



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop

Cabinet Secretary

Mark E. Fesmire, P.E.

Director

Oil Conservation Division

September 17, 2004

Department of Taxation and Revenue
P.O. Box 630
Santa Fe, New Mexico 87509-0630

Attention: Ms. Jan Goodwin, Secretary

Re: Certification of a Positive Production Response
Chesapeake Energy Corporation
West Teas Yates Seven Rivers Unit Waterflood Project

Dear Secretary Goodwin:

Enclosed is a copy of a Division Certification that was issued on September 17, 2004. This document certifies that a positive production response has occurred within the West Teas Yates Seven Rivers Unit Waterflood Project that is currently operated by Chesapeake Energy Corporation. In addition, this positive production response has occurred within the five year time limit as described within the "*New Mexico Enhanced Oil Recovery Act*". The Division has determined that fifteen (15) wells within the certified area producing from the West Teas Yates-Seven Rivers Pool are eligible for the recovered oil tax rate. These wells are shown on Exhibit "A" to the Division Certification.

For your convenience, we have also enclosed a summary page showing all pertinent data. If additional information is required, please advise.

Sincerely,

Mark E. Fesmire, P.E.

Director

MEF/drc

Xc: File-EOR-50

POSITIVE PRODUCTION RESPONSE DATA
WEST TEAS YATES SEVEN RIVERS UNIT WATERFLOOD PROJECT

NAME OF PROJECT

West Teas Yates Seven Rivers Unit Waterflood Project

OPERATOR

Chesapeake Energy Corporation
P.O. Box 18496
Oklahoma City, Oklahoma 73154-0496

POOL

West Teas Yates-Seven Rivers Pool

OCD ORDER NO. APPROVING PROJECT & DATE

R-11375, May 18, 2000

PROJECT AREA

Township 20 South, Range 33 East, NMPM

Section 4: SE/4
Section 9: NE/4, NE/4 NW/4, S/2 NW/4, S/2
Section 16: N/2, N/2 SW/4, NW/4 SE/4
Section 17: E/2 NE/4, NE/4 SE/4

DATE WATER INJECTION COMMENCED

May, 2003

DATE CERTIFIED PROJECT TO TAXATION & REVENUE

June 27, 2000

DATE POSITIVE PRODUCTION RESPONSE OCCURRED

January 1, 2004

CURRENT NUMBER OF WELLS WITHIN PROJECT AREA

Injection—10
Production—15



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

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Mark E. Fesmire, P.E.

Director

Oil Conservation Division

September 17, 2004

Chesapeake Energy Corporation
P.O. Box 18496
Oklahoma City, Oklahoma 73154-0496

Attention: Mr. Greg Small

Re: Certification of Positive Production Response
West Teas Yates Seven Rivers Unit Waterflood Project

Dear Mr. Small:

Pursuant to your request dated July 30, 2004, please be advised that the Division hereby certifies that a positive production response occurred within the West Teas Yates Seven Rivers Unit Waterflood Project on January 1, 2004.

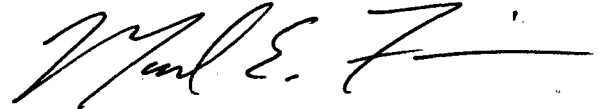
The Division has further determined that fifteen (15) wells within the subject waterflood project, described on Exhibit "A" attached hereto, are eligible for the recovered oil tax rate.

Chesapeake Energy Corporation shall notify the Division:

- (a) of the change in status of any of the producing wells shown on Exhibit "A";
- (b) in the event new producing wells are drilled within the project area; and
- (c) of changes in operations within the project area which may affect the certification and resulting tax rate granted herein.

The Division Director shall notify the Secretary of the New Mexico Taxation and Revenue Department of the certification granted herein.

Sincerely,

A handwritten signature in black ink, appearing to read 'Mark E. Fesmire', with a long horizontal stroke extending to the right.

Mark E. Fesmire, P.E.
Director

Xc: File-EOR-50

EXHIBIT "A"
CERTIFICATION OF POSITIVE PRODUCTION RESPONSE
WEST TEAS YATES SEVEN RIVERS UNIT WATERFLOOD PROJECT
PRODUCING WELLS

| <u>API NUMBER</u> | <u>WELL NAME & NUMBER</u> | <u>WELL LOCATION UL-S-T-R</u> |
|-------------------|-------------------------------|----------------------------------|
| 30-025-31857 | WTYSRU Well No. 434 | Unit O, Section 4, T-20S, R-33E |
| 30-025-35976 | WTYSRU Well No. 443 | Unit I, Section 4, T-20S, R-33E |
| 30-025-32012 | WTYSRU Well No. 444 | Unit P, Section 4, T-20S, R-33E |
| 30-025-33286 | WTYSRU Well No. 611 | Unit C, Section 16, T-20S, R-33E |
| 30-025-32779 | WTYSRU Well No. 613 | Unit L, Section 16, T-20S, R-33E |
| 30-025-01740 | WTYSRU Well No. 632 | Unit G, Section 16, T-20S, R-33E |
| 30-025-29900 | WTYSRU Well No. 922 | Unit F, Section 9, T-20S, R-33E |
| 30-025-29861 | WTYSRU Well No. 923 | Unit K, Section 9, T-20S, R-33E |
| 30-025-31718 | WTYSRU Well No. 931 | Unit B, Section 9, T-20S, R-33E |
| 30-025-31035 | WTYSRU Well No. 932 | Unit G, Section 9, T-20S, R-33E |
| 30-025-30239 | WTYSRU Well No. 933 | Unit J, Section 9, T-20S, R-33E |
| 30-025-32517 | WTYSRU Well No. 942 | Unit H, Section 9, T-20S, R-33E |
| 30-025-33004 | WTYSRU Well No. 943 | Unit I, Section 9, T-20S, R-33E |
| 30-025-33295 | WTYSRU Well No. 944 | Unit P, Section 9, T-20S, R-33E |
| 30-025-36412 | WTYSRU Well No. 946 | Unit A, Section 9, T-20S, R-33E |



