



NSL 4/13/98

Mid-Continent Region
Exploration/Production

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

March 17, 1998

Mr. Michael Stogner
New Mexico Oil Conservation Division
2040 Pacheco
Santa Fe, New Mexico 87504

RE: Application for Non-Standard Location
Jicarilla K #17
API # 30-039-20433

Dear Mr. Stogner,

The Conoco, Inc. Jicarilla K #17 is located 1450' FSL & 2140' FWL of Section 12, T-25-N, R-5-W, Rio Arriba County, New Mexico. This location is non-standard towards the interior center-line of Section 12 by some 290' (standard set-back would be at least 790' from the center-line, or 1850' FWL). Note that Conoco's Jicarilla K lease covers all of Sections 1,2,11, and 12, T-25-N, R-5-W.

A search of Conoco's well files and records at NMOCD yielded no positive indications that the original operator (Southern Union) ever applied for a non-standard location order for the Basin Dakota or Otero Chacra Pools. Additionally, while Conoco filed for approval to downhole commingle the Chacra, Dakota & Mesaverde (attached copy of Administrative Order DHC - 1613) and filed notice of intent to recomplate with the BLM (approved 6-24-97, copy attached); Conoco failed to apply for a non-standard location order for the Jicarilla K #17.

For unknown reasons, Southern Union did not stake the K #17 at a standard location near the Jicarilla K #9 Pictured Cliffs well (located 990' FSL & 990' FWL of Section 12). Regardless of reasoning, Southern Union drilled the K #17 in a canyon cutting Wild Horse Mesa (see attached topo), as far west as possible, at the foot of a steep topographic rise. No other restrictions to location selection (cultural or infrastructure related) are apparent.

Conoco, Inc. was premature in performing the Mesaverde recompletion without obtaining approval for the pre-existing, non-standard location, and regrets this oversight. Please note that the location is non-standard towards the interior center line of a 640 acre tribal lease with identical working, net and royalty interests in both the east and west halves of the Section. Utilizing the existing wellbore to access Mesaverde reserves will prevent economic waste by allowing access to reserves that would not otherwise be economic. Conoco, Inc. respectfully requests a non-standard location order be granted for the existing Jicarilla K #17 new Blanco Mesaverde pool completion, and for the pre-existing completions in the Basin Dakota and Otero Chacra pools.



Mid-Continent Region
Exploration/Production

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

-2-

4 Burlington Resources

The offset operator plat shows that Amoco is the only offset operator that could be affected by this non-standard location. Please find enclosed evidence that they have been notified of this application.

A non-standard location order is requested based on the reasons given in the preceding paragraphs. If there are further questions concerning this application please call me at (915) 686-5798.

Sincerely,

A handwritten signature in cursive script that reads "Kay Maddox".

Kay Maddox
Regulatory Agent/ Conoco, Inc.

KM/

cc: Oil Conservation Division - Aztec.

INDIAN RESERVATION

Sycarilla K17

WILD HORSE



District I
 PO Box 1980, Hobbs, NM 88241-1980
 District II
 PO Drawer DD, Artesia, NM 88211-0719
 District III
 1000 Rio Brazos Rd. Aztec, NM 87410
 District IV
 PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
 Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
 PO Box 2088
 Santa Fe, NM 87504-2088

Form C-102

Revised February 21, 1994
 instructions on back
 Submit to Appropriate District Office
 State Lease - 4 Copies
 Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-039-20433		2 Pool Code 72319		3 Pool Name Blanco Mesaverde	
4 Property Code 18022		5 Property Name Jicarilla K			6 Well Number 17
7 OGRID No. 005073		8 Operator Name Conoco Inc., 10 Desta Drive, Ste. 100W, Midland, TX 79705-4500			9 Elevation 6953

10 Surface Location

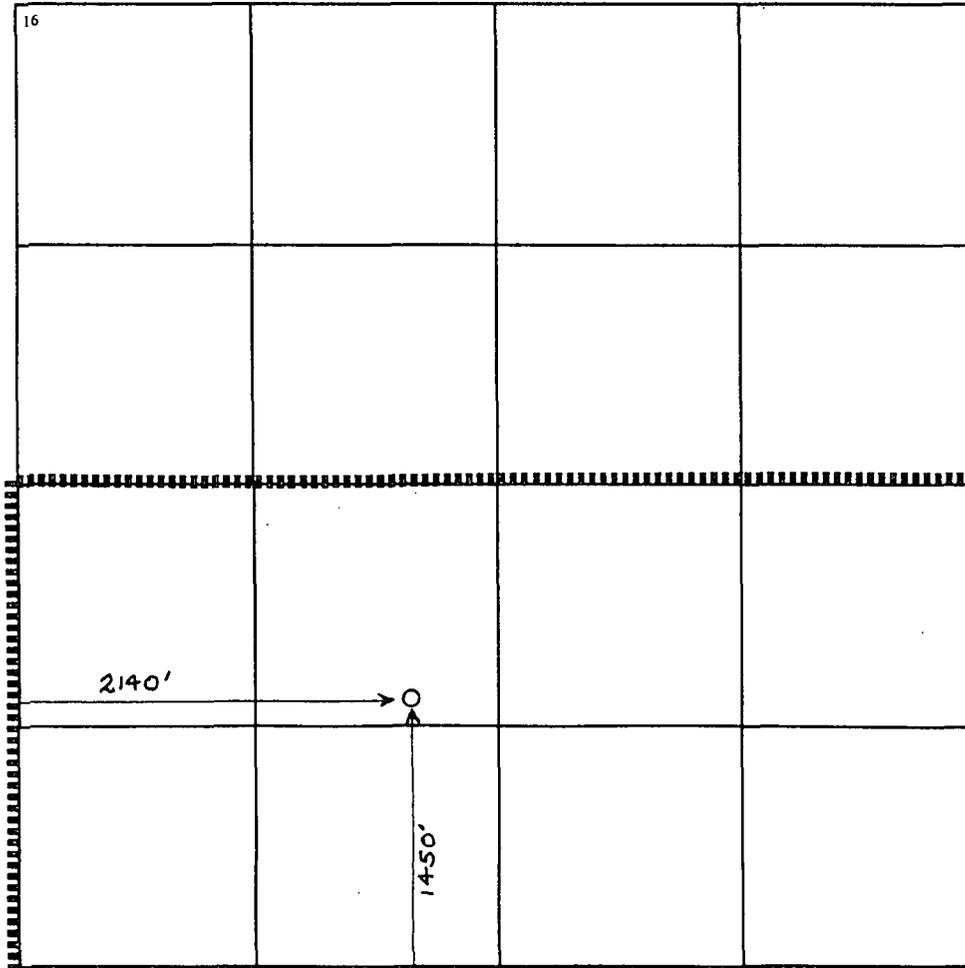
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	12	25N	5W		1450	South	2140	West	Rio Arriba

