OATE IN 6	27/97	SUSPENSE 7/17/97 ENGINEER DC LOGGED BY KN TYPE AHC
	<u> </u>	ABOVE THIS LINE FOR DIVISION USE ONLY
		NEW MEXICO OIL CONSERVATION DIVISION - Engineering Bureau -
		ADMINISTRATIVE APPLICATION COVERSHEET
	THIS COVERSI	HEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS
Applicatio	[PC-	[NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location] [DD-Directional Drilling] [SD-Simultaneous Dedication] ownhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling] -Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement] [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion] [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase] Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]
[1] T	YPE OF AI [A]	PPLICATION - Check Those Which Apply for [A] Location - Spacing Unit - Directional Drilling JUN 27 1997 NSL NSP DD SD
	Checl [B]	k One Only for [B] and [C] Commingling - Storage - Measurement DHC CTB PLC PC OLS OLM Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
[2] N	IOTIFICAT [A]	 W F X PMX SWD IPI EOR PPR FION REQUIRED TO: - Check Those Which Apply, or Does Not Apply Working, Royalty or Overriding Royalty Interest Owners
	[B]	Offset Operators, Leaseholders or Surface Owner
	[C]	Application is One Which Requires Published Legal Notice
	[D]	U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
	[E]	For all of the above, Proof of Notification or Publication is Attached, and/or,
	[F]	U Waivers are Attached

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

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

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

Jerry W. Hoover Print or Type Name

Note: Statement must be completed by an individual wi	th supervisory ca
	Sr. Cons
Signature	Title
V	

Sr. Conservation Coordinator

6/19/97

form 3 160-5		TED STATES	FORM APPROVED Budget Bureau No. 1004-0135
June 1990)	/	NT OF THE INTERIOR	Expires: March 3 1 ,1993
	BUREAU OF I	LAND MANAGEMENT	5. Lease Designation and Seriai No.
		AND REPORTS ON WELLS 97 JUN 27 PH 12	. <u>CONT. 145</u>
Do not use this fo	orm for proposals to dri	ill or to deepen or reentry to a different reservoir.	6. If Indian, Allonee or Tribe Name
l	Jse "APPLICATION FO	ill or to deepen or reentry to a different reservoir, PR PERMIT—" for such proposals' ALBUQUERQUE	Jicarilla
	SUBMIT	T IN TRIPLICATE	7. If Unit or CA, Agreement Designation
1. Type of Well Oil Gas			8. Well Name and No.
2. Name of Operator	Other		Jicarilla K No. 15
-	ONOCO INC.		9. API Well No.
3. Address and Telephone h			30-039-20393
10 DESTA DR.	STE. 100W, MIDLAND), TX. 79705-4500 (915) 686-5424	10. Field and Pool, or Exploratory Area
4. Location of W ell (Foota	age. Sec., T. R. M. or Survey De	scription)	PC/MV/Dakota
			11. County or Parish, State
		FSL & 930' FEL	-
	·····	1, T-25N, R-5W	Rio Arriba, NM
CHECK	APPROPRIATE BOX((s) TO INDICATE NATURE OF NOTICE, REPOI	RT, OR OTHER DATA
	SUBMISSION	TYPE OF ACTION	
Notice of	of Intent	Abandonment	Change of Plans
_		Recompletion	New Construction
Subsequ	uent Repon	Plugging Back	Non-Routine Fracrunng
		Casing Repair	Water Shut-Off
Final A	bandonment Notice	Altering Casing	Conversion to Injection
		Other Dowinioie Commingle	Dispose Water INole: Reponresultsof multiplecompliance
13. Describe Proposed or Co	mpieted Operations (Clearly state a	I pertinent details, and give pertinent dates, including estimated date of startin	
give subsurface loc	cations and measured and true verti	l il pertinent details, and give pertinent dates, including estimated date of starting ical depths for all markers and zones pertinent to this work.)* Il in the Distanced Cliffe Massaurade, and Delecto formeti	g any proposed work. If well is directionally
give subsurface loc It is proposed to dow	vnhole commingle this we	ical depths for all markers and zones pertinent to this work.)* ell in the Pictured Cliffs, Mesaverde, and Dakota formati	g any proposed work. If well is directionally
give subsurface loc It is proposed to dow	vnhole commingle this we	ical depths for all markers and zones pertinent to this work.)* ell in the Pictured Cliffs, Mesaverde, and Dakota formati	ons according to the allocation
give subsurface loc It is proposed to dow	vnhole commingle this we	ical depths for all markers and zones pertinent to this work.)* ell in the Pictured Cliffs, Mesaverde, and Dakota formati -A form and its attachments.	g any proposed work. If well is directionally ons according to the allocation
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*See Instruction on Reverse Side

