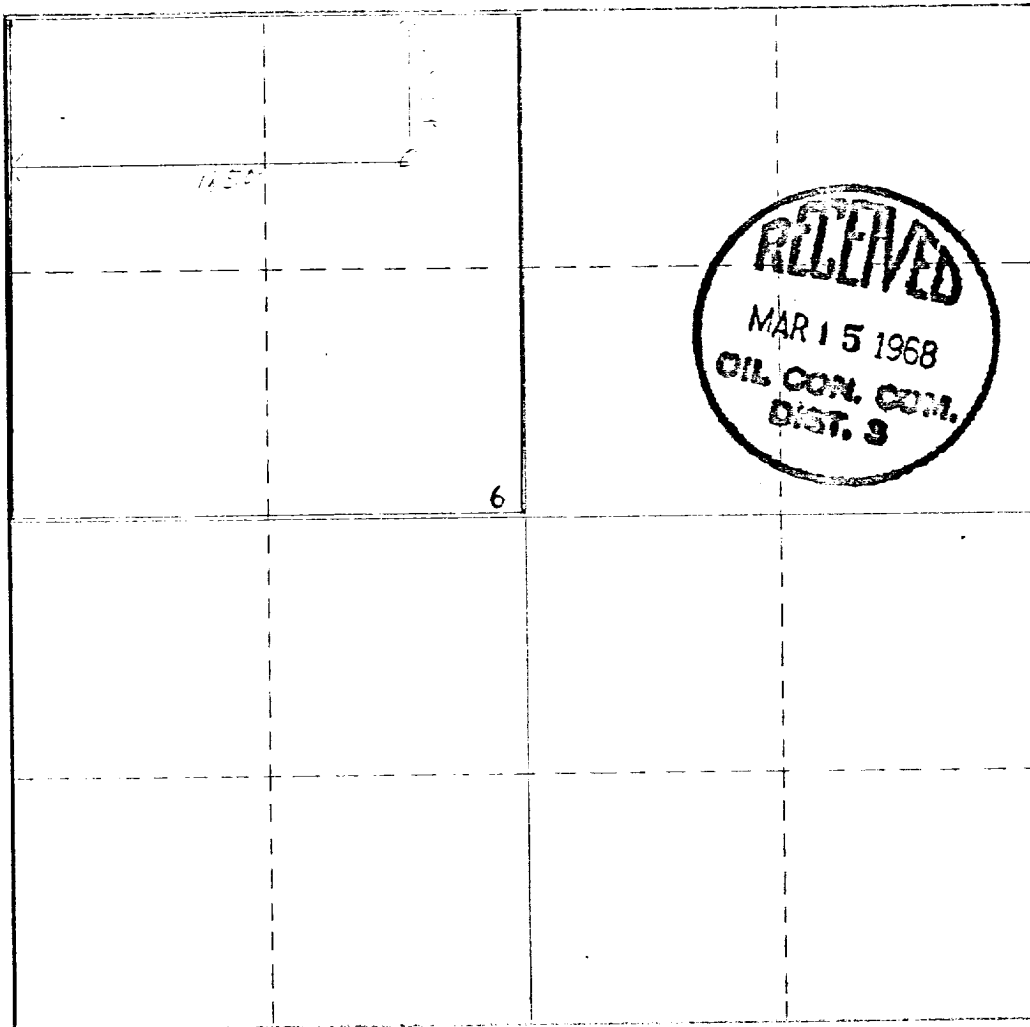
Operator Consolidated Oil & Gas, Inc.			Lease Northwest		Well No. 3
Unit Letter C	Section 6	Township 26 North	Range 4 West	County Rio Arriba	
Actual Footage Location of Well:					
1850		feet from the West	line and	895	feet from the North line
Ground Level Elev. 7192	Producing Formation Gallup		Pool Undesignated		Dedicated Acreage: 165 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below. *1.03*
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.

E. Wayne Rogers
Name

E. Wayne Rogers

Position
Production Manager

Company
Consolidated Oil & Gas, Inc.

Date
March 13, 1968

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.

0 350 600 900 1200 1500 1800 2100 2400 2700 3000 3300 3600

NORTHWEST 3
Sec 60, T26N, R4W

RE: Rule 303C, Para. 2, Requirement (d)

We would like to request an exception to rule 303C, Para. 2, Requirement (d). A current (within 30 days) 24 hour productivity test of the Dakota and Gallup zones would not reflect accurate production potential due to the leak in the Dakota tubing string. We are submitting representative G O R tests of each zone over a 24 hour period in 1982 and 1983 based on production. These production tests were recorded when the other zone was shut in for lack of demand.

