

THE APPLICATION OF PIONEER PRODUCTION
CORPORATION FOR A DUAL COMPLETION.

ORDER NO. MC-2844

ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION DIVISION

Under the provisions of Rule 112-A, Pioneer Production Corporation made application to the New Mexico Oil Conservation Division on April 27, 1981, for permission to dually complete its Dustin Well No. 1-E located in Unit J of Section 6, Township 29 North, Range 12 West, NMPM, San Juan County, New Mexico, in such a manner as to permit production of gas from the Chacra formation and the Basin-Dakota Pool.

Now, on this 21st day of May, 1981, the Division Director finds:

- (1) That application has been filed under the provisions of Rule 112-A of the Division's Rules and Regulations;
- (2) That satisfactory information has been provided that all operators of offset acreage have been duly notified;
- (3) That no objections have been received within the waiting period as prescribed by said rule;
- (4) That the proposed dual completion will not cause waste nor impair correlative rights; and
- (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, Pioneer Production Corporation, be and the same is hereby authorized to dually complete its Dustin Well No. 1-E located in Unit J of Section 6, Township 29 North, Range 12 West, NMPM, San Juan County, New Mexico, in such a manner as to permit production of gas from the Chacra formation and the Basin-Dakota Pool through the casing-tubing annulus and the tubing respectively.

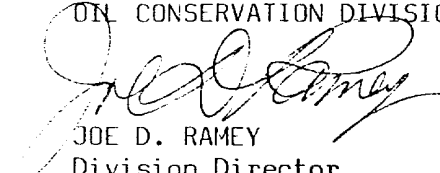
PROVIDED HOWEVER, That applicant shall complete, operate, and produce said well in accordance with the provisions of Rule 112-A.

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 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
Division Director

SEAL





STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE

PRODUCED BY THE
AZTEC NEW MEXICO STATE
1500-104-0118

OIL CONSERVATION DIVISION
BOX 2083
SANTA FE, NEW MEXICO 87501

DATE 4-20-81

RE: Proposed HC X
Proposed DHC _____
Proposed NSL _____
Proposed SUD _____
Proposed WFX _____
Proposed PFX _____

Gentlemen:

I have examined the application dated 4-17-81
for the Pioneer Location #1E J-6-29N-12W
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approve

Yours truly,

Frank T. Chave

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

1 - Mesa
1 - Texaco
1 - Amoco
1 - EPNG

Form C-107
5-1-81

Operator Pioneer Production Corp.		County San Juan		Date 3-14-81
Address P O Box 208, Farmington, NM 87401		Lease Dustin		Well No. #1E
Location of Well	Unit J	Section 6	Township 29 North	Range 12 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. _____ ; Operator Lease, and Well No.: _____

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	Chacra		Basin Dakota - Dakota
b. Top and Bottom of Pay Section (Perforations)	2586-2684' (12 holes)		6073-6181' (19 holes)
c. Type of production (Oil or Gas)	gas		gas
d. Method of Production (Flowing or Artificial Lift)	flowing		flowing

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

Yes	No	
<input checked="" type="checkbox"/>	<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 checked="" type="checkbox"/>	<input 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 112-A.)

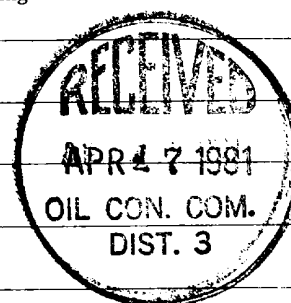
5. List all offset operators to the lease on which this well is located together with their correct mailing address.

Mesa Petroleum Co., Box 2009, Amarillo, TX 79105

El Paso Natural Gas Co., P O Box 1492, El Paso, TX 79978

Amoco Production Co., 501 Airport Dr., Farmington, NM 87401

Texaco, Inc., P O Box 2100, Denver, CO 80201



6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES XX NO ____ . If answer is yes, give date of such notification 4-14-81

CERTIFICATE: I, the undersigned, state that I am the _____ Agent _____ of the **Pioneer Production Corp.** (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.