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DISTRICT I P.O. Box 1980, Hobbs, NM 88241-1980

State of New Mexico Energy, Minerals and Natural Resources Department **OIL CONSERVATION DIVISION**

Form C-107-A New 3-12-96 APPROVAL PROCESS: Hearing

EXISTING WELLBORE YES NO

APPLICATION FOR DOWNHOLE COMMINGLING

Conoco Inc.	<u>10</u>	Desta Dr., Ste 100W, Midland,	TX 79705-4500
carilla K	15	I-1-T25N-R5W	Rio Arriba County
DGRID NO. <u>005073</u> Property Co			hit Lease Types: (check 1 or more) State (and/or) Fee
The following facts are submitted in support of downhole commingilng:	Upper Zone	intermediate Zone	Lower Zone
1. Pool Name and Pool Code	So. Blanco Pictured Cliffs 72439	Blanco Mesaverde 72319	Basin Dakota 71599
2. TOP and Bottom of Pay Section (Perforations)	3196'-3206'	5290'-5549'	7394'-7584'
3. Type of production (Oil or Gas)	Gas	Gas	Gas
4. Method of Production (Flowing or Artificial Lilt)	Flowing	Flowing	Flowing
5. Bottom hole Pressure Oil Zones - Artificial Lift: Estimated Current Gas & Oil - Flowing: Measured Current	a (Current) 273 psia b (Original)	a. 754 psia b.	a531 psia
All Gas Zones: Estimated Or Measured Original	1087 psia	1093 psia	2784 psia
6. Oil Gravity (°API) or Gas BTU Content	1262 BTU	1250 BTU	1280 BTU
7. Producing or Shut-In?	Producing	To be Completed	Producing
Production Marginal? (yes or no) • If Shut-In give date and oil/gas/ water rates of last production Note: For new zones with no production history, applicant shall be required to attach production	Yes Date Rates	Yes Date Incremental Production Rate: by Subtraction Use attached Table	Yes Date Rates
 estimates and supporting data. If Producing, give date and oil/gas/water rates of recent test (within 60 days) 	Dele Mid-Year Average Rates Producing Rates See attached Table	Dále Rátes	Date Rates Mid-Year Average Producing Rates See attached Table
8. Fixed Percentage Allocation Formula -% for each zone	oil: Gas %	oil: Gas %	oil: Gas
 Are all working, overriding, at If not, have all working, over Have all offset operators been Will cross-flow occur? X flowed production be recover Are all produced fluids from a Will the value of production b If this well is on, or community United States Bureau of Land NMOCD Reference Cases for ATTACHMENTS * C-102 for each zor * Production curve f 	porting data and/or explaining n nd royalty interests identical in a riding, and royalty interests been n given written notice of the prop Yes No If yes, are fluids co ed, and will the allocation formu all commingled zones compatibl e decreased by commingling? tized with, state or federal lands d Management has been notifie Rule 303(D) Exceptions:	nethod and providing rate project all commingled zones? In notified by certified mail? Doosed downhole commingling? Impatible, will the formations no ula be reliable. X Yes N with each others X Yes N with each others X Yes N Yes X No (If Yes, either the Commissioner of P d in writing of this application. ORDER NO(S) Spacing unit and acreage ded	ctions or other required data <u>x</u> Yes No Yes No t be damaged, will any cross to (If No, attach explanation (If No, attach explanation) ublic Lands or the <u>X</u> Yes No ication.
* Data to support all * Notification list of a * Notification list of y	ocation method or formula. all offset operators.	interests for uncommon intere quired to support commingling.	