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

12 Dedicated Acres S/320	13 Joint or Infill	14 Consolidation Code	15 Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



17 OPERATOR CERTIFICATION

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

Jerry W. Hoover
 Signature

Jerry W. Hoover
 Printed Name

Sr. Conservation Coordinator
 Title

6/12/97
 Date

18 SURVEYOR CERTIFICATION

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 belief.

Date of Survey

Signature and Seal of Professional Surveyor:

Certificate Number

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACERAGE DEDICATION PLAT**

All distances must be from the outer boundaries of the Section

Operator SOUTHERN UNION PRODUCTION COMPANY		Lease JICARILLA #115		Well No. 17
Unit Letter K	Section 12	Township 25 NORTH	Range 5 WEST	County RIO ARriba
Actual Footage Location of Well: 1450 feet from the SOUTH line and 2140 feet from the WEST line				
Ground Level Elev. 6953.0	Producing Formation DAKOTA	Pool EASIN DAKOTA	Dedicated Acreage: 9/2 = 320 Acres	

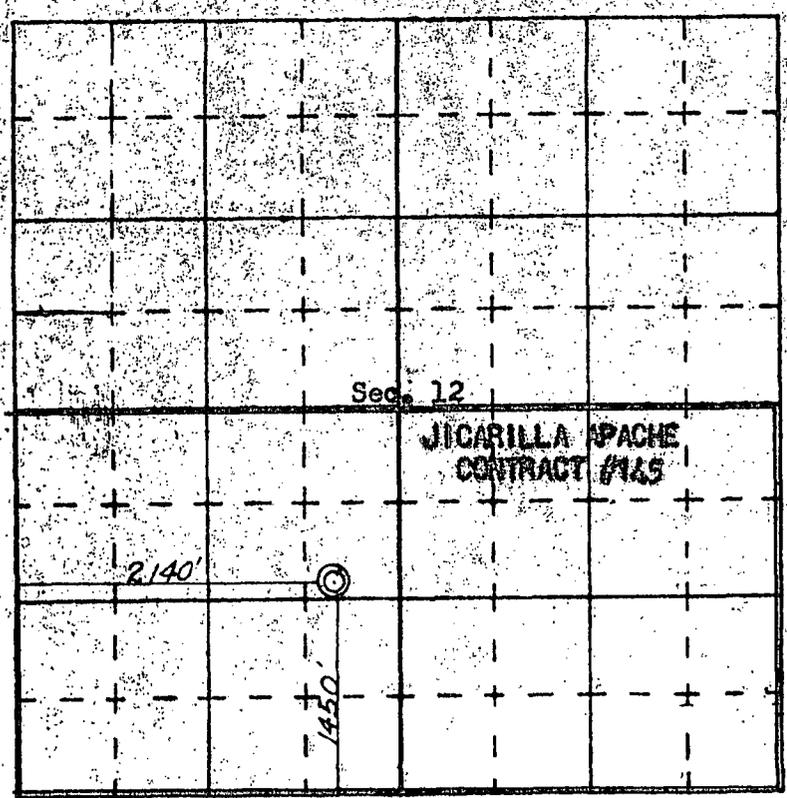
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communization, 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 consolidated. (Use reverse side of this form if necessary.)
- No allowable will be assigned to the well until all interests have been consolidated (by communization, 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.