July 30, 2004

Greg Small
Tax Manager

RECEIVED

AUG 02 2004

OIL CONSERVATION
DIVISION

VIA CERTIFIED MAIL: (7003 0500 0005 0067 2548)

Mr. David Catanach
New Mexico Energy Minerals & Natural Resources Department
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505

Re: West Teas Yates Seven Rivers Unit Waterflood
Enhanced Oil Recovery – positive production response

Dear Mr. Catanach:

This letter is in regards to the above referenced enhanced oil recovery project. The enclosed documents support that a positive production response has resulted. Enclosed is a copy of the Oil Conservation Division's ("OCD") approval of the enhanced oil recovery project, a plat of the affected area showing all wells with completion dates, and production graphs and supporting data demonstrating a positive production response as requested by the OCD rulebook. This information is being sent to certify this positive production response for the West Teas Yates Seven Rivers Unit Waterflood project.

If you should have any questions regarding this matter, please call me at (405) 879-9372.

Sincerely,

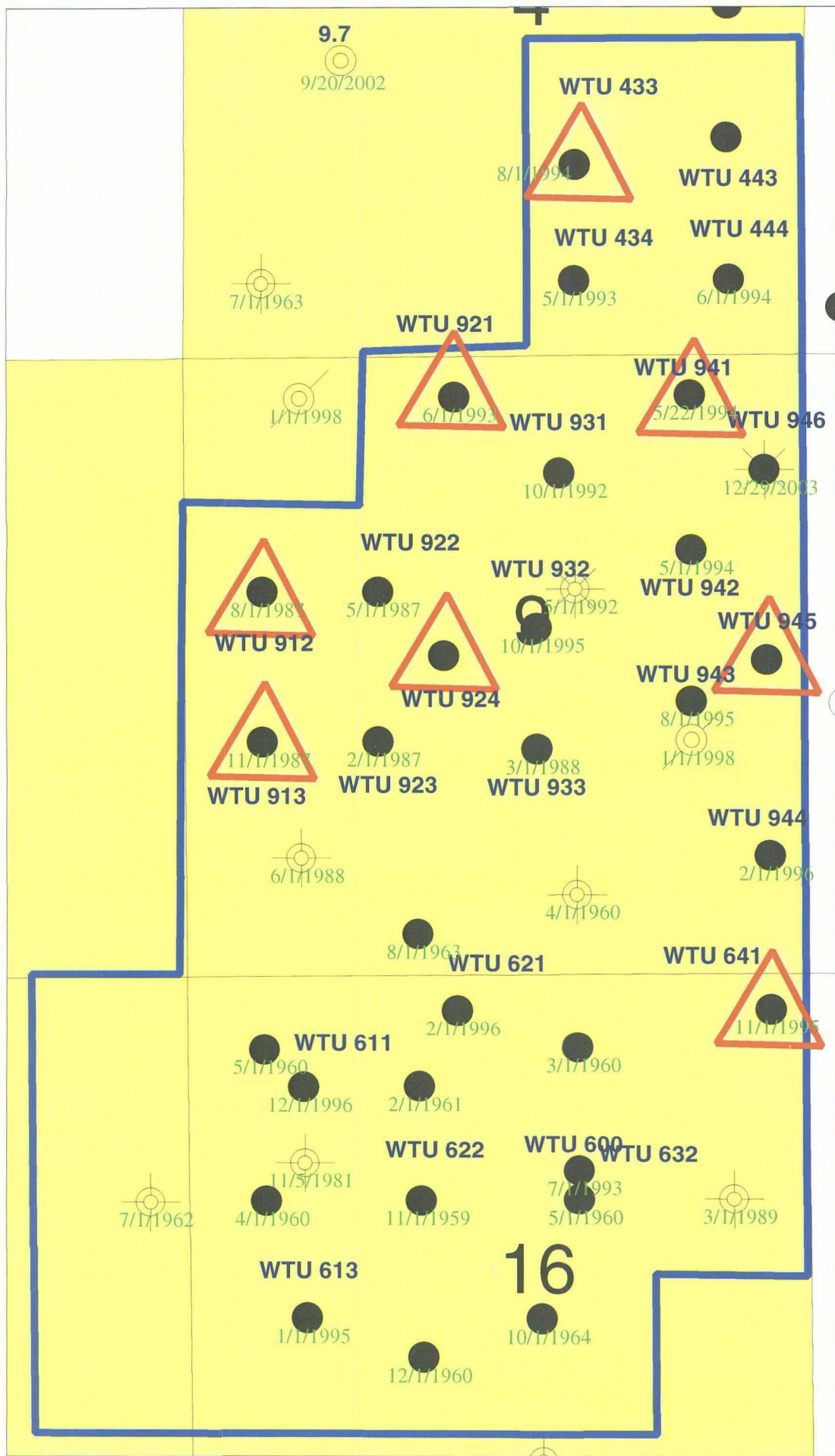
Greg Small





GS: tjg


Chesapeake Energy Corporation

6100 N. Western Ave. • Oklahoma City, OK 73118 • P.O. Box 18496 • Oklahoma City, OK 73154-0496
405.879.9372 • fax 405.879.9526 • gsmall@chkenergy.com