DMM Hooll TITLE Sr. Conservation Coord. DATE

TYPE OR PRINT NAME Jerry W. Hoover

SIGNATURE (

_TELEPHONE NO. (915) 686-6548

PPROVAL P	R
dministrative	

DIS	TRI	<u>ст і</u>	l	
811	South	First	St.,	•

Artesia, NM 88210-2835 <u>DISTRICT III</u>

1000 Rio Brazos Rd., Aztec, NM 87410-1693

2040 S. Pacheco Santa Fe, New Mexico 87505-6429

Energy,	winter
Oll	CO

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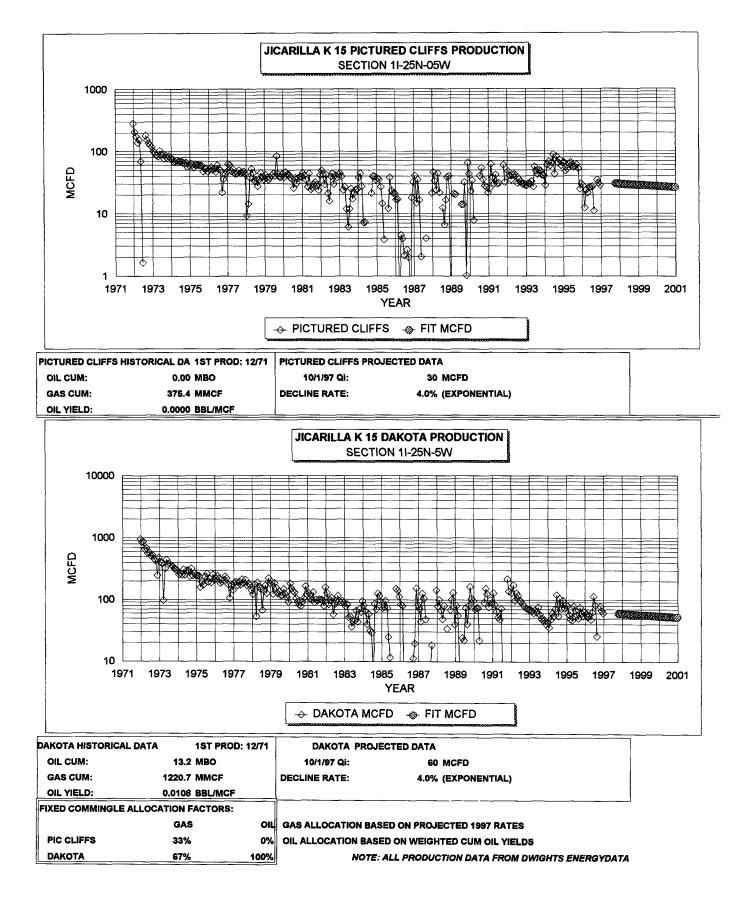
JICARILLA K 15 DAKOTA/PICTURED CLIFFS COMMINGLED PRODUCTION FOR SUBTRACTION METHOD