ORIGINAL SIGNED BY
B. R. VANDERSLICE
Name
B. R. VANDERSLICE
Position
AREA SUPERINTENDENT
Company
SOUTHERN UNION PRODUCTION
Date
OCTOBER 7, 1971

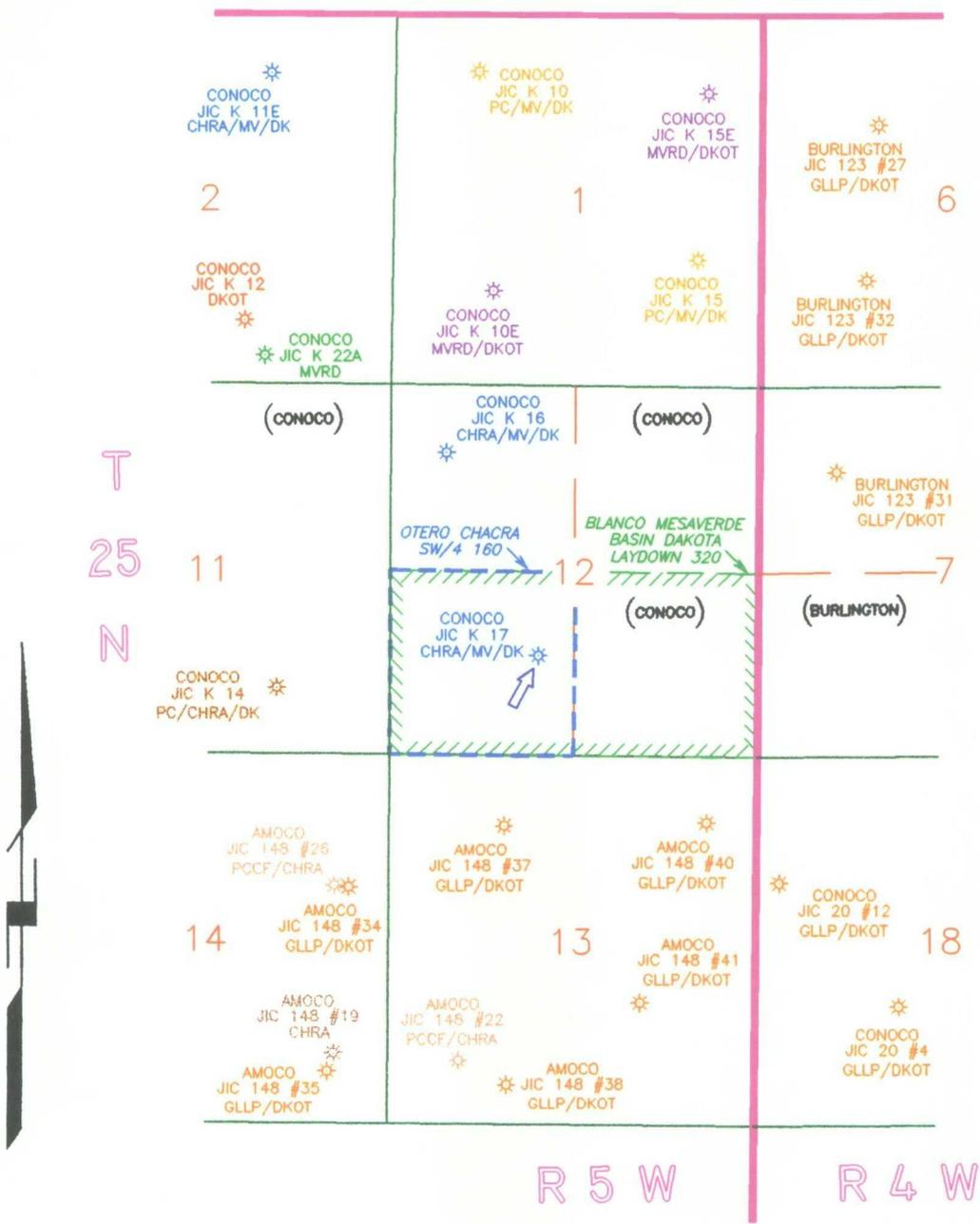
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.



SCALE—4 INCHES EQUALS 1 MILE

SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.

5 OCT 1971
Date Signed
No. 1463
Registered Professional Engineer and/or Land Surveyor
JAMES P. LEESE
1463 JAMES P. LEESE
Certificate No.



<p>NOTES</p> <p>NOTE: No record could be found of original operator filing for NSL for Basin Dakota or Otero Chacra. Conoco now filing for both, along with Blanco Mesaverde. DHC approved per Administrative Order DHC-1613.</p>	DATE: 3/18/98	EPNGNA MIDLAND DIVISION									
	DRAWN BY: GLG	CONOCO JICARILLA K 17 Chacra/Mesaverde/Dakota Producers Non Standard Location For Otero Chacra Blanco Mesaverde, & Basin Dakota									
	CHECKED BY:	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%; text-align: center;">STATE</td> <td style="width: 25%; text-align: center;">API COUNTY</td> <td style="width: 25%; text-align: center;">WELL</td> <td style="width: 25%; text-align: center;">DRAWING</td> </tr> <tr> <td style="text-align: center;">30</td> <td style="text-align: center;">\ 039</td> <td style="text-align: center;">\ 20433</td> <td style="text-align: center;">JIC_K17</td> </tr> </table>		STATE	API COUNTY	WELL	DRAWING	30	\ 039	\ 20433	JIC_K17
	STATE	API COUNTY	WELL	DRAWING							
	30	\ 039	\ 20433	JIC_K17							
APPROVED BY:	CONOCO INC. OFFICE 10 DESTA DRIVE WEST MIDLAND, TEXAS 79705										
SCALE: 1" = 2640'	STATE PLANE COORDINATES REFERRED TO NAD27 - N.M. WEST STATE PLANE COORDINATES ZONE - 3003										

Jicarilla K #17
API # 30-039-20433
Section 12, T-25-N, R-5-W
Rio Arriba County, NM

RE: Non-standard location Request

Offset Operator:

Amoco
PO Box 800
Denver, CO 80201

Burlington Resources
PO Box 4289
Farmington, Nm 87499

P 497 374 048

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail (See reverse)