Thomas A. Dugan
Signature **Thomas A. Dugan**

*Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor 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 proration unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

LEASE: DustinWELL NO: #1ELOCATION: 1850' FSL, 1520' FEL

PPC WIZ 100

NRIZ 7935991

Sec 6, T29N-R12W

COUNTY: San JuanDATE Commenced Drilling: 1/12/81STATE: New MexicoDATE Released Rig: 1/21/81OIL PURCHASER: Inland CorporationDATE Completed (Ready to Produce) 3/10/81

PHONE:

DATE OF FIRST PRODUCTION: WOPGAS PURCHASER: Pioneer Natural Gas CompanyPUMPER: Dugan Production CorporationPHONE: 806/378-3300PHONE: 505/325-1821

ALL MEASUREMENTS FROM KB

Elevations: GL: 5484' DF: 5495' KB: 5496'

Surface Casing

8 5/8" "
411.6' 24 #K-55

Set at 423'
W/ 275 sxs CMT
Hole Size 12 1/2 "
CMT Top Surface
By Circulated

8 5/8" Csg @ 423' INITIAL COMPLETION: 2/7/81 to 3/10/81

(SEE REVERSE)

Production Casing

4 1/2" "
6303' 11.6 #, K-55

Set at 6297
W/ 1757 sxs CMT
Hole Size 7 7/8 "
CMT Top Surface
By Circulated

2586'
2596'
} Chacra Perforations
2659'
2684'

Baker Model L Sliding Sleeve set @ 2763'
X Baker Model F-1 Production Pkr set @ 2766'

Bakerline Stage Collar @ 4378'

1 1/2" 2.3#V-55 IJ 10 Rd Tbg set @ 5959'

6073'
6091'
} Dakota Perforations
6138'
6181'

Differential fill float collar @ 6269'

4 1/2" Csg @ 6297

PERFORATION RECORD

Chacra

2586-87-95-96
2659-61-63-71
73-80-82-84

Dakota

Upper: 6073-75-77-
82-86-89-91

Main: 6138-40-42-
44-46-49-51-57-59-
67-81

APPLICATION FOR MULTIPLE COMPLETION
PIONEER PRODUCTION CORP.

Dustin #1E Well
Unit J, Sec. 6, T-29-N, R-12-W
San Juan County, New Mexico

Exhibit No. _____

WELL NAME: Dustin #1ETOTAL DEPTH: 6297'PLUG BACK TD: 6270'

Welex perforated Dakota as follows:

Upper: 6073-75-77-82-86-89-91, Main: 6138-40-42-44-46-49-51-57-59-67-81. (Total 19 holes, 0.38" hole size).

Broke down perforations with 2500 gals 15% HCL and 30 RCN ball sealers. Ball out at 3500 psi. Fracture treated Dakota with 91,375 gals Mini Max III and 289,812# sand and 84 tons CO₂. AIR 35 BPM @ 2400 psi, ISIP 1500 psi. Set RBP at 2800. Spotted 100 gals Acetic acid across Chacra.

Welex perforated Chacra as follows:

2586-87-95-96, 2659-61-63-71-73-80-82-84 (Total 12 holes, 0.32" hole size). WIH w/2 3/8" tubing and packer and set packer at 2465'. Broke down perforations. Acidized perforations with 1000 gals 7 1/2% HCL acid plus 400 SCF/bbl N₂ and 20 RCN ball sealers. Ball out at 4000 psi.

Fracture treated Chacra with 60,000 gals 75 Quality Foam plus 57,000# sand. AIR 25 BPM @ 2000 psi ISIP 1500 psi.

Set Baker Model F-1 Production packer @ 2766'. WIH as follows with downhole equipment.

98 jts 1 1/4" 2.3# V-55 IJ 10rd tbg.	3,179.68'
1 Inter Mandrel (Baker)	2.90
1 Baker Seal Assembly	2.90
1 2 3/8" EUE Tubing Sub	2.10
1 2 3/8" Swedge	.25
1 Baker Model L Sliding Sleeve	2.35
2 jts 1 1/4" 2.3# V-55 IJ 10rd tbg	64.94
7 20' Long 2.33" OD x 1.67" ID Blast Joints	140.00
77 jts 1 1/4" 2.3# V-55 IJ 10rd tbg	2,499.38
4 6' 1 1/4" tubing subs	23.60
3 1' 1 1/4" tubing subs	3.00
1 1 1/4" 2.3# V-55 IJ 10rd tbg	30.81
	<hr/> 5,951.91
KB	7.09
Tubing Set @	<hr/> 5,959.00

Well SI on 2/20/81 for tests.