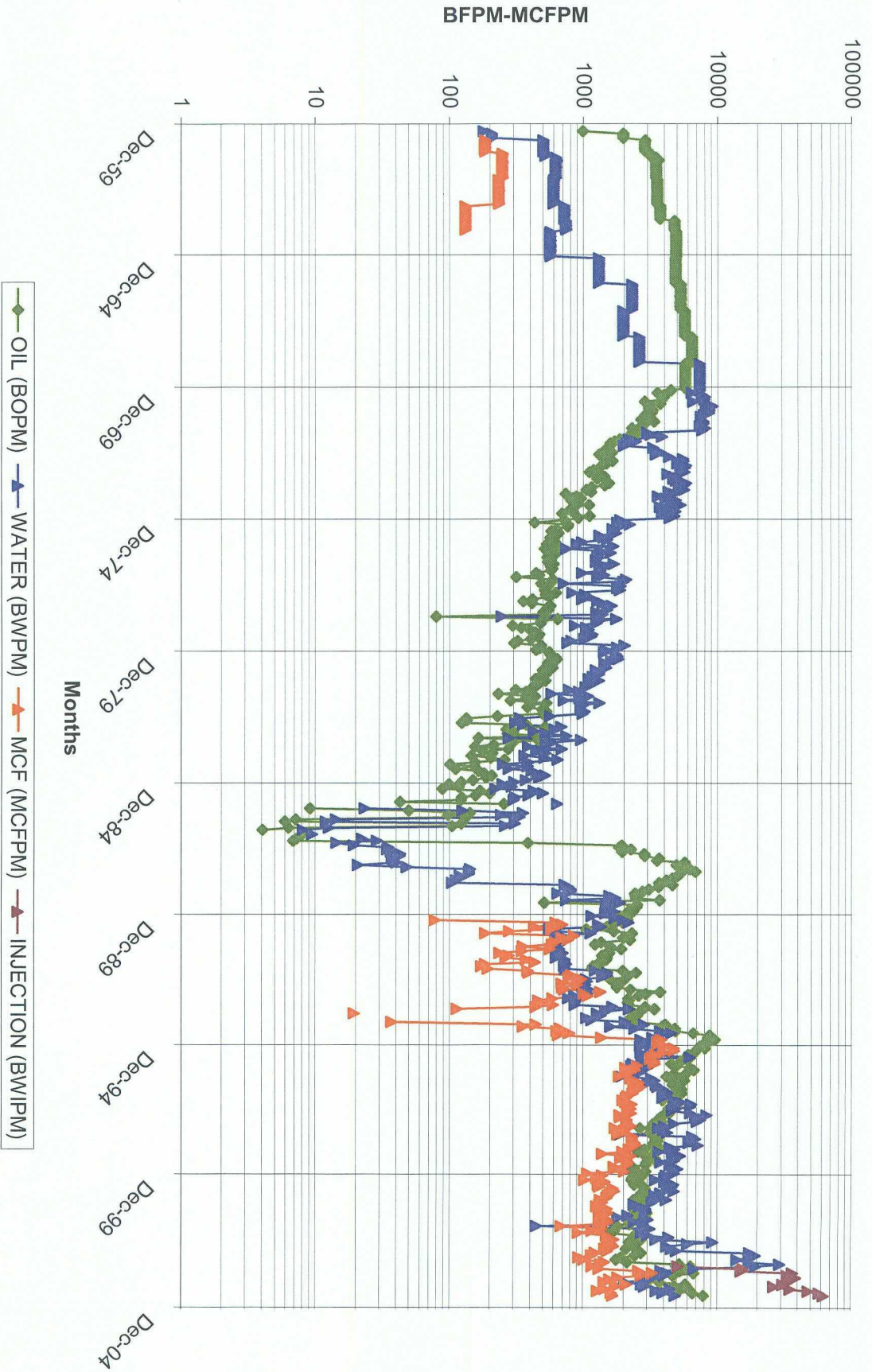
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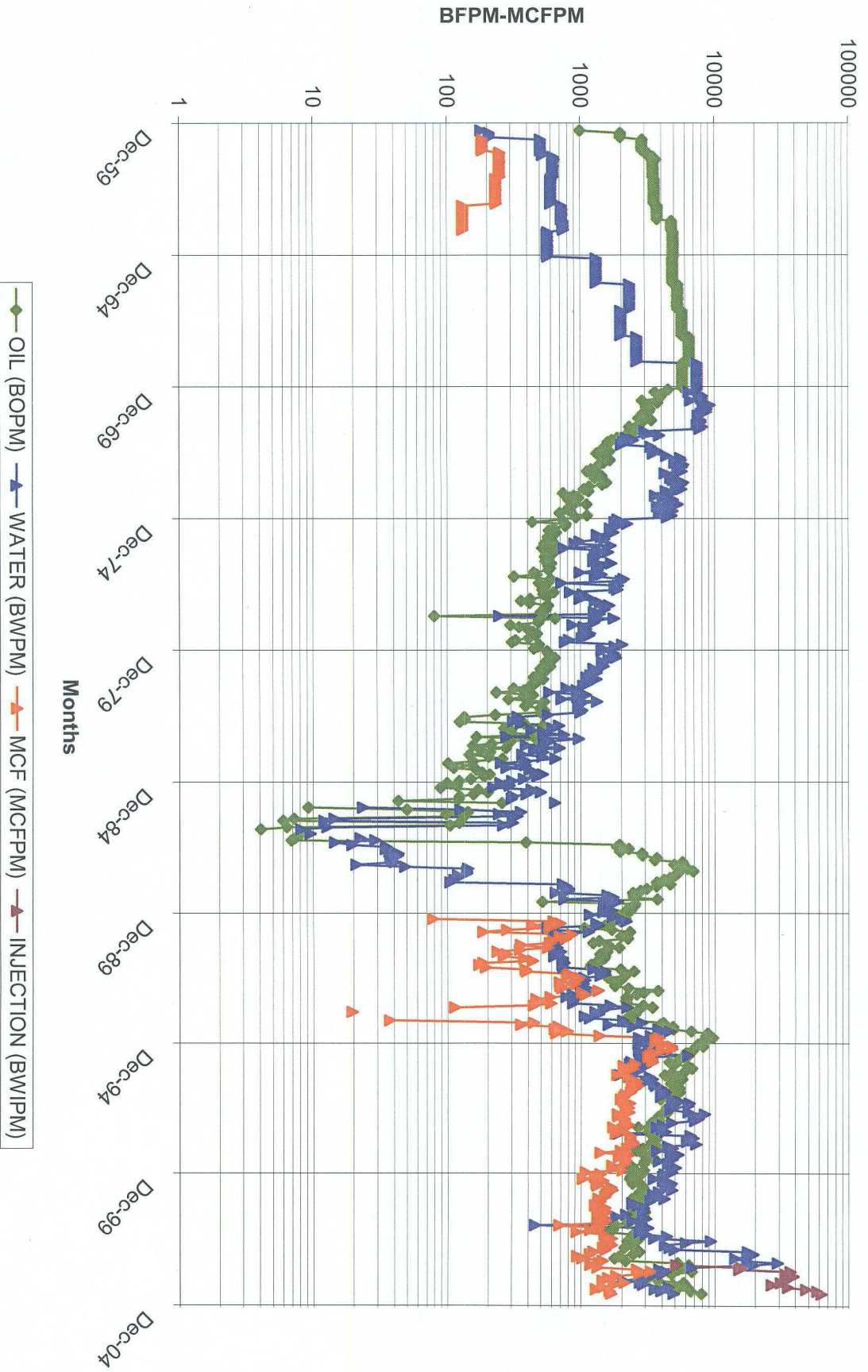
-  WATER FLOOD UNITS
-  YATES INJECTORS
-  COI ACREAGE
-  COMPLETION DATES