Sent to	Burlington Resources
Street & Number	PO Box 4289
Post Office, State, & ZIP Code	Farmington, Nm 87499

P 497 374 049

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail (See reverse)

Sent to	Amoco
Street & Number	PO Box 800
Post Office, State, & ZIP Code	Denver, Co 80201
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

PS Form 3800, April 1995



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

ADMINISTRATIVE ORDER DHC-1613

Conoco Inc.
10 Desta Drive
Suite 100W
Midland, Texas 79705-4500

Attention: Mr. Jerry W. Hoover

*Jicarilla "K" No. 17
API No. 30-039-20433
Unit K, Section 12, Township 25 North, Range 5 West, NMPM,
Rio Arriba County, New Mexico.
Blanco-Mesaverde (Prorated Gas - 72319)
Basin-Dakota (Prorated Gas - 71599) and
Otero-Chacra (Gas - 82329) Gas Pools*

Dear Mr. Hoover:

Reference is made to your recent application for an exception to Rule 303.A. of the Division Rules and Regulations to permit the above described well to commingle production from the subject 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 zones is hereby placed in abeyance.

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 allowable for each respective prorated pool as printed in the Division's San Juan Basin Gas Proration Schedule.

Production from the subject well shall be allocated as follows:

Total gas production from the Basin-Dakota and Otero-Chacra Gas Pools shall be determined utilizing the mid-year average production forecast submitted by the applicant as an attachment to the downhole commingling application. Gas production from the Blanco-Mesaverde Gas Pool shall be determined by subtracting Basin-Dakota and Otero-Chacra Gas Pool production from the well's total monthly gas production. The allocation of production to the Basin-Dakota and Otero-Chacra Gas Pools shall be in accordance with the following formula:

Administrative Order DHC-1613

Conoco Inc.

August 15, 1997

Page 2

POOL	OIL %	GAS %
Basin-Dakota Gas Pool	100%	73%
Otero-Chacra Gas Pool	0%	27%

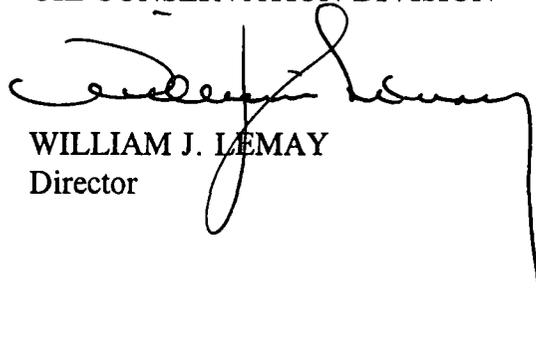
The allocation method established herein may be altered at some time subsequent to initiating downhole commingling operations upon request by the operator and for good cause shown.

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

Pursuant to Rule 303.H., the commingling authority granted herein 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 15th day of August, 1997.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION



WILLIAM J. LEMAY
Director

SEAL

WJL/DRC

cc: Oil Conservation Division - Aztec
Bureau of Land Management-Farmington

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.

CONT 145

6. If Indian, Allottee or Tribe Name

Jicarilla

7. If Unit or CA, Agreement Designation

SUBMIT IN TRIPLICATE

8. Well Name and No.

Jicarilla K No. 17

9. API Well No.

30-039-20433

10. Field and Pool, or Exploratory Area

Blanco Mesaverde

11. County or Parish, State

Rio Arriba, NM

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
CONOCO INC.

3. Address and Telephone No.
10 DESTA DR. STE. 100W, MIDLAND, TX. 79705-4500 (915) 686-5424

4. Location of Well (Footage, Sec., T. R. M. or Survey Description)
1450' FSL & 2140' FWL
Sec. 12, T-25N, R-5W

CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Repon	<input checked="" type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracrunng
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Repon result of multiple completion Wdl Completion or Recompletion Report and Log form.)

13. 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.)*

It is proposed to recomplete this well to the Blanco Mesaverde and downhole with the Chacra & Dakota by the following procedure:

1. Perforate Mesaverde at 5461'-5677' with 23 holes.
2. Treat perforations with 600 gals 15% HCl
3. Install 2-7/8" frac liner from 4140'-4240' to straddle Chacra completion.
4. Slick water frac new Mesaverde perforations.
5. POOH with 2-7/8" frac liner

An application to downhole commingle the Chacra, Mesaverde, and Dakota has been filed. When DHC approval has been received, the above work will be done and all three zones downhole commingled.

RECEIVED
 BUREAU OF LAND MANAGEMENT
 JUL 24 1997

*ml
7-9-97*

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

Signed *Jerry W. Hoover* Title Jerry W. Hoover Date 6/12/97
 Sr. Conservation Coordinator

(This space for Federal or State office use)

Approved by *[Signature]* Title for Chief, Lands and Mineral Resources Date JUL 24 1997
 Conditions of approval if any:



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

ADMINISTRATIVE ORDER DHC-1613

Conoco Inc.
10 Desta Drive
Suite 100W
Midland, Texas 79705-4500

Attention: Mr. Jerry W. Hoover

*Jicarilla "K" No. 17
API No. 30-039-20433
Unit K, Section 12, Township 25 North, Range 5 West, NMPM,
Rio Arriba County, New Mexico.
Blanco-Mesaverde (Prorated Gas - 72319)
Basin-Dakota (Prorated Gas - 71599) and
Otero-Chacra (Gas - 82329) Gas Pools*

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Administrative Order DHC-1613

Conoco Inc.