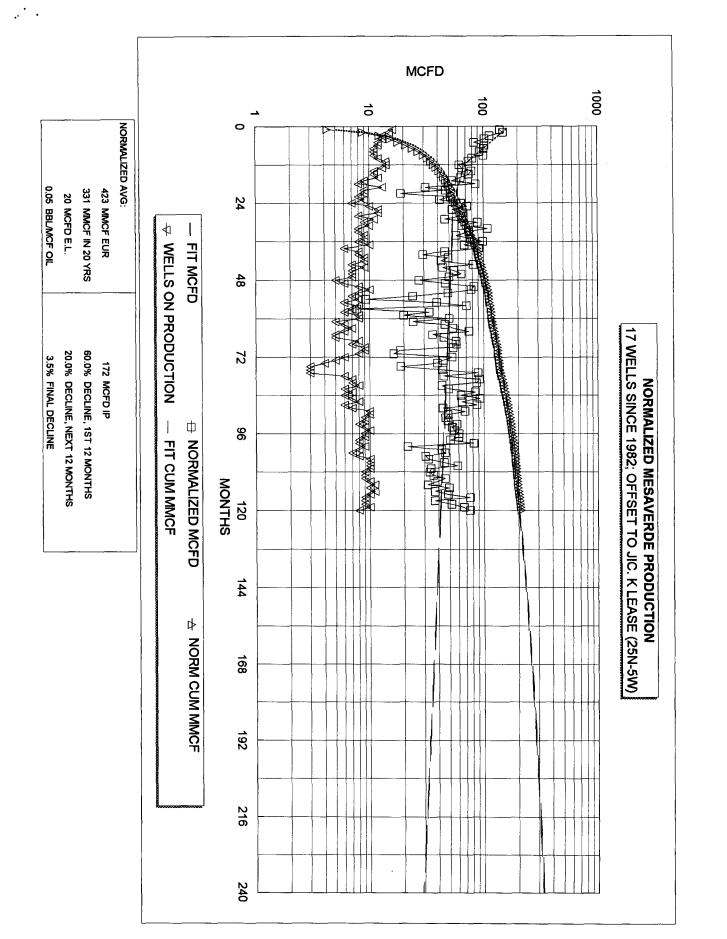
	PC	DAKOTA	DAKOTA	TOTAL	TOTAL
	MID-YEAR	MID-YEAR	MID-YEAR	MID-YEAR	MID-YEAR
YEAR	MCFD	MCFD	BOPD	AVG. MCFD	AVG. BOPD
1997	30	59	0.6	89	0.6
1998	29	58	0.6	87	0.6
1999	28	56	0.6	84	0.6
2000	27	53	0.6	80	0.6
2001	26	51	0.6	77	0.6
2002	25	49	0.5	74	0.6
2003	24	47	0.5	71	0.6
2004	23	45	0.5	68	0.5
2005	22	44	0.5	65	0.5
2006	21	42	0.5	63	0.5
2007	20	40	0.4	60	0.4
2008	19	39	0.4	58	0.4
2009	19	37	0.4	56	0.4
2010	18	36	0.4	53	0.4
2011	17	34	0.4	51	0.4
2012	16	33	0.4	49	0.4
2013	16	31	0.3	47	0.3
2014	15	30	0.3	45	0.3
2015	15	29	0.3	43	0.:
2016	14	28	0.3	42	0.:
2017	13	27	0.3	40	0.:
2018	13	26	0.3	38	0.3
2019	12	25	0.3	37	0.:
2020	12	24	0.3	35	0.:
2021	11	23	0.2	34	0.:
2022	11	22	0.2	33	0.:
2023	10	21	0.2	31	0.5
2024	10	20	0.2	30	0.5
2025	10	19	0.2	29	0.:
2026	9	18	0.2	28	0.:
2027	9	18	0.2	27	0.1
2028	9	17	0.2	26	0.1
2029	8	16	0.2	25	0.:
2030	8	16	0.2	24	0.:
2031	8	15	0.2	23	0.:

PREPARED BY: PDB

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PREPARED BY: PDB

06/24/97 04:14 PM 1 255MVN.WK4 \

NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

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

		All distances must b	e from the outer bounda	ries of the Section.		
Operator SOUTHERN	UNION PRODUCT	ION COMPANY	Lease JIC	ARILLA "K"		Well No. 15
Unit Letter	Section 1	Township 25 NORTH	Firmge 5 WEST	County	RIO ARRIB	•
Actual Footage La	ocation of Well:	2) NORTH	J "EST	1	NIU ARRIE	A
1835	feet from the	SOUTH line ar	d 930	feet from the	EAST	line
Ground Level Elev			Poni	-		ticated Acreage;
6804.0		URED CLIFFS	SOUTH BLANC			160 Acres
2. If more		ated to the subject dedicated to the w				of (both as to working
dated by	communitization,	unitization, force-poo	oling. etc?		interests of all	owners been consoli-
Yes	l No Ife	inswer is "yes," type	ot consolidation .		·	·
If answer	is "no," list the	owners and tract de	scriptions which h	ave actually be	en consolidated	l. (Use reverse side of
	if necessary.)					
					•	nitization, unitization, proved by the Commis-
r						ERTIFICATION
	i		ļ			
	1		1		I hereby certi	fy that the information con-
ļ	l		1			is true and complete to the
	1				Dilbert	wiedge and belief. D. Notauci
		+				D. NOLAND, JR.
	ł		1		DRILLING	SUPERINTENDENT
			1		Company	hu au Da anua - i au
	1		i		Date	JNION PRODUCTION
	1		1		NOVEMBER 1	19. 1971
		Sec. 1	ا 			
			CARILLA APACH	€ ∢ 930' >	shown on this notes of actu under my sup	tify that the well location plat was plotted from field al surveys made by me or arvision, and that the same correct to the best of my d belief.
	2 ()		35		JUNE Date Surveyed	18, 1971
			87		Registered Prof and/or Land Sur	essional Engineer Veyor
·	<u> </u>				JAMES P.	LEESE
0 330 660	90 1320 1650 19	80. 2310 2640 20	1300 1300 1000	500 0	Certificate No.	1463

NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACERAGE DEDICATION PLAT

Operator						Lecse				:	Weil No	
- -	SOUTHERN	UNICH	FRODUCTI	011 - 1	CIPATY		JICARI	LLA	пКн	1	1	5
Conit Letter	Sect		Tewnshie	5	····	1.15%e	 	10P ¹				
		l		25	NORTH		5 DEST		RIO ARCIBA			
- Altuci Footo	age Location	of Well:	-		- •							
1834	5 fei 1 Élea	et from the	SOUTH		nev and	930	femil in	en the	EAST	hr	ne -	
Ground Leve	i ties	Freducin	g Eurmation		1					Dedicate	d Avereuge	
6804.	n [′]		DAKOTA			BASIN	DAKOTA		1	12	319.91	Acre

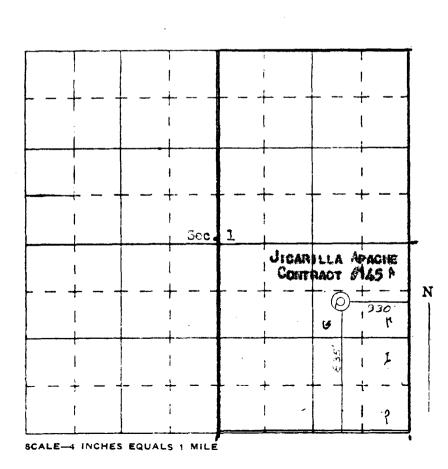
- Outline the accrage dedicated to the subject well by colored pencil or hachare marks on the plat below.

2. If more than one lease is devicated to the well, outline each and intertity, 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?

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

The allowable will be assigned to the well until all interests have been nonsolidated. (by communitization, unitization, forcedcountry, or otherwise) or until a non-standard unit, eliminating, such interests, has been upproved by the Commission.



SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.

CERTIFICATION

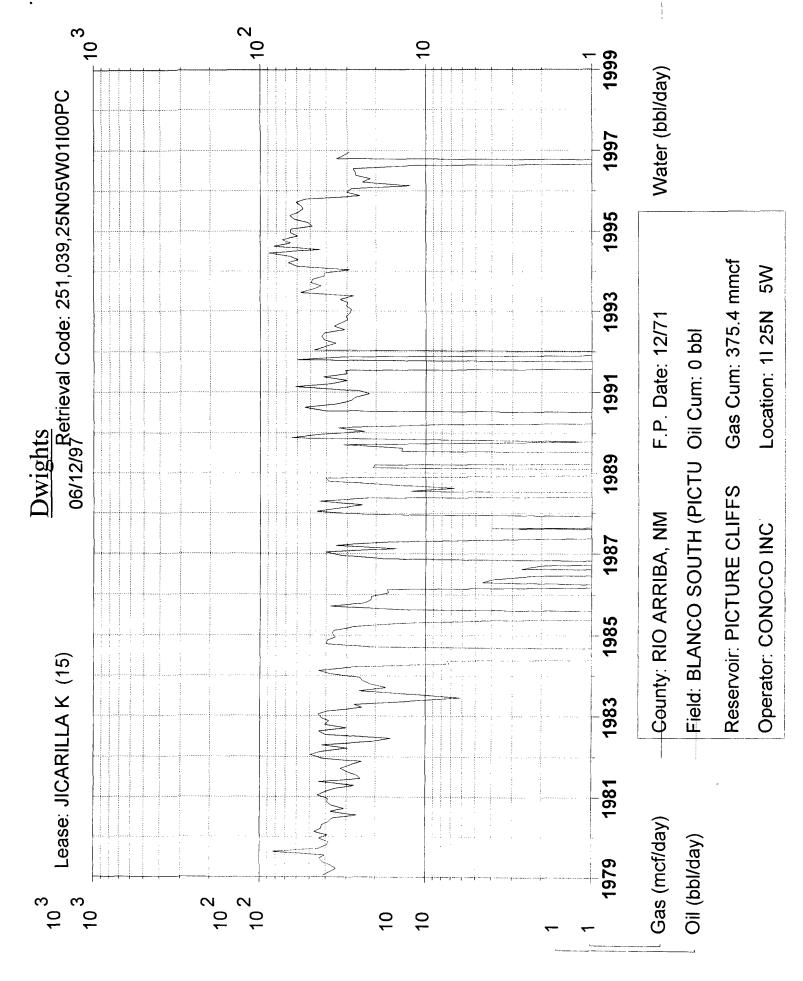
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