Flow tested Dakota on 2/27/81 (7 day SI) (Tubing):

SITP 1120#, Tested 8 hours through 2" critical flow prover. FTP 105#, 696 MCFGD.
CAOF 702 MCFGD

Flow tested Chacra on 3/1/81 (9 day SI) (Annulus):

SICP 850#. Tested 8 hours through 2" critical flow prover. FCP 120#.
485 MCFGD. CAOF 495 MCFGD

sa Petroleum Co.
X 2009
arillo, TX 79105

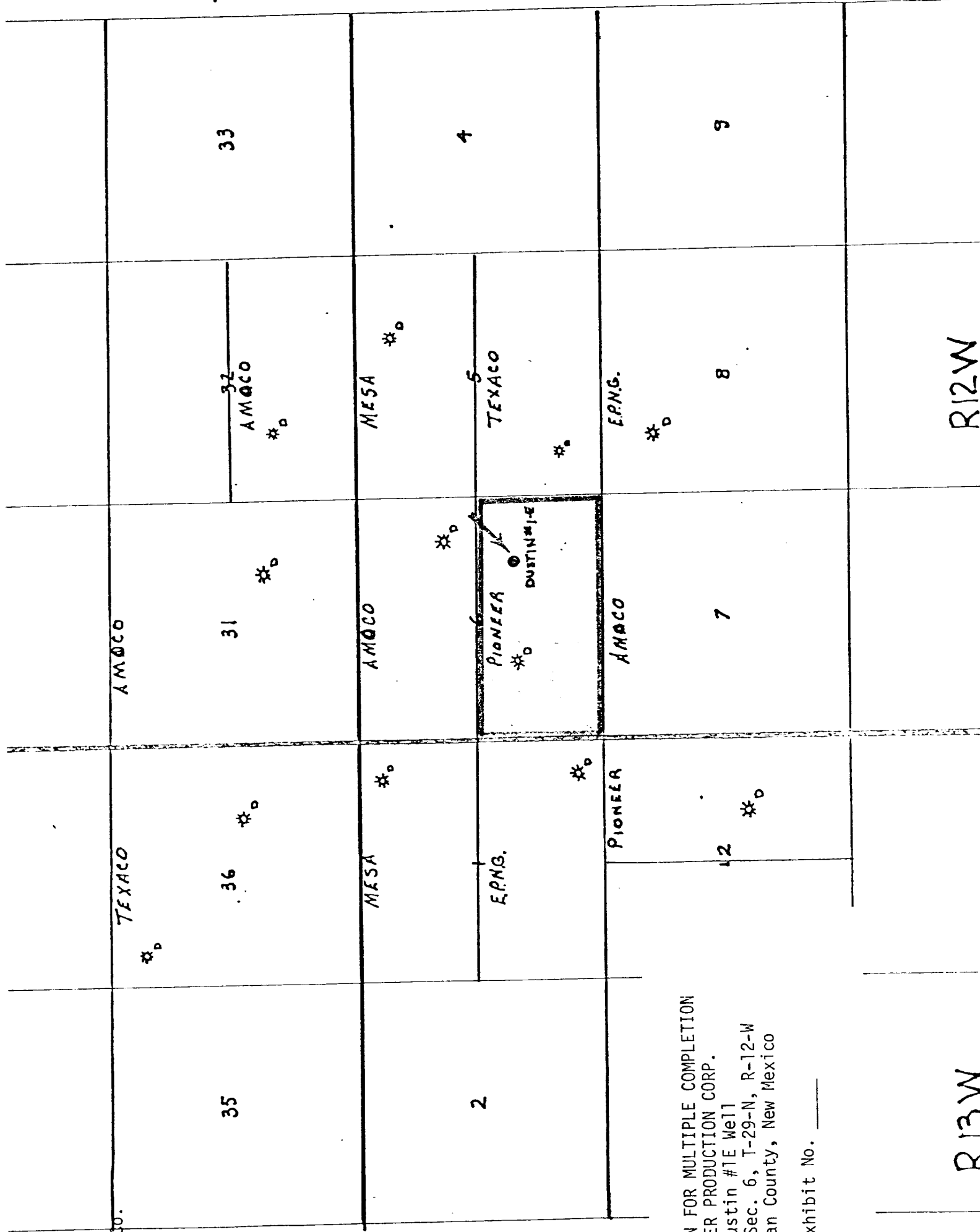
Paso Natural Gas Co.
Box 1492
Paso, TX 79978