August 15, 1997

Page 2

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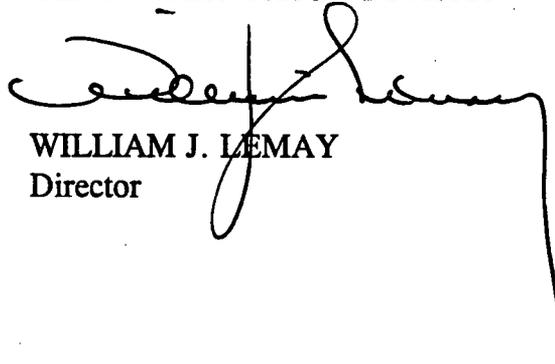
The allocation method established herein may be altered at some time subsequent to initiating downhole commingling operations upon request by the operator and for good cause shown.

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

Pursuant to Rule 303.H., the commingling authority granted herein 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 15th day of August, 1997.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION



WILLIAM J. LEMAY
Director

SEAL

WJL/DRC

cc: Oil Conservation Division - Aztec
Bureau of Land Management-Farmington

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

January 29, 1973

Southern Union Production Company
P. O. Box 808
Farmington, New Mexico 87401

Re: Administrative Order No. MC-2011

Gentlemen:

Enclosed herewith please find Administrative Order No. MC-2011
for the following well:

Jicarilla "K" Well No. 17 located
in Unit K of Section 12, Township
25 North, Range 5 West, NMPM,
Rio Arriba County, New Mexico,
to produce gas from the Chacra
formation and the Basin-Dakota
Pool.

Very truly yours,

A. L. PORTER, Jr.
Secretary-Director

ALP/JEK/oz

cc: Oil Conservation Commission - Aztec
Oil & Gas Engineering Committee - Hobbs

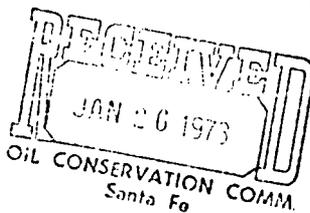
009 11304

OIL CONSERVATION COMMISSION
3 DISTRICT

OIL CONSERVATION COMMISSION
BOX 2088
SANTA FE, NEW MEXICO

DATE 1-22-63

Re: Proposed NSP _____
Proposed NWU _____
Proposed NSL _____
Proposed NFO _____
Proposed MC



Gentlemen:

I have examined the application dated 1-15-73
for the Southern Union Prod Co Jicarella KH 17 K-12-25N-SW
Operator Lease and Well No. S-T-R

and my recommendations are as follows:

Approved

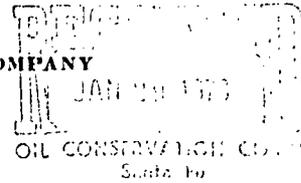
Yours very truly,

George H. ...

SOUTHERN UNION PRODUCTION COMPANY

POST OFFICE BOX 808
FARMINGTON, NEW MEXICO 87401

JANUARY 25, 1973



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

ATTENTION: MR. A. L. PORTER

DEAR SIR:

ENCLOSED IS A COPY OF WAIVER CONSENTING TO DUAL COMPLETION FROM
A.M.C.O. PRODUCTION COMPANY, THIS WAIVER COVERS OUR JICARILLA "K"
NO. 17 WELL IN THE OTERO CHACRA EXTENSION AND BASIN DAKOTA FORMATIONS.
THIS WELL IS LOCATED 1450 FEET FROM THE SOUTH LINE AND 2140 FEET
FROM THE WEST LINE OF SECTION 12, TOWNSHIP 25 NORTH, RANGE 5 WEST,
N.M.P.M., RIO ARRIBA COUNTY, NEW MEXICO.

YOURS VERY TRULY,

SOUTHERN UNION PRODUCTION CO.

A handwritten signature in cursive script that reads "Dan R. Collier".

DAN R. COLLIER
OFFICE MANAGER

DRC:ML
ENCLOSURE

SOUTHERN UNION PRODUCTION COMPANY

POST OFFICE BOX 808
FARMINGTON, NEW MEXICO 87401

JANUARY 12, 1973

NEW MEXICO OIL CONSERVATION COMMISSION
P. O. Box 2083
SANTA FE, NEW MEXICO 87501

ATTENTION: MR. A. L. PORTER

DEAR SIR:

ENCLOSED ARE THREE (3) COPIES EACH OF THE FOLLOWING FORMS TO COVER SOUTHERN UNION PRODUCTION COMPANY'S JICARILLA "K" No. 17 WELL LOCATED 1450 FEET FROM THE SOUTH LINE AND 2140 FEET FROM THE WEST LINE OF SECTION 12, TOWNSHIP 25 NORTH, RANGE 5 WEST, N.M.P.M., RIO ARRIBA COUNTY, NEW MEXICO.

1. APPLICATION FOR MULTIPLE COMPLETION - FORM C-107
2. OFFSET OPERATOR'S PLAT
3. SCHEMATIC DIAGRAM OF WELL COMPLETION

ALSO ENCLOSED IS ONE (1) COPY EACH OF THE PACKER-SETTING AFFIDAVIT AND E. S. INDUCTION LOG.