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P.O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-116
Revised 10-1-78

GAS-OIL RATIO TESTS

Operator		Pool		County													
Consolidated Oil & Gas, Inc.		Basin Dakota		Rio Arriba													
Address PO Box 2038, Farmington, NM 87499				Type of Test - (X)													
				Scheduled ☐ Special ☒													
LEASE NAME		WELL NO.	LOCATION	DATE OF TEST	CHOKE SIZE	T.B.G. PRESS.	DAILY ALLOW-ABLE	LENGTH OF TEST HOURS	Completion ☐ Special ☒								
		U	S	T	R												
Northwest		3	C	6	26N	4W	9-4-83	F	None	320		24	0	63.5	1.46	210	143,835:1

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)

(Title)

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P.O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-116
Revised 10-1-78

GAS-OIL RATIO TESTS

Operator		Pool				County									
Consolidated Oil & Gas, Inc.		B S Mesa Gallup				Rio Arriba									
Address		PO Box 2038, Farmington, NM 87499				TYPE OF TEST - (X) ☐ Scheduled ☒ 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	R						WATER BBLs.	GRAV. OIL BBLs.	OIL BBLs.	GAS M.C.F.	
Northwest	3	C	6	26N	4W	10-12-82 F	None	300		24	0	-	0	75	-

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)

(Title)

NORTHWEST 3
Sec 60, T26N, R4W

RE: Rule 303C, Para. 2, Requirement (e)

We are submitting production decline curves for the Basin Dakota
and E S Mesa Gallup.

Consolidated Oil & Gas, Inc.
Dual Completion Schematic for
Commingling Application

Elevation: 7204'KB
7192'GL

NORTHWEST 3
Sec 6C, T26N, R4W
Rio Arriba Co., NM
October 16, 1984

12-3/4", 40# csg @ 196'
Cmt w/ 195 sx Regular w/
2% CaCl₂. Cmt top at
surface.

17-1/2" hole to 206'

7-5/8", 26.4# csg @ 4154'
Cmt w/ 75 sx Cl "C" w/
12% gel. Tail-in w/ 25 sx
w/ 2% CaCl₂. Cmt top calc
at 3650'.

5-1/2" liner top @
4092'

10-5/8" hole to 4205'

Frac Gallup w/ 39,984 gal
oil & 25,000 lbs sand

1-1/2" tbg @ 7631'

Gallup perf interval:
7676-7656'
(24 holes)

NOTE: Approval to surface
commingle oil production
from the Dakota & Gallup
was made on 12-7-84.
(Admin. Order # PC-248)

Baker Retrieval-a-D
pkr @ 8060'

1-1/2" tbg @ 8078'

Frac Dakota w/ 123,522 gal
water & 87,000 lbs sand in
two stages.

Dakota perf interval:
8321-8126' (272 holes)

PBTD @ 8351'
Clean out to 8351'

5-1/2", 15.5#, J-35 csg
@ 8390'. Cmt w/ 290 sx
Cl "C" 50/50 pozzolix w/
4% gel. Cmt top calc at 4092'.

6-3/4" hole to 8390'
Drillers TD - 8390'
Loggers TD - 8342'

[illegible]

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-122-A
Revised 10-1-78

WELL DELIVERABILITY TEST REPORT FOR 1981

POOL NAME	POOL SLOPE	FORMATION	COUNTY
Basin	n = .75	Dakota	Rio Arriba

75083

COMPANY			WELL NAME AND NUMBER		
Consolidated Oil and Gas, Inc.			Northwest #3 DK		
UNIT LETTER	SECTION	TOWNSHIP	RANGE	PURCHASING PIPELINE	
C	6	26	4	Northwest Pipeline Corporation	
CASING O.D. - INCHES	CASING I.D. - INCHES	SET AT DEPTH - FEET	TUBING O.D. - INCHES	TUBING I.D. - INCHES	TOP - TUBING PERF. - FEET
5.500	5.012	8390'	1.990	1.610	8078'
GAS PAY ZONE		WELL PRODUCING THRU		GAS GRAVITY	GRAVITY X LENGTH
FROM 8126'	TO 8321'	CASING	TUBING X	.708	5719'
DATE OF FLOW TEST			DATE SHUT-IN PRESSURE MEASURED		
FROM Oct. 19	TO Oct. 26		November 2, 1981		

PRESSURE DATA - ALL PRESSURES IN PSIA

(a) Flowing Casing Pressure (DWt)	(b) Flowing Tubing Pressure (DWt)	(c) Flowing Meter Pressure (DWt)	(d) Flow Chart Static Reading	(e) Meter Error (Item c - Item d)	(f) Friction Loss (a - c) or (b - c)	(g) Average Meter Pressure (Integr.)
	310	308	313	-5	2	310
(h) Corrected Meter Pressure (g + e)	(i) Avg. Wellhead Press. $P_i = (h + f)$	(j) Shut-in Casing Pressure (DWt)	(k) Shut-in Tubing Pressure (DWt)	(l) P_c = higher value of (j) or (k)	(m) Del. Pressure $P_d = \frac{50}{\%P_c}$	(n) Separator or Dehydrator Pr. (DWt) for critical flow only
305	307	-	750	750	375	

FLOW RATE CORRECTION (METER ERROR)

Integrated Volume - MCF/D	Quotient of $\frac{\text{Item c}}{\text{Item d}}$	$\sqrt{\frac{\text{Item c}}{\text{Item d}}}$	Corrected Volume
143	.9840	.9920	Q = 142 MCF/D

WORKING PRESSURE CALCULATION

$(1 - e^{-s})$	$(F_c Q_m)^2 (1000)$	$R^2 = (1 - e^{-s}) (F_c Q_m)^2 (1000)$	P_i^2	$P_w^2 = P_i^2 + R^2$	$P_w = \sqrt{P_w^2}$
.340	5464	1858	94249	96107	310

DELIVERABILITY CALCULATION

$D = Q \left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right]^n = 142$	$\left[\frac{421875}{456393} \right]^n = .9045$	$\left[\frac{421875}{456393} \right]^n = .9275$	$= 132$ MCF/D
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REMARKS:

SUMMARY

Item h	305	Psia
	750	Psia
P_c	142	MCF/D
Q	310	Psia
P_w	375	Psia
P_d	132	Psia
D		MCF/D

Company Consolidated Oil and Gas, Inc.