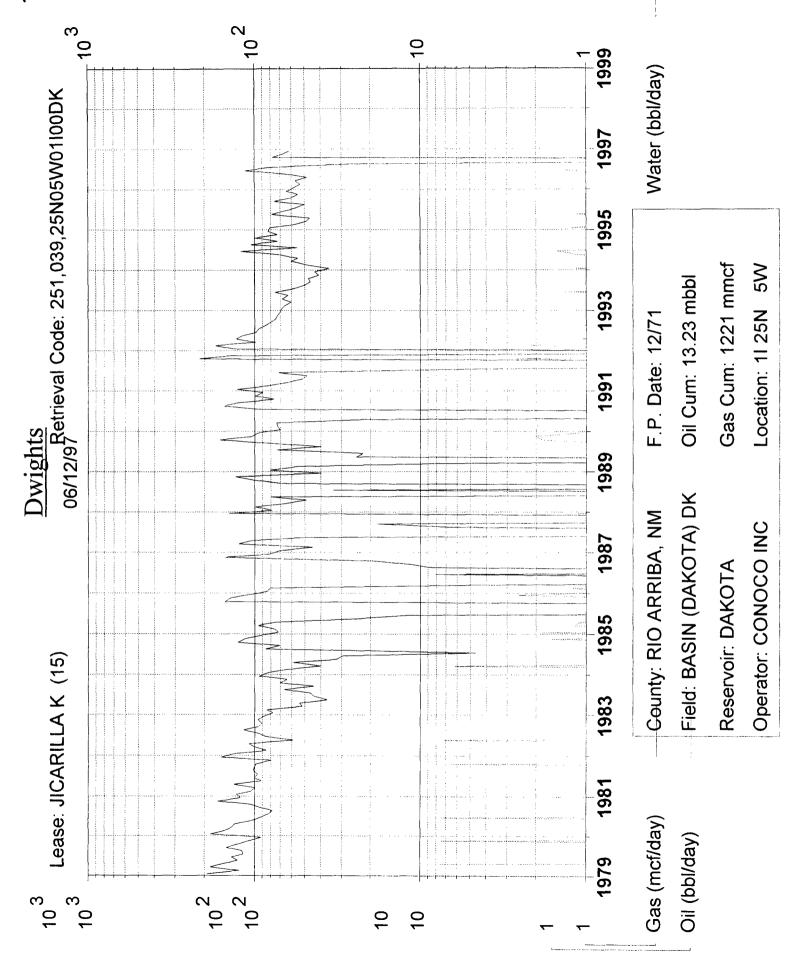
	Original sig	-	•	
Nome	GILBERT D.	NOLA	ND, JR	-
	T D. NOLA	ND,	da.	-
Position Recent to	ng Superi	110021		
Company	AND AND MAN			-
Con the second	The Barrows	Deam	1 (A 10 1 A 1)	

JARE 23, 1971

I hereby certify that the well location shown on this plat was platted 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.

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	ine, 1971	*	
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equisite de 1 of	Actestional Engin Surveyor	cer	
and/or lichd	Surveyor		
JATZS	N. LTIST		
7.45	3		
Certificate 1	10.	· · ·	





JICARILLA K #15 OFFSET OPERATORS