YOURS VERY TRULY,

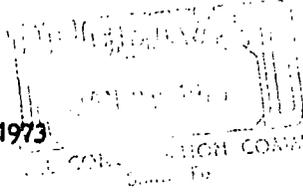
SOUTHERN UNION PRODUCTION COMPANY

Dan R. Collier
DAN R. COLLIER
OFFICE MANAGER

DRC:ML
ENCLOSURES

CC: BENNY E. BECHTOL - DALLAS EXPLORATION
NEW MEXICO OIL CONSERVATION COMMISSION
1000 RIO BRAZOS ROAD, AZTEC, N.M. 87410
AZTEC OIL & GAS COMPANY
P.O. DRAWER 570, FARMINGTON, N.M. 87401
AZTEC OIL & GAS COMPANY
2000 1ST NAT'L. BANK BLDG., DALLAS, TEX. 75202
NORTHWEST PRODUCTION CORPORATION
P.O. Box 1776, El Paso, Tex. 79920
EL PASO NATURAL GAS COMPANY
P.O. Box 990, FARMINGTON, N.M. 87401
AIOCO PRODUCTION COMPANY
SECURITY LIFE BLDG., DENVER, COLO. 80203

JANUARY 10, 1973



AMOCO PRODUCTION COMPANY
SECURITY LIFE BUILDING
DENVER, COLORADO 80203

GENTLEMEN:

SOUTHERN UNION PRODUCTION COMPANY PROPOSES TO DUALY COMPLETE THEIR JIDARILLA "K" No. 17 WELL IN THE OTERO CHAORA EXTENSION AND BADIN DAKOTA FORMATIONS. THIS WELL IS LOCATED 1450 FEET FROM THE SOUTH LINE AND 2140 FEET FROM THE WEST LINE OF SECTION 12, TOWNSHIP 25 NORTH, RANGE 5 WEST, N.M.P.M., RIO ARRIDA COUNTY, NEW MEXICO.

OUR RECORDS INDICATE THAT YOU ARE THE OWNER AND OPERATOR OF THE ACREAGE WHICH ADJOINS THIS DRILLING BLOCK. IF YOU HAVE NO OBJECTIONS TO THIS PROPOSED DUAL COMPLETION, WE WOULD APPRECIATE YOUR SIGNING THE ATTACHED TWO (2) COPIES OF THIS LETTER AND RETURNING SAME TO THIS OFFICE.

YOUR PROMPT CONSIDERATION OF THIS WILL BE GREATLY APPRECIATED.

YOURS VERY TRULY,

SOUTHERN UNION PRODUCTION COMPANY

Original signed by
Don R. Collier
DON R. COLLIER
OFFICE MANAGER

ENCLOSURE
ATTACHMENTS

THE ABOVE DUAL COMPLETION
IS HEREBY APPROVED.

AMOCO PRODUCTION COMPANY

BY: Don R. Collier

TITLE: Office Manager

DATE: 1-10-73

THE APPLICATION OF SOUTHERN UNION
PRODUCTION COMPANY FOR A DUAL COMPLETION.

ORDER NO. MC-2011

ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION COMMISSION

Under the provisions of Rule 112-A, Southern Union Production Company made application to the New Mexico Oil Conservation Commission on January 15, 1973, for permission to dually complete its Jicarilla "K" Well No. 17 located in Unit K of Section 12, Township 25 North, Range 5 West, NMPM, Rio Arriba County, New Mexico, in such a manner as to produce gas from the Chacra formation and the Basin-Dakota Pool.

Now, on this 29th day of January, 1973, the Secretary-Director finds:

- (1) That application has been duly filed under the provisions of Rule 112-A of the Commission's Rules and Regulations;
- (2) That satisfactory information has been provided that all operators of offset acreage have been duly notified; and
- (3) That waivers of objection have been received from offsetting operators and the waiting period as prescribed by said rule may be dispensed with in this instance.
- (4) That the proposed dual completion will not cause waste nor impair correlative rights.
- (5) That the mechanics of the proposed dual completion are feasible and consonant with good conservation practices.

IT IS THEREFORE ORDERED:

That the applicant herein, Southern Union Production Company, be and the same is hereby authorized to dually complete its Jicarilla "K" Well No. 17 located in Unit K of Section 12, Township 25 North, Range 5 West, NMPM, Rio Arriba County, New Mexico, in such a manner as to produce gas from the Chacra formation and the Basin-Dakota Pool through the casing-tubing annulus and the tubing respectively.

PROVIDED HOWEVER, That applicant shall complete, operate, and produce said well in accordance with the provisions of Rule 112-A.

PROVIDED FURTHER, That applicant shall take packer-leakage tests upon completion and annually thereafter.

IT IS FURTHER ORDERED: That jurisdiction of this cause is hereby retained for the entry of such further orders as the Commission may deem necessary.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION


A. L. PORTER, Jr.
Secretary-Director

S E A L

RECEIVED
JAN 10 1973
OIL CONSERVATION COM/A
Santa Fe

JANUARY 10, 1973

NORTHWEST PRODUCTION CORPORATION
P. O. Box 1796
EL PASO, TEXAS 79940

GENTLEMEN:

SOUTHERN UNION PRODUCTION COMPANY PROPOSES TO DUALY COMPLETE THEIR JICARILLA "K" No. 17 WELL IN THE OTERO CHACRA EXTENSION AND BASIN DAKOTA FORMATIONS. THIS WELL IS LOCATED 1450 FEET FROM THE SOUTH LINE AND 2140 FEET FROM THE WEST LINE OF SECTION 12, TOWNSHIP 25 NORTH, RANGE 5 WEST, N.M.P.M., RIO ARRIBA COUNTY, NEW MEXICO.