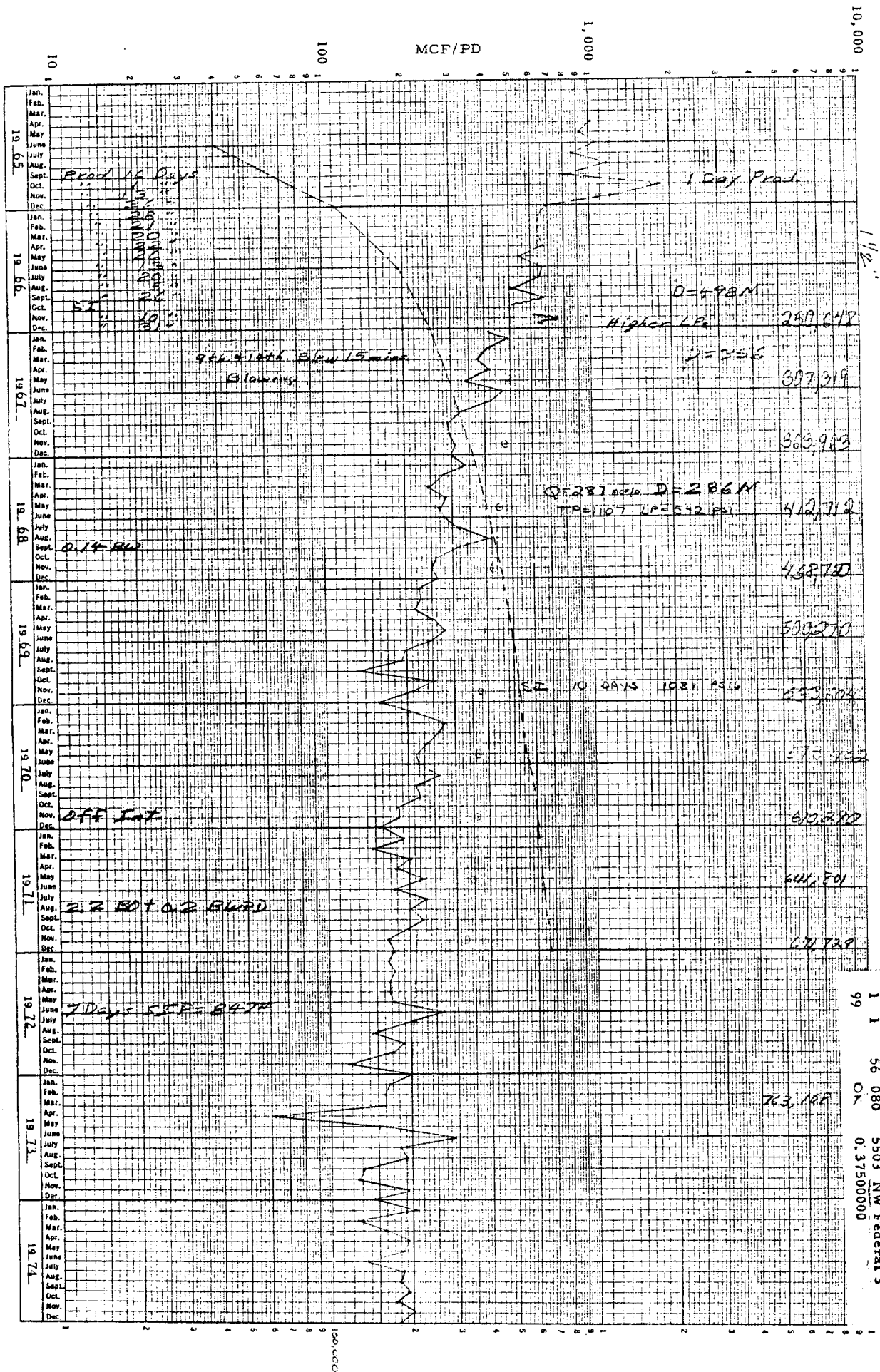
By

Title

Witnessed By

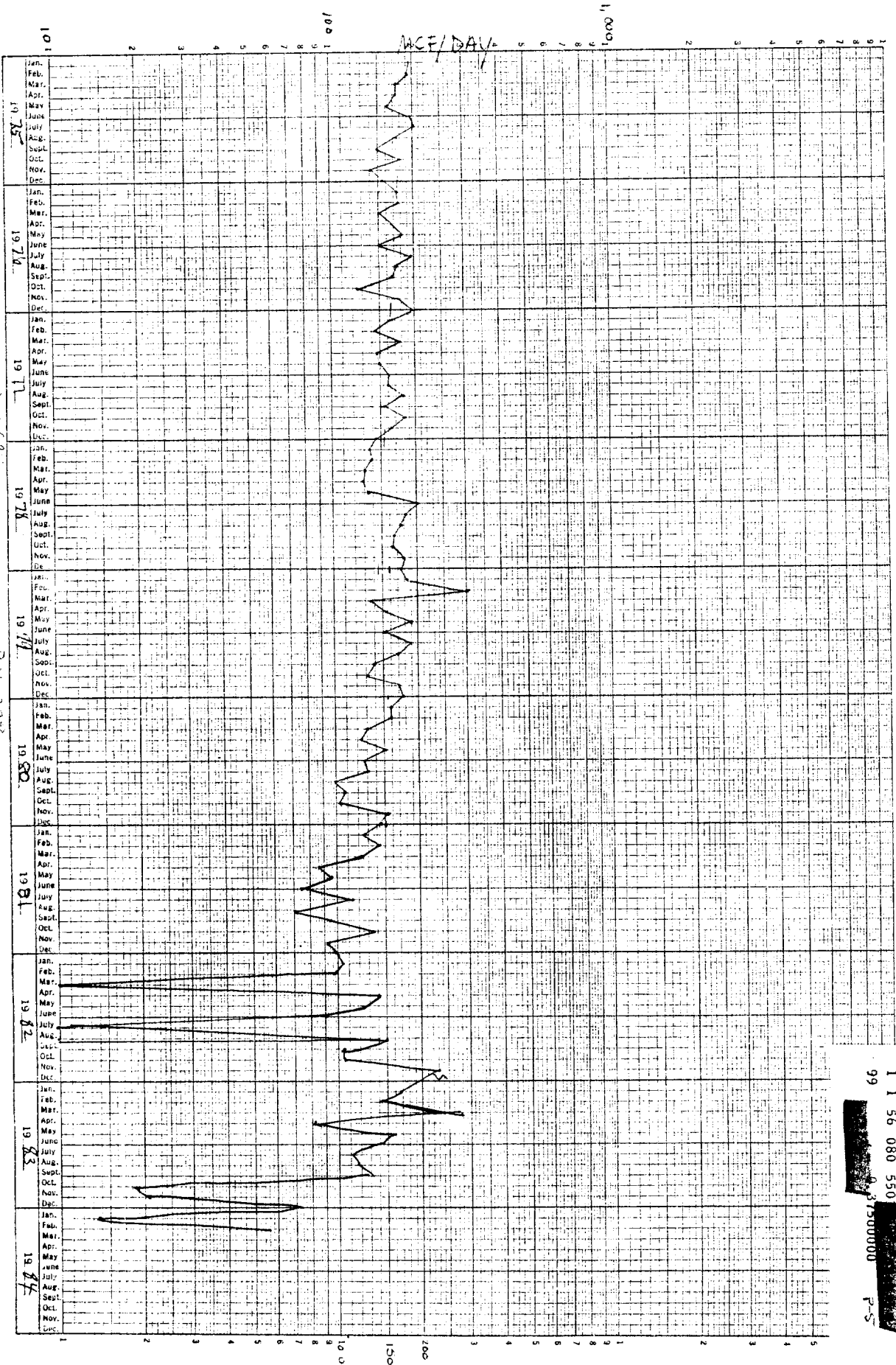
Company

BIB/abw



CONSOLIDATED OIL & GAS, INC.

1 1 56 080 5503 NW Federal 3
 99 OK 0.37500000



WELL #	WELL NAME	RESERVOIR	GP	ACT	NPC	INL	API NO
4951	SYMBIOS	WASH * 0	000 2 = 2	000 2 = 2	000 2 = 2	000 2 = 2	6753
11156	HEMEXICO	800927445 HESA GALLUP (GAS)	070164	04-65	070164	622	1702
1.800	4	RIO ARRIBA	070164	04-65	070164	622	1702
2500	76	9907	19486	3305	3363	6	3 77
2250	77	9907	19486	3305	3363	6	3 77
2000	78	9907	19486	3305	3363	6	3 77
1750	79	9907	19486	3305	3363	6	3 77
1500	80	9907	19486	3305	3363	6	3 77
1250	81	9907	19486	3305	3363	6	3 77
1000	82	9907	19486	3305	3363	6	3 77
750	83	9907	19486	3305	3363	6	3 77
500	84	9907	19486	3305	3363	6	3 77
250	85	9907	19486	3305	3363	6	3 77
0	86	9907	19486	3305	3363	6	3 77

WELL DELIVERABILITY TEST REPORT FOR 19 81

POOL NAME	POOL SLOPE	FORMATION	COUNTY
B.S. Mesa	n= .75	Gallup	Rio Arriba

75082

COMPANY			WELL NAME AND NUMBER		
Consolidated Oil and Gas, Inc.			Northwest #3 GL		
UNIT LETTER	SECTION	TOWNSHIP	RANGE	PURCHASING PIPELINE	
C	6	26	4	Northwest Pipeline Corporation	
CASING O.D. - INCHES	CASING I.D. - INCHES	SET AT DEPTH - FEET	TUBING O.D. - INCHES	TUBING I.D. - INCHES	TOP - TUBING PERF. - FEET
5.500	5.012	8390'	1.315	1.049	7631'
GAS PAY ZONE		WELL PRODUCING THRU		GAS GRAVITY	GRAVITY X LENGTH
FROM 7656'	TO 7676'	CASING	TUBING X	.733	5594'
DATE OF FLOW TEST			DATE SHUT-IN PRESSURE MEASURED		
FROM Oct. 19	TO Oct. 26		November 2, 1981		