| | |
|---|-----------------------------------|
|  | CHESAPEAKE OPERATING, INC. |
| WEST TEAS WATERFLOOD Lea County, New Mexico | |
| Date: 20 July, 2004 | Geol/Eng: DB / BL / AM |

WTU



WTU



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

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

APPLICATION OF FALCON CREEK RESOURCES, INC. -
FOR AUTHORITY TO INJECT WATER INTO SIX WELLS
IN THE PROPOSED TEAS (YATES - SEVEN RIVERS)
UNIT WATERFLOOD PROJECT AREA, LEA COUNTY,
NEW MEXICO.

Case No. 12272

APPLICATION OF FALCON CREEK RESOURCES, INC.
FOR STATUTORY UNITIZATION, LEA COUNTY, NEW
MEXICO.

Case No. 12331

APPLICATION OF FALCON CREEK RESOURCES, INC.
FOR APPROVAL OF A WATERFLOOD PROJECT AND
QUALIFICATION FOR THE RECOVERED OIL TAX RATE
PURSUANT TO THE ENHANCED OIL RECOVERY ACT,
LEA COUNTY, NEW MEXICO.

Case No. 12332

Order No. R-11375

ORDER OF THE DIVISION

BY THE DIVISION:

These cases came on for hearing at 8:15 a.m. on February 17, 2000, at Santa Fe, New Mexico, before Examiner Michael E. Stogner.

NOW, on this 18th day of May, 2000, the Division Director, having considered the testimony, the record and the recommendations of the Examiner,

FINDS THAT:

(1) Due public notice has been given and the Division has jurisdiction of these cases and their subject matter.

(2) Case No. 12272 was advertised as Falcon Creek Resources, Inc. ("Falcon Creek") seeking "...approval to inject water into the Yates and Seven Rivers formations,

West Teas-Yates Seven Rivers Pool, through 6 wells in its proposed Teas-Yates Seven Rivers Unit Waterflood Unit Waterflood Seven Rivers Pool, located in the following area:

LEA COUNTY, NEW MEXICO
TOWNSHIP 20 SOUTH, RANGE 33 EAST, NMPPM

| | |
|-------------|--------|
| Section 4: | SE/4 |
| Section 9: | N/2 |
| Section 16: | NE/4." |

(3) In Case No. 12331 Falcon Creek seeks the statutory unitization pursuant to the "Statutory Unitization Act," Sections 70-7-1 through 70-7-21, NMSA 1978, to establish a secondary recovery project, of all mineral interests in the designated and Undesignated West Teas Yates-Seven Rivers Pool in an area comprising 1320.00 acres, more or less, of state, federal, and fee lands in Lea County, New Mexico; this unitized area to henceforth be known as the West Teas (Yates-Seven Rivers) Unit Area. The applicant further seeks approval of the "Unit Agreement" and "Unit Operating Agreement," that were admitted in evidence at the time of the hearing as applicant's Exhibits No. 3 and 4.

(4) In Case No. 12332 Falcon Creek seeks authority:

(a) to institute a waterflood project in its proposed West Teas (Yates-Seven Rivers) Unit Area by the injection of water into the designated and Undesignated West Teas Yates-Seven Rivers Pool through the gross perforated interval from approximately 3100 feet to 3400 feet in six wells to be converted from producing oil wells to injectors, as further described in attached Exhibit "A"; and

(b) to qualify this project for the recovered oil tax rate pursuant to the "New Mexico Enhanced Oil Recovery Act," Sections 7-29A-1 through 7-29A-5, NMSA 1978.