OUR RECORDS INDICATE THAT YOU ARE THE OWNER AND OPERATOR OF THE ACREAGE WHICH ADJOINS THIS DRILLING BLOCK. IF YOU HAVE NO OBJECTIONS TO THIS PROPOSED DUAL COMPLETION, WE WOULD APPRECIATE YOUR SIGNING THE ATTACHED TWO (2) COPIES OF THIS LETTER AND RETURNING SAME TO THIS OFFICE.

YOUR PROMPT CONSIDERATION OF THIS WILL BE GREATLY APPRECIATED.

YOURS VERY TRULY,

SOUTHERN UNION PRODUCTION COMPANY

Original signed by
Dan R. Collier
DAN R. COLLIER
OFFICE MANAGER

DRG:ML
ATTACHMENTS

THE ABOVE DUAL COMPLETION WELL
IS HEREBY APPROVED.

NORTHWEST PRODUCTION CORPORATION

BY: _____

TITLE: _____

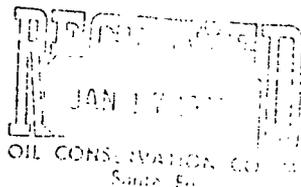
DATE: _____

RECEIVED

SOUTHERN UNION PRODUCTION COMPANY

POST OFFICE BOX 808
FARMINGTON, NEW MEXICO 87401

JANUARY 10, 1973



EL PASO NATURAL GAS COMPANY
P. O. Box 990
FARMINGTON, NEW MEXICO 87401

GENTLEMEN:

SOUTHERN UNION PRODUCTION COMPANY PROPOSES TO DUALY COMPLETE THEIR JICARILLA "K" No. 17 WELL IN THE OTERO CHACRA EXTENSION AND BASIN DAKOTA FORMATIONS. THIS WELL IS LOCATED 1450 FEET FROM THE SOUTH LINE AND 2140 FEET FROM THE WEST LINE OF SECTION 12, TOWNSHIP 25 NORTH, RANGE 5 WEST, N.M.P.M., RIO ARRIBA COUNTY, NEW MEXICO.

OUR RECORDS INDICATE THAT YOU ARE THE OWNER AND OPERATOR OF THE ACREAGE WHICH ADJOINS THIS DRILLING BLOCK. IF YOU HAVE NO OBJECTIONS TO THIS PROPOSED DUAL COMPLETION, WE WOULD APPRECIATE YOUR SIGNING THE ATTACHED TWO (2) COPIES OF THIS LETTER AND RETURNING SAME TO THIS OFFICE.

YOUR PROMPT CONSIDERATION OF THIS WILL BE GREATLY APPRECIATED.

YOURS VERY TRULY,

SOUTHERN UNION PRODUCTION COMPANY

DAN R. COLLIER
OFFICE MANAGER

DRC:ML
ATTACHMENTS

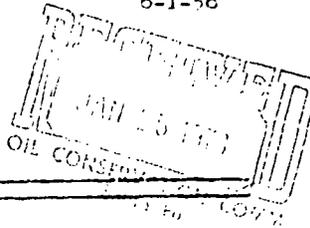
THE ABOVE DUAL COMPLETION WELL
IS HEREBY APPROVED.

EL PASO NATURAL GAS COMPANY

BY: Carl E. Matthews
TITLE: Dist. Prod. Mgr.
DATE: 1/15/73

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

6-1-56



PACKER-SETTING AFFIDAVIT
(Dual Completions)

STATE OF NEW MEXICO)
County of SAN JUAN) ss

GENE LONGACRE, being first duly sworn according to law, upon his oath deposes and says:

That he is of lawful age and has full knowledge of the facts herein below set out.

That he is employed by BAKER OIL TOOLS in the capacity of OILFIELD SERVICE ENGINEER and as such is its authorized agent.

That on DECEMBER 8, 1972, he personally supervised the setting of a 4-1/2", MODEL "D" BAKER PROD. PACKER in SOUTHERN UNION PRODUCTION COMPANY's (Make and Type of Packer) (Operator)

JICARILLA "K" Well No. 17, located in Unit (lease) Letter K, Section 12, Township 25 NORTH, Range 5 WEST, NMPM, RIO ARRIBA County, New Mexico.

That said packer was set at a subsurface depth of 7396 feet, said depth measurement having been furnished by BLUE-JET, INC.

That the purpose of setting this packer was to effect a seal in the annular space between the two strings of pipe where the packer was set so as to prevent the commingling, within the well-bore, of fluids produced from a stratum below the packer with fluids produced from a stratum above the packer. That this packer was properly set and that it did, when set, effectively and absolutely seal off the annular space between the two strings of pipe where it was set in such manner as that it prevented any movement of fluids across the packer.

BAKER OIL TOOL, INC.
(Company)

[Signature]
(Agent)

Subscribed and sworn to before me this 11th day of June, A.D. 1972.