PRESSURE DATA - ALL PRESSURES IN PSIA

(a) Flowing Casing Pressure (DWT)	(b) Flowing Tubing Pressure (DWT)	(c) Flowing Meter Pressure (DWT)	(d) Flow Chart Static Reading	(e) Meter Error (Item c - Item d)	(f) Friction Loss (a - c) or (b - c)	(g) Average Meter Pressure (Integr.)
363	307	306	312	-6	1	310
(h) Corrected Meter Pressure (g + e)	(i) Avg. Wellhead Press. $P_t = (h + f)$	(j) Shut-in Casing Pressure (DWT)	(k) Shut-in Tubing Pressure (DWT)	(l) P_c = higher value of (j) or (k)	(m) Del. Pressure $P_d = \frac{80}{\%P_c}$	(n) Separator or Dehydrator Pr. (DWT) for critical flow only
304	305	481	460	481	385	

FLOW RATE CORRECTION (METER ERROR)

Integrated Volume - MCF/D	Quotient of $\frac{\text{Item c}}{\text{Item d}}$	$\sqrt{\frac{\text{Item c}}{\text{Item d}}}$	Corrected Volume
47	.9808	.9903	Q = 47 MCF/D

WORKING PRESSURE CALCULATION

$(1 - e^{-s})$	$(P_c Q_m)^2 (1000)$	$R^2 = (1 - e^{-s}) (P_c Q_m)^2 (1000)$	P_t^2	$P_w^2 = P_t^2 + R^2$	$P_w = \sqrt{P_w^2}$
.334	5611	1874	93025	94899	308

DELIVERABILITY CALCULATION

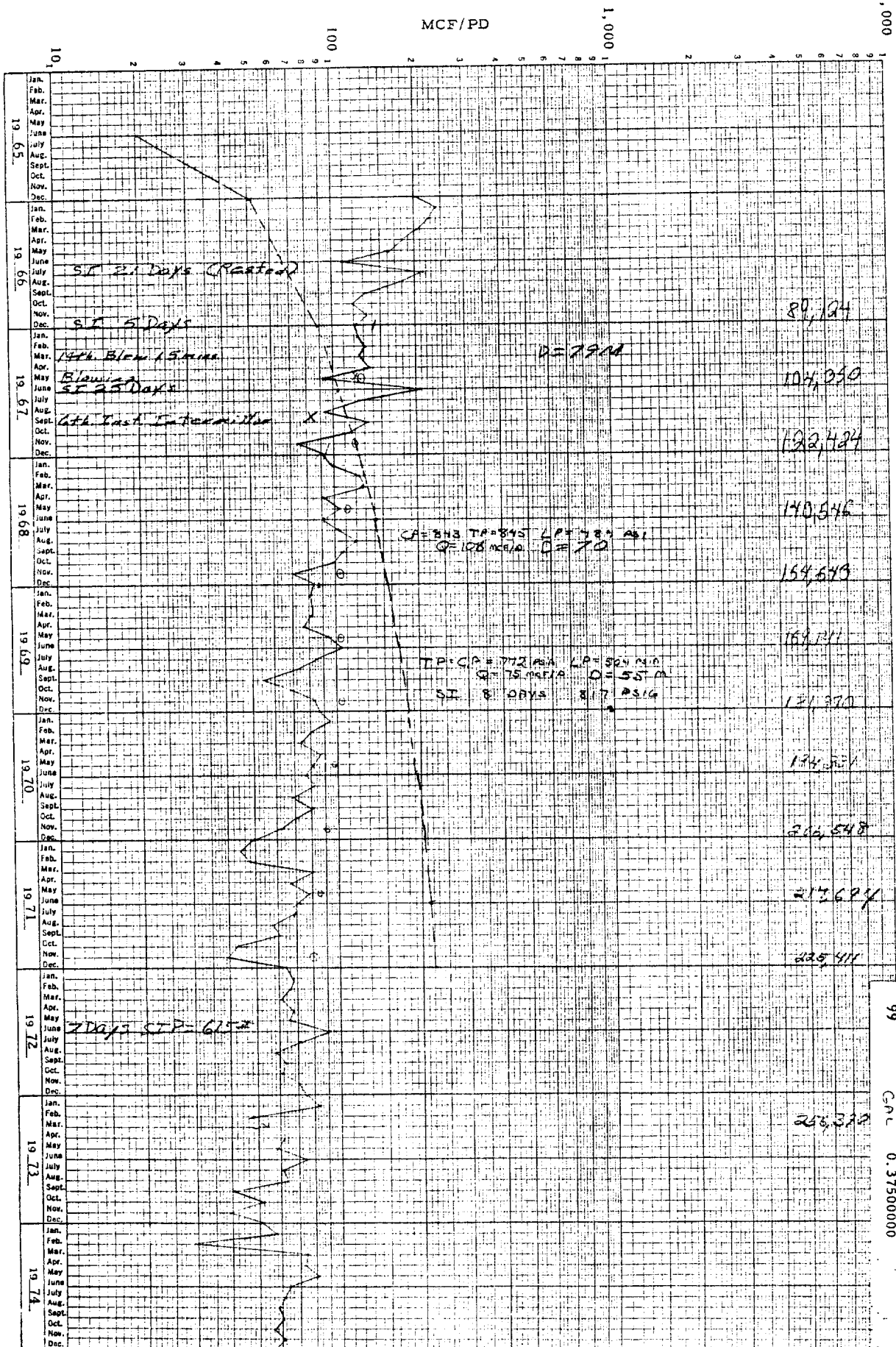
$D = Q \left[\frac{P_c^2 - P_d^2}{P_c^2 - P_w^2} \right]^n = 47$	$\left[\frac{83136}{136462} \right]^n (.6092)^n = .6896$	$= 32$ MCF/D
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REMARKS:

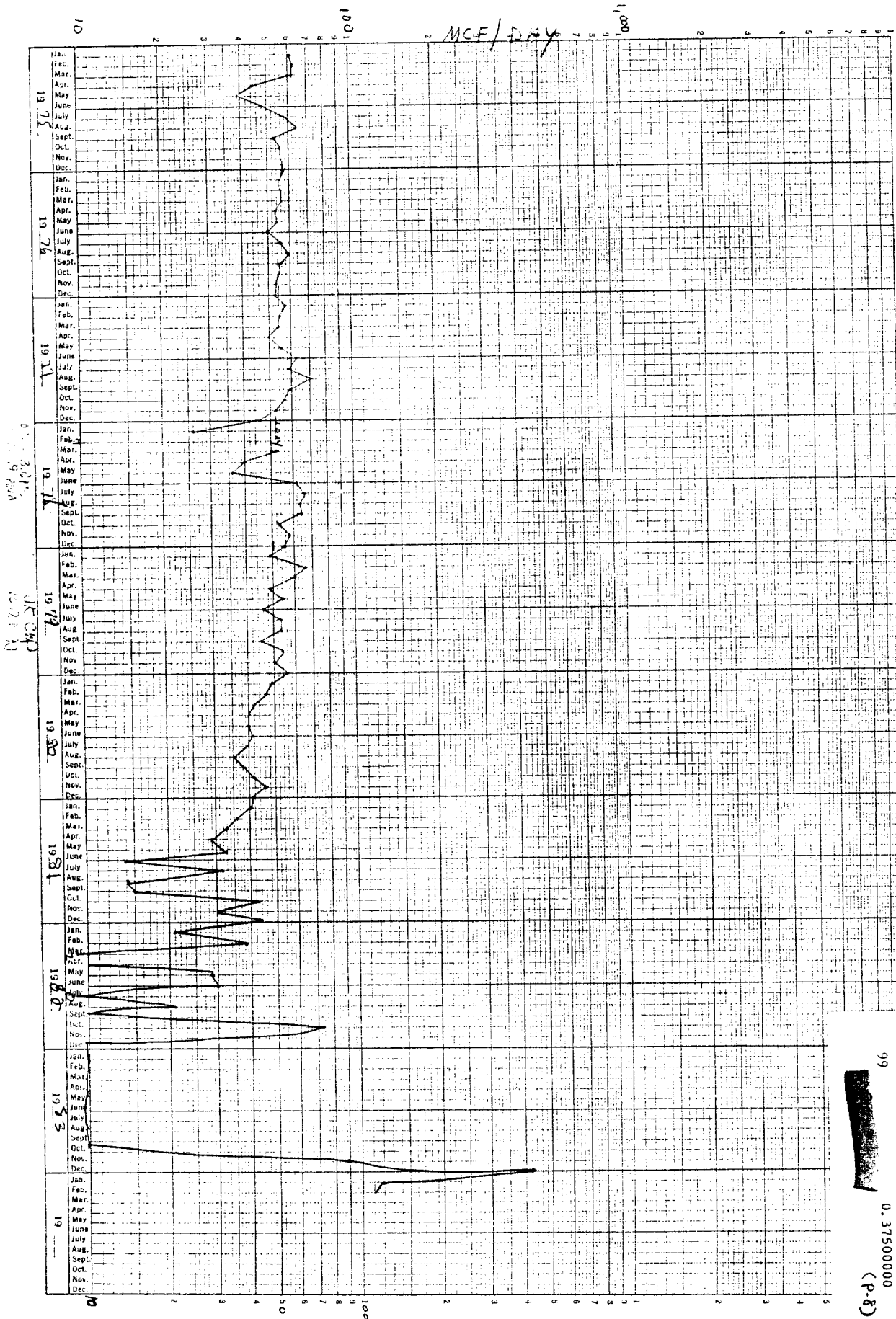
SUMMARY

Item h	304	Psia
P_c	481	Psia
Q	47	MCF/D
P_w	308	Psia
P_d	385	Psia
D	32	MCF/D

Company Consolidated Oil and Gas, Inc.
By [Signature]
Title _____
Witnessed By _____
Company _____



CONSOLIDATED OIL & GAS, INC.
1 1 56 090 5503 NW Federal 3
99 C&L 0.37500000



CONSOLIDATED OIL & GAS, INC.