(5) The applicant proposes that the aforementioned West Teas (Yates-Seven Rivers) Unit Area comprise the following described area in Lea County, New Mexico:

TOWNSHIP 20 SOUTH, RANGE 33 EAST, NMPPM

| | |
|-------------|------------------------------------|
| Section 4: | SE/4 |
| Section 9: | NE/4, NE/4 NW/4, S/2 NW/4, and S/2 |
| Section 16: | N/2, N/2 SW/4, and NW/4 SE/4 |
| Section 17: | E/2 NE/4 and NE/4 SE/4. |

| | | |
|-----------------------|------------------|---------------|
| <i>Federal lands:</i> | <i>720 acres</i> | <i>54.55%</i> |
| <i>State lands:</i> | <i>520 acres</i> | <i>39.39%</i> |
| <i>Fee lands:</i> | <i>80 acres</i> | <i>6.06%</i> |

(6) The application in Case No. 12272 contains so many errors so as to render it incomprehensible. However, according to the applicant, this case is a duplicate of Division Case No. 12332, and Falcon Creek requested at the hearing to dismiss Case No. 12272.

(7) Division Case No. 12272 should be dismissed.

(8) At the request of the applicant, Division Cases No. 12331 and 12332 were consolidated at the time of hearing for the purpose of presenting evidence.

(9) The vertical limits for the proposed unit include that stratigraphic interval underlying the West Teas (Yates-Seven Rivers) Unit Area found between the top of the Yates formation and the base of the Seven Rivers Formation. The top of the Yates formation is defined as all points underlying the unit area correlative to the depth of 3,062 feet, and the base of the Seven Rivers formation is defined as all points underlying the unit area correlative to the depth of 3,358 feet, as said depths are identified on the Compensated Neutron/Litho-Density Log for the Olsen Energy, Inc. Snyder-State Well No. 1 (API No. 30-025-30543), located 1980 feet from the North line and 660 feet from the East line (Unit H) of Section 16, Township 20 South, Range 33 East, NMPM, Lea County, New Mexico.

(10) The West Teas (Yates-Seven Rivers) Unit Area contains eighteen (18) separate tracts owned by approximately nine (9) different working interest owners. There are eleven (11) royalty owners and ten (10) overriding royalty owners in the proposed unit area.

(11) At the time of hearing, the owners of approximately 98 % of the working interests, and the owners of over 80 % of the royalty and overriding royalty interests, had voluntarily joined in the proposed unitization. The 80% royalty owner approval includes federal lands owned by the United States. The U. S. Bureau of Land Management has indicated its preliminary approval by designating the unit as logical for conducting secondary recovery operations, and the New Mexico Commissioner of Public Lands, acting on behalf of the state's trust lands, has preliminarily approved the proposed unitization.

(12) Applicant has conducted negotiations with interest owners within the proposed unit area for over one year. Therefore, the applicant has made a good faith effort to secure voluntary unitization within the above-described unit area.

(13) All interested parties who have not agreed to unitization were notified of the hearing by applicant. At the hearing in this matter, no party appeared or otherwise objected to this application.

(14) The wells currently producing within the proposed project area are in an advanced state of depletion and can properly be classified as "stripper wells."

(15) Falcon Creek proposes to institute a waterflood project at the expected cost of \$3.4 million for the secondary recovery of oil and associated gas, condensate, and all associated liquid hydrocarbons within and to be produced from the proposed West Teas (Yates-Seven Rivers) Unit Area. As a result of implementing waterflood operations, the applicant estimates that 2.1 million barrels of oil will ultimately be recovered from the project area that would otherwise not be recovered, thereby preventing waste.

(16) The unitized management, operation and further development of the West Teas (Yates-Seven Rivers) Unit Area, as proposed, is reasonable and necessary to effectively increase the ultimate recovery of oil and gas from the unit area.

(17) The estimated additional cost of the proposed unitized operations within the West Teas (Yates-Seven Rivers) Unit Area will not exceed the estimated value of the additional oil and gas plus a reasonable profit.

(18) The participation formulas contained in the Unitization Agreement allocate the produced and saved unitized substances to the separately owned tracts in the West Teas (Yates-Seven Rivers) Unit Area on a fair, reasonable, and equitable basis.

(19) Unitization and the adoption of the proposed unitized methods of operation will benefit the working interest owners and the royalty interest owners of the oil and gas rights within the unit area.

(20) The Unit Agreement and Unit Operating Agreement, as applied to the West Teas (Yates-Seven Rivers) Unit Area, provide for unitization and unit operation of the unit area upon terms and conditions that are fair, reasonable, and equitable, which include:

- (a) a participation formula that will result in fair, reasonable and equitable allocation to the separately owned tracts of the West Teas (Yates-Seven Rivers) Unit Area of all oil and gas that is produced from the West Teas

(Yates-Seven Rivers) Unit Area and that is saved, being the production that is (i) not used in the conduct of unit operations, or (ii) unavoidably lost;

- (b) a provision for the credits and charges to be made in the adjustment among the owners in the unit area for their respective investments in wells, tanks, pumps, machinery, materials and equipment contributed to the unit operations;
- (c) a provision governing how the costs of unit operations, including capital investments, will be determined and charged to the separately owned tracts and how said costs shall be paid, including a provision providing when, how, and by whom the unit production allocated to an owner who does not pay the share of the costs of unit operations charged to that owner or the interest of that owner may be sold and the proceeds applied to the payment of the costs;
- (d) a provision for carrying any working interest owner on a limited or carried basis, payable out of production, upon terms and conditions that are just and reasonable, and that allow an appropriate charge for interest for such service payable out of production;
- (e) a provision designating the operator of the unit and providing for the supervision and conduct of the unit operations, including the selection, removal or substitution of an operator from among the working interest owners to conduct the unit operations;
- (f) a provision for a voting procedure for the decision of matters to be decided by the

working interest owners in respect to which each working interest owner shall have a voting interest equal to its unit participation; and

- (g) a provision specifying the time when the unit operations shall commence and the manner in which, and the circumstances under which, the unit operations shall terminate and for the settlement of accounts upon such termination.

(21) The statutory unitization of the West Teas (Yates-Seven Rivers) Unit Area is in conformity with the above findings, will protect the correlative rights of all owners of interest within the proposed unit area, and should be approved.