[Signature]
Notary Public in and for the County of San Juan

My Commission Expires 8-25-76

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
APPLICATION FOR MULTIPLE COMPLETION

Form C-107
5-1-61

Company SOUTHERN UNION PRODUCTION COMPANY		County RIO ARRIBA	Date JANUARY 12, 1973
Address P. O. Box 808, FARMINGTON, NEW MEXICO 87701		Lease JICARILLA "K"	Well No. 17
Section K	Section 12	Township 25 NORTH	Range 5 WEST

1. Has the New Mexico Oil Conservation Commission heretofore authorized the multiple completion of a well in these same pools or in the same zones within one mile of the subject well? YES NO
2. If answer is yes, identify one such instance: Order No. MC-1963; Operator Lease, and Well No.: SOUTHERN UNION PRODUCTION COMPANY'S JICARILLA "K" No. 16

3. The following facts are submitted:

	Upper Zone <input checked="" type="checkbox"/>	Intermediate Zone	Lower Zone <input checked="" type="checkbox"/>
a. Name of Pool and Formation	<u>OTERO CHACRA EXTENSION</u>		<u>BASIN DAKOTA</u>
b. Top and Bottom of Pay Section (Perforations)	<u>4174 - 4204</u>		<u>7464 - 7670</u>
c. Type of production (Oil or Gas)	<u>GAS</u>		<u>GAS</u>
d. Method of Production (Flowing or Artificial Lift)	<u>FLOWING</u>		<u>FLOWING</u>

4. The following are attached. (Please check YES or NO)

- | | | |
|---|-------------------------------------|---|
| Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | c. Waivers consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.* |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be submitted as provided by Rule 112A.) |

5. List all offset operators to the lease on which this well is located together with their correct mailing address.

- ANOCO PRODUCTION COMPANY, SECURITY LIFE BUILDING, DENVER, COLORADO 80203
- NORTHWEST PRODUCTION CORPORATION, P. O. Box 1796, EL PASO, TEXAS 79940
- EL PASO NATURAL GAS COMPANY, P. O. Box 990, FARMINGTON, NEW MEXICO 87701

6. Have all operators listed in Item 5 above notified and furnished a copy of this application? YES NO If answer is yes, give date of such notification JANUARY 15, 1973

CERTIFICATE: I, the undersigned, state that I am the OFFICE MANAGER of the SOUTHERN UNION PRODUCTION COMPANY and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Ben K. Colman
OFFICE MANAGER

*If all operators from all offset operators not to the company an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of 60 days (200 days if no date of receipt by the Commission's Santa Fe office). If, after said 60 days (200 days), no protest or request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard production unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

8-29-1314

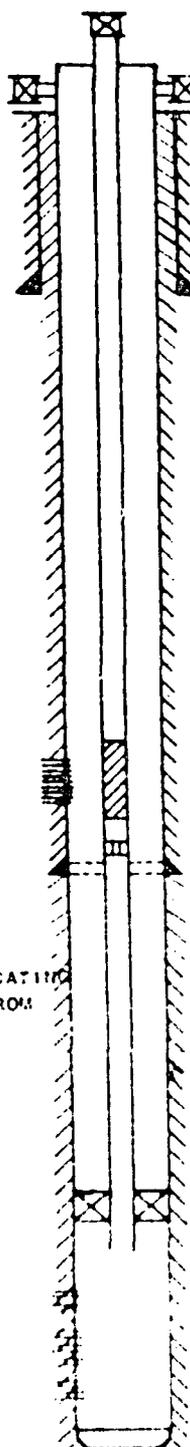
SURFACE HOLE SIZE: 12-1/4"

PRODUCTION HOLE SIZE: 7-7/8"

DAKOTA

CHACRA

SOUTHERN UNION PRODUCTION COMPANY
JICARILLA "K" NO. 17
1450 FT. FROM THE SOUTH LINE AND
2140 FT. FROM THE WEST LINE OF SECTION 12,
TOWNSHIP 25 NORTH, RANGE 5 WEST, N.M.P.M.,
RIO ARRIBA COUNTY, NEW MEXICO.



SURFACE CASING: 8-5/8", 24.0#, K-55
SET AT 294 FT. R.K.B. CEMENTED TO
SURFACE W/250 SACKS CEMENT.

2ND. STAGE PRODUCTION CASING CEMENTED
TO SURFACE W/1500 CU. FT. CEMENT.

PRODUCTION CASING: 4-1/2", 10.50#,
K-55. LANDED AT 7769 FT. R.K.B.

3.06" O.D. BLAST JOINTS SET ACROSS
CHACRA PERFS FROM 4164 - 4214 FT. R.K.B.

BAKER MODEL "L" SLIDING SLEEVE SET
AT 4260 FT. R.K.B.

4-1/2" STAGE COLLAR SET AT 4392 FT. R.K.B.

1ST. STAGE PRODUCTION CASING CEMENTED
TO 4392 FT. R.K.B. W/1300 CU. FT. /
CEMENT.

2-3/8", 1.70#, E.U.E., TUBING RUN TO
DAKOTA. LANDED IN PRODUCTION PACKER
AT 7396 FT. R.K.B.

BAKER MODEL "D" 4-1/2" PRODUCTION
PACKER SET AT 7396 FT. R.K.B.

P.B.T.D.: 7733 FT. R.K.B.

TOTAL DEPTH: 7770 FT. R.K.B.

CHACRA PERFORATIONS:
4174 FT. - 4204 FT. R.K.B.

LARKIN FIG: 902 - 4 1/2" CENTRALIZERS
RUN ON 30 FT. SPACING FROM 7350 FT.
TO 7770 FT. R.K.B. LARKIN RECIPROCATING
SCRATCHERS RUN ON 10 FT. SPACING FROM
7360 FT. TO 7760 FT. R.K.B.

DAKOTA PERFORATIONS:
7164 FT. - 7670 FT. R.K.B.