1 1 56 090 550
99 0.37500000
(P-8)

NORTHWEST 3
Sec 60, T26N, R4W

RE: Rule 303C, Para. 2, Requirement (f)

Due to the economics involved in acquiring measured bottom-hole pressures with a hole in the production tubing, we are submitting the latest Packer Leakage Test which did not fail in 1983.

George

FRAC-TO		WELL NAME AND NUMBER		UNIT	SEC. TWP. - RBL.	COUNTY
COG		NW 3		C	6-26N-4W	RA
UPPER COMPLETION		PRODUCING THRU		LOWER COMPLETION		PRODUCING THRU
GP		Tbg		DK		Tbg
DATE	UPPER ZONE SHUT-IN - 5 DAYS			INITIAL	LOWER ZONE SHUT-IN - 3 DAYS	
7-25	SHUT BOTH ZONES IN				SHUT BOTH ZONES IN	
	CSG	TBG			TBG	
7-26-83	780	768			798	
7-27-83	801	788			798	
7-28-83	802	789			803	
8-2 TURN ON LOWER ZONE AFTER CARD SIGNED 789				8-2	LOWER ZONE FLOW 803	
UPPER ZONE REMAINS SHUT-IN					FLOWING PRESSURE	
8-3-83	CSG	TBG			732	
	252	789				
UPPER ZONE REMAINS SHUT-IN					FLOWING PRESSURE	
8-4-83	254	771			388	
TEST COMPLETED WHEN INITIALED					PLATE SIZE 1.500" STATIC SPRING 1200"	
REMARKS						

sub 8-16-83

327 MCFD

NORTHWEST 3
Sec 60, T26N, R4W

RE: Rule 303C, Para. 2, Requirement (g)

We would like to request an exception to Rule 303C, Para. 2, Requirement (g). Analysis of fluids taken from this well in both zones would not be representative of reservoir fluids in each zone due to the tubing leak. We have not observed any problems with emulsions or precipitates forming in the surface facilities. Offset wells commingled to these two zones have not experienced any apparent problems. The following data is representative of the produced fluids in this well:

	GAS (s.g.)	OIL (API)	B.S. & W. (%)
DAKOTA	.698	63.5	0.0
GALLUP	.695	-	-

NORTHWEST 3
Sec 5C, T26N, R4W

RE: Rule 303C, Para. 2, Requirement (h)

We believe production will not decrease by commingling the Dakota and Gallup formations. The well has continued to produce satisfactorily despite existing line pressures and periods of shut in due to no demand. We do anticipate that production will remain the same or increase with additional gas volumes helping to lift produced liquids in the wellbore. Oil production from both zones is already commingled at the surface (Admin. Order # PC-248). Specific gravity of the Dakota gas is .698 with a heating value of 1204 BTU. Specific gravity of the Gallup gas is .695 with a heating value of 1222 BTU. The price of gas from both zones is currently \$1.15/MCF, so commingling will not reduce the sum of the values of the individual streams.

NORTHWEST 3
Sec 60, T26N, R4W

RE: Rule 303D, Para. 2, Requirement (i)

We would like to allocate 76% gas and 100% oil to the Dakota and 24% gas and 0% oil to the Gallup formations, based on previous well production since 1964 and production decline curves. Percent of allocation was arrived from the total production from each zone from 1964 to June 1984. Oil production from the Gallup has dropped to zero in the recent production history of this well. This accounts for the zero allocation.

TOTAL PRODUCTION

	GAS (Mcf)	OIL (Bbls)
DAKOTA	1,327,984	15,992
GALLUP	424,058	3,478

PERCENT ALLOCATION

	GAS (%)	OIL (%)
DAKOTA	76	100
GALLUP	24	0 *

* Allocation for oil production was established in 1983 and is documented at the NMCCD.

NORTHWEST 3
Sec 6C, T26N, R4W

PE: Rule 303C, Para. 2, Requirement (j)

Certified letters of intent to commingle this well were sent to the attached list of offset operators, including the Bureau of Land Management. Sample copies of the letter and waiver are included.

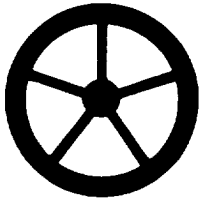
Consolidated Oil & Gas, Inc.
List of Offset Operators

NORTHWEST 3

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

Union Texas Petroleum Company
P. O. Box 1290
Farmington, New Mexico 87499

Bureau of Land Management
Caller Service 4104
Farmington, New Mexico 87499



Consolidated Oil & Gas, Inc.