(22) The operator of the proposed West Teas (Yates-Seven Rivers) Unit Waterflood Project should take all steps necessary to ensure that the injected water enters and remains confined to the proposed injection interval and is not permitted to escape from that interval and migrate into other formations or onto the surface from injection, production, or plugged and abandoned wells.

(23) Injection should be accomplished through plastic-lined tubing installed in a packer set within 100 feet of the upper-most injection perforations; the casing-tubing annulus in each well should be filled with an inert fluid and equipped with an approved gauge or leak detection device.

(24) Before injection operations begin, each injection well should be pressure tested throughout the interval from the surface down to the proposed upper-most perforation to ensure the mechanical integrity of each well.

(25) At the hearing the applicant requested a maximum injection pressure of 1200 psi, which is in excess of the State's standard 0.2 pound per foot of depth from the surface to the top-most injection perforation. The applicant did not support this request with adequate technical data; therefore, this request will be decided on a well-by-well basis.

(26) The injection wells or pressurization system should be so equipped as to limit injection pressure at the wellhead to no more than 0.2 pound per foot of depth from the surface to the top-most injection perforation; however, the Division Director should have the authority to administratively authorize a pressure limitation in excess of the pressure limitation described above upon a showing by the operator that such higher pressure will not

result in the fracturing of the injection formation or confining strata.

(27) The operator should give advanced notification to the supervisor of the Hobbs District Office of the Division of the date and time of the installation of injection equipment and of the mechanical integrity pressure tests in order that the same may be witnessed.

(28) The proposed waterflood project should be approved and the project should be governed by the provisions of Division Rules No. 701 through 708.

(29) The applicant further requests that the subject waterflood project be approved by the Division as a qualified Enhanced Oil Recovery Project ("EOR") pursuant to the "New Mexico Enhanced Oil Recovery Act," Sections 7-29A-1 through 7-29A-5, NMSA 1978.

(30) The evidence presented indicates that the subject waterflood project meets all criteria for certification.

(31) The approved project area should initially comprise the area described in Finding Paragraph No. (5) above.

(32) To be eligible for the EOR tax rate, prior to commencing injection operations the operator must request from the Division a Certificate of Qualification, which certificate will specify the proposed project area as described above.

(33) At such time as a positive production response occurs and within five years from the date of the Certificate of Qualification, the operator must apply to the Division for certification of a positive production response, which application shall identify the area actually benefiting from enhanced recovery operations and identify the specific wells the operator believes are eligible for the EOR tax rate. The Division may review the application administratively or set it for hearing. Based upon evidence presented, the Division will certify to the Department of Taxation and Revenue those lands and wells that are eligible for the EOR tax rate.

(34) The injection authority granted herein for any injection well should terminate one year after the effective date of this order if the operator has not commenced injection operations into the well, provided however the Division, upon written request by the operator, may grant an extension thereof for good cause shown.

IT IS THEREFORE ORDERED THAT:

(1) The application of Falcon Creek Resources, Inc. ("Falcon Creek") in Division Case No. 12331 for statutory unitization of the West Teas (Yates-Seven Rivers) Unit, covering 1320.00 acres, more or less, of state, federal and fee lands in the designated and Undesignated West Teas (Yates-Seven Rivers) Pool, Lea County, New Mexico, is hereby approved for the purpose of establishing a waterflood project, pursuant to the "Statutory Unitization Act," Sections 70-7-1 through 70-7-21, NMSA 1978.

(2) The West Teas (Yates-Seven Rivers) Unit Agreement and the West Teas (Yates-Seven Rivers) Unit Operating Agreement, which were submitted to the Division at the time of hearing as Exhibits No. 3 and 4, respectively, are hereby incorporated by reference into this order.

(3) The area designated the West Teas (Yates-Seven Rivers) Unit Area shall comprise the following described acreage in Lea County, New Mexico:

TOWNSHIP 20 SOUTH, RANGE 33 EAST, NMPM

| | |
|-------------|------------------------------------|
| Section 4: | SE/4 |
| Section 9: | NE/4, NE/4 NW/4, S/2 NW/4, and S/2 |
| Section 16: | N/2, N/2 SW/4, and NW/4 SE/4 |
| Section 17: | E/2 NE/4 and NE/4 SE/4. |

| | | |
|------------------------------|-------------------------|----------------------|
| <i>Federal lands:</i> | <i>720 acres</i> | <i>54.55%</i> |
| <i>State lands:</i> | <i>520 acres</i> | <i>39.39%</i> |
| <i>Fee lands:</i> | <i>80 acres</i> | <i>6.06%</i> |

(4) The vertical limits of the above-described West Teas (Yates-Seven Rivers) Unit Area shall include that stratigraphic interval from the top of the Yates formation to the base of the Seven Rivers formation. The top of the Yates formation is defined as all points underlying the unit area correlative to the depth of 3,062 feet, and the base of the Seven Rivers formation is defined as all points underlying the unit area correlative to the depth of 3,358 feet, as said depths are identified on the Compensated Neutron/Litho-Density Log for the Olsen Energy, Inc. Snyder-State Well No. 1 (API No. 30-025-30543), located 1980 feet from the North line and 660 feet from the East line (Unit H) of Section 16, Township 20 South, Range 33 East, NMPM, Lea County, New Mexico.

(5) Since persons owning the required statutory minimum percentage of interest in the unit area have approved, ratified, or indicated their preliminary approval of the Unit

Agreement and the Unit Operating Agreement, the interests of all persons within the West Teas (Yates-Seven Rivers) Unit Area are hereby unitized whether or not such persons have approved the Unit Agreement or the Unit Operating Agreement in writing.