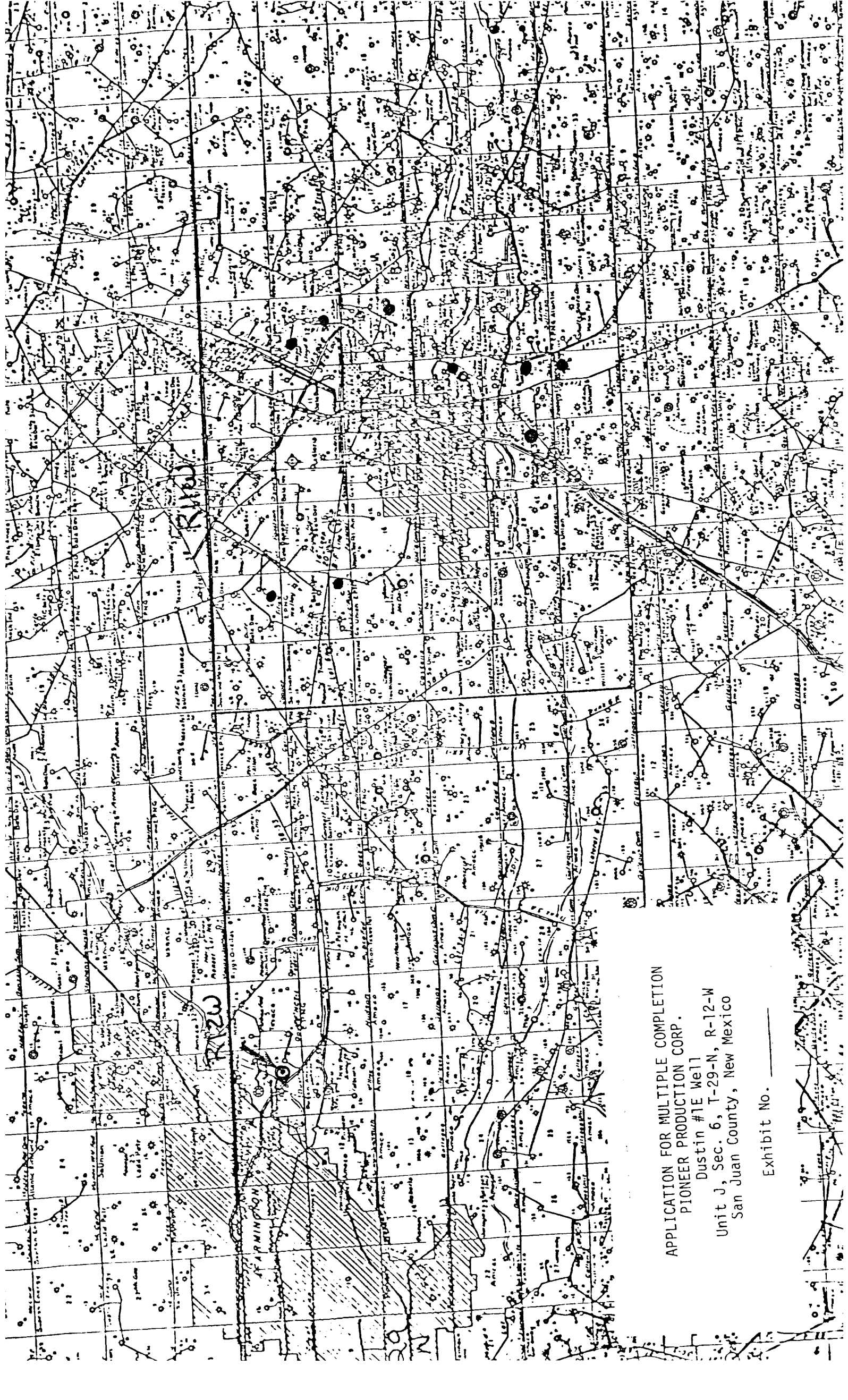
noco Production Co.
1 Airport Dr.
mington, NM 87401

exaco, Inc.
O Box 2100
enver, CO 80201

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