P. O. BOX 2038
FARMINGTON, NEW MEXICO 87499
(505) 632-8056

October 16, 1984

El Paso Natural Gas Company
Attn: Mr. Don Walker
P. O. Box 990
Farmington, New Mexico 87499

Re: Waiver for Administrative Approval of Downhole Commingling
for Consolidated Oil & Gas, Inc. Northwest 3, Basin Dakota
& B S Mesa Gallup Dual, 895' FNL & 1850' FWL, Sec 6C, T26N,
R4W, Rio Arriba Co., New Mexico

Dear Mr. Walker:

Consolidated Oil & Gas, Inc. has submitted an application to the New Mexico Oil Conservation Division, as outlined in NMOCDD Rule 303C, to apply for approval to administratively commingle the Dakota and Gallup zones in the subject well. We are notifying your office of our intent, and would like you to sign and return each copy of the Waiver of Objection in the self addressed envelopes.

Please mail the waivers to Frank Chavez, New Mexico Oil Conservation Division, 1000 Rio Brazos Rd., Aztec, New Mexico 87410 and Dale Richardson, Consolidated Oil & Gas, Inc., P. O. Box 2038, Farmington, New Mexico 87499.

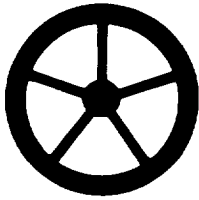
If you have any questions concerning this request please contact Wayne Converse at 632-8056.

Yours very truly,

Dale Richardson
Production & Drilling Superintendent

DER:WLC:wc
Enclosures

cc: N. M. Oil Conservation Division, Santa Fe
N. M. Oil Conservation Division, Aztec



Consolidated Oil & Gas, Inc.

P. O. BOX 2038
FARMINGTON, NEW MEXICO 87499
(505) 632-8056

October 16, 1984

Union Texas Petroleum Company
Attn: Mr. Rudy Motto
P. O. Box 1290
Farmington, New Mexico 87499

Re: Waiver for Administrative Approval of Downhole Commingling
for Consolidated Oil & Gas, Inc. Northwest 3, Basin Dakota
& B S Mesa Gallup Dual, 895' FNL & 1850' FWL, Sec 6C, T26N,
R4W, Rio Arriba Co., New Mexico

Dear Mr. Motto:

Consolidated Oil & Gas, Inc. has submitted an application to the New Mexico Oil Conservation Division, as outlined in NMOCD Rule 303C, to apply for approval to administratively commingle the Dakota and Gallup zones in the subject well. We are notifying your office of our intent, and would like you to sign and return each copy of the Waiver of Objection in the self addressed envelopes.

Please mail the waivers to Frank Chavez, New Mexico Oil Conservation Division, 1000 Rio Brazos Rd., Aztec, New Mexico 87410 and Dale Richardson, Consolidated Oil & Gas, Inc., P. O. Box 2038, Farmington, New Mexico 87499.

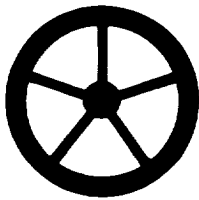
If you have any questions concerning this request please contact Wayne Converse at 632-8056.

Yours very truly,

Dale Richardson
Production & Drilling Superintendent

DER:WLD:wc
Enclosures

cc: N. M. Oil Conservation Division, Santa Fe
N. M. Oil Conservation Division, Aztec



Consolidated Oil & Gas, Inc.

P. O. BOX 2038
FARMINGTON, NEW MEXICO 87499
(505) 632-8056

October 16, 1984

Bureau of Land Management
Attn: Area Manager
Caller Service 4104
Farmington, New Mexico 87499

Re: Waiver for Administrative Approval of Downhole Commingling
for Consolidated Oil & Gas, Inc. Northwest 3, Basin Dakota
& B S Mesa Gallup Dual, 895' FNL & 1850' FWL, Sec 6C, T26N,
R4W, Rio Arriba Co., New Mexico

Gentlemen:

Consolidated Oil & Gas, Inc. has submitted an application to the New Mexico Oil Conservation Division, as outlined in NMOCDD Rule 303C, to apply for approval to administratively commingle the Dakota and Gallup zones in the subject well. We are notifying your office of our intent, and would like you to sign and return each copy of the Waiver of Objection in the self addressed envelopes.

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If you have any questions concerning this request please contact Wayne Converse at 632-8056.

Yours very truly,

Dale Richardson
Production & Drilling Superintendent

DER:WLC:wc
Enclosures

cc: N. M. Oil Conservation Division, Santa Fe
N. M. Oil Conservation Division, Aztec

WAIVER OF OBJECTION AND
CONSENT TO COMMINGLE THE
DUAL COMPLETION

FOR CONSOLIDATED OIL & GAS, INC.

THE UNDERSIGNED, as an offset operator/lease holder of a lease
offsetting

NORTHWEST 3, DK/MV Dual
895' FNL & 1850' FWL
Sec 6C, T26N, R4W
Rio Arriba Co., New Mexico

Does hereby acknowledge receipt of the letter requesting approval
of commingling of the above captioned well.

The undersigned hereby waives any objection to this application
and voluntarily consents to the commingling of the above captioned
well.

SIGNED: _____

NAME: _____

TITLE: _____

FIRM: _____

DATE: _____

Please find enclosed self addressed envelopes. Mail one copy to
Frank Chavez, New Mexico Oil Conservation Division, 1000 Rio Brazos
Rd., Aztec, New Mexico 87410 and Dale Richardson, Consolidated Oil
& Gas, Inc., P. O. Box 2038, Farmington, New Mexico 87499