(6) The applicant as operator of the West Teas (Yates-Seven Rivers) Unit shall notify the Division Director in writing of the removal or substitution of the unit operator by any other working interest owner within the unit area.

IT IS FURTHER ORDERED THAT:

(7) As requested in Division Case No. 12332, Falcon Creek is hereby authorized to institute a waterflood project in the above-described West Teas (Yates-Seven Rivers) Unit Area by the injection of water into the designated and Undesignated West Teas (Yates-Seven Rivers) Pool through six wells further described in Exhibit "A," attached hereto and made a part hereof.

(8) In compliance with Division Rule 701.G (3), the waterflood project area, for allowable and tax credit purposes, shall comprise the following described 1320.00 acres in Lea County, New Mexico:

TOWNSHIP 20 SOUTH, RANGE 33 EAST, NMPM

| | |
|-------------|------------------------------------|
| Section 4: | SE/4 |
| Section 9: | NE/4, NE/4 NW/4, S/2 NW/4, and S/2 |
| Section 16: | N/2, N/2 SW/4, and NW/4 SE/4 |
| Section 17: | E/2 NE/4 and NE/4 SE/4. |

(9) The applicant shall take all steps necessary to ensure that the injected water enters and remains confined to the proposed injection interval and is not permitted to escape to other formations or onto the surface from injection, production, or plugged and abandoned wells.

(10) Injection shall be accomplished through plastic-lined tubing installed in a packer set within 100 feet of the upper-most injection perforations; the casing-tubing annulus in each well shall be filled with an inert fluid and equipped with an approved gauge or leak detection device.

(11) The six water injection wells, as described in Exhibit "A," or their pressurization system shall be so equipped as to limit injection pressure at the wellhead to no more than 0.2 pound per foot of depth from the surface to the top-most injection perforation.

(12) The Division Director shall have the authority to administratively authorize a pressure limitation in excess of the pressure limitation described above upon a showing by the operator that such higher pressure will not result in the fracturing of the injection formation or confining strata.

(13) Before injection operations begin, each injection well shall be pressure tested throughout the interval from the surface down to the proposed upper-most perforation to ensure the mechanical integrity of each well.

(14) The operator shall give advanced notification to the supervisor of the Division's Hobbs District Office of the date and time of the installation of injection equipment and of the mechanical integrity pressure tests in order that the same may be witnessed.

(15) The operator shall immediately notify the supervisor of the Division's Hobbs District Office of the failure of the tubing, casing, or packer assembly in any of the injection wells, or the leakage of water or oil from any producing well or any plugged and abandoned well within the project area, and shall take such steps as may be timely and necessary to correct such failure or leakage.

(16) The applicant shall conduct injection operations in accordance with Division Rules No. 701 through 708 and shall submit monthly progress reports in accordance with Division Rules No. 706 and 1115.

(17) The applicant is authorized to drill or convert to injection the six wells listed on Exhibit "A" attached hereto.

(18) The injection authority granted herein for any of the six wells shall terminate one year after the effective date of this order if the operator has not commenced injection operations into the well provided however the Division, upon written request by the operator, may grant an extension thereof for good cause shown.

FURTHERMORE:

(19) This waterflood project is hereby approved as an Enhanced Oil Recovery Project ("EOR Project") pursuant to the "New Mexico Enhanced Oil Recovery Act," Sections 7-29A-1 through 7-29A-5, NMSA 1978.

(20) To be eligible for the EOR tax rate, prior to commencing injection operations the operator must request from the Division a Certificate of Qualification, which certificate will specify the proposed project area as described above.

(21) At such time as a positive production response occurs and within five years from the date of the Certificate of Qualification, the operator must apply to the Division for certification of a positive production response, which application shall identify the area actually benefiting from enhanced recovery operations and identify the specific wells the operator believes are eligible for the EOR tax rate. The Division may review the application administratively or set it for hearing. Based upon evidence presented, the Division will certify to the Department of Taxation and Revenue those lands and wells that are eligible for the EOR tax rate.

FURTHERMORE:

(22) The application of Falcon Creek Resources, Inc. in Division Case No. 12272 for "approval to inject water into the Yates and Seven Rivers formations, West Teas-Yates Seven Rivers Pool, through six wells in its proposed Teas-Yates Seven Rivers Unit Waterflood Unit Waterflood Seven Rivers Pool, located in the following area, is hereby dismissed:

LEA COUNTY, NEW MEXICO
TOWNSHIP 20 SOUTH, RANGE 33 EAST, NMPM

| | |
|-------------|--------|
| Section 4: | SE/4 |
| Section 9: | N/2 |
| Section 16: | NE/4". |

(23) Jurisdiction of this case is retained for the entry of such further orders as the Division may deem necessary.

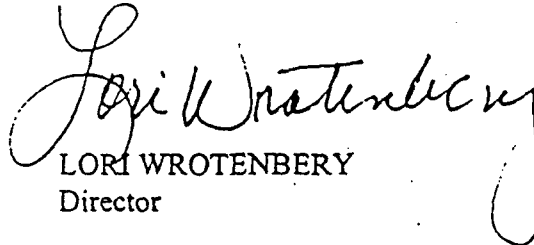
Case Nos. 12272, 12331-32

Order No. R-11375

Page 12

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

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION


LORI WROTENBERY
Director

SEAL

EXHIBIT "A"
DIVISION ORDER NO. R-11375
West Teas (Yates - Seven Rivers) Unit Waterflood Project
Township 20 South, Range 33 East, NMPM, Lea County, New Mexico
Approved Injection Wells

| Well Name Well Number (API Number) | Footage Location | Unit | Section | Injection Perforations (Feet) | Packer Depth (Feet) | Tubing Size (Inch) | Maximum Injection Pressure (psia) |
|---|-----------------------|------|---------|-------------------------------------|---------------------------|--------------------------|--|
| Anasazi "4" State Well No. 3 (API No. 30-025-32032) | 1650' FSL & 1980' FEL | J | 4 | 3230 - 3426 | 3130 | 2 - 7/8 | 646 |
| Scharbauer "4" Well No. 3 (API No. 30-025-32102) | 660' FS & EL | P | 4 | 3104 - 3312 | 3000 | 2 - 3/8 | 621 |
| Federal "9" Well No. 3 (API No. 30-025-31896) | 330' FNL & 2310' FWL | C | 9 | 3147 - 3409 | 3050 | 2 - 3/8 | 630 |
| Barber Federal Well No. 2 (API No. 30-025-29971) | 1980' FNL & 660' FWL | E | 9 | 3138 - 3374 | 3030 | 2 - 3/8 | 628 |
| Federal "9" Well No. 6 (API No. 30-025-32517) | 1650' FNL & 990' FEL | H | 9 | 3060 - 3260 | 2950 | 2 - 3/8 | 612 |
| State "BF" Well No. 4 (API No. 30-025-33144) | 330' FN & EL | A | 16 | 3150 - 3361 | 3050 | 2 - 7/8 | 630 |

RBDMS New Mexico 2004

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API Well Number :

OGRID Name :

Property Name :

Pool Name :

County :

Well Type :

Well Status :

Permit :

Section

Land

Township

Dir.

Range

Dir.

Company



Inspection



Well Master

Scheduler

Mech. Int. Tests

Well History

Data Action

Inactive Detail

Env. Inspections

Admin Permits

Inactive Mt.

Incidents



Hearing Orders

R

U

G

I

S

Pool Master

Compliance

Surf Facilities

Close all
Functions
and Exit
RBDMS

Clear Criteria Fields

Apply Selection Criteria

 Make User Table for
Group Inspection, 'Sync',
Schedule Prevent, Etc!


| API WELL # | Well # | Op | Ty | Stat | Cou | Surf | UL | Sec | Twp | N/S | Rn | W/E | Feet | NS | Ft | EW | Last Insp |
|--------------------|--------|----|----|------|-----|------|----|-----|-----|-----|----|-----|------|----|------|----|-----------|
| 30-025-01740-00-00 | W 632 | C | O | A | Lea | S | G | 16 | 20 | S | 33 | E | 1980 | N | 1980 | E | 8/7/2003 |
| 30-025-01743-00-00 | W 622 | C | O | A | Lea | S | F | 16 | 20 | S | 33 | E | 1980 | N | 1980 | W | 8/7/2003 |
| 30-025-29861-00-00 | W 923 | C | O | A | Lea | F | K | 9 | 20 | S | 33 | E | 1980 | S | 1650 | W | 7/20/2004 |
| 30-025-29900-00-00 | W 922 | C | O | A | Lea | F | F | 9 | 20 | S | 33 | E | 1980 | N | 1650 | W | 7/20/2004 |
| 30-025-30239-00-00 | W 933 | C | O | A | Lea | F | J | 9 | 20 | S | 33 | E | 1980 | S | 2310 | E | 7/20/2004 |
| 30-025-31035-00-00 | W 932 | C | O | A | Lea | F | G | 9 | 20 | S | 33 | E | 2310 | N | 2310 | E | 7/20/2004 |
| 30-025-31718-00-00 | W 931 | C | O | A | Lea | F | B | 9 | 20 | S | 33 | E | 990 | N | 2110 | E | 7/20/2004 |
| 30-025-31857-00-00 | W 434 | C | O | A | Lea | P | O | 4 | 20 | S | 33 | E | 660 | S | 1980 | E | 7/20/2004 |
| 30-025-32012-00-00 | W 444 | C | O | A | Lea | S | P | 4 | 20 | S | 33 | E | 660 | S | 660 | E | 7/20/2004 |
| 30-025-32517-00-00 | W 942 | C | O | A | Lea | F | H | 9 | 20 | S | 33 | E | 1650 | N | 990 | E | 7/20/2004 |
| 30-025-32779-00-00 | W 613 | C | O | A | Lea | S | L | 16 | 20 | S | 33 | E | 2310 | S | 990 | W | 8/7/2003 |
| 30-025-33004-00-00 | W 943 | C | O | A | Lea | F | I | 9 | 20 | S | 33 | E | 2310 | S | 990 | E | 7/20/2004 |
| 30-025-33286-00-00 | W 611 | C | O | A | Lea | S | C | 16 | 20 | S | 33 | E | 330 | N | 2310 | W | 8/7/2003 |
| 30-025-33295-00-00 | W 944 | C | O | A | Lea | F | P | 9 | 20 | S | 33 | E | 990 | S | 990 | E | 8/7/2003 |
| 30-025-33697-00-00 | W 621 | C | O | A | Lea | S | D | 16 | 20 | S | 33 | E | 990 | N | 990 | W | 8/7/2003 |
| 30-025-35976-00-00 | W 443 | C | O | A | Lea | S | I | 4 | 20 | S | 33 | E | 1855 | S | 660 | E | 7/23/2004 |
| 30-025-36412-00-00 | W 946 | C | O | A | Lea | F | A | 9 | 20 | S | 33 | E | 990 | N | 330 | E | 7/20/2004 |



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop

Cabinet Secretary

August 31, 2004

Mark E. Fesmire, P.E.

Director

Oil Conservation Division

Chesapeake Energy Corporation
P.O. Box 18496
Oklahoma City, Oklahoma 73154-0496

Attention: Mr. Greg Small

Re: Positive Production Response
West Teas Yates Seven Rivers Unit
Waterflood Project


Dear Mr. Small:

I have reviewed your application dated July 30, 2004 to certify a positive production response within the West Teas Yates Seven Rivers Unit Waterflood Project. In order to process your application, additional information will be required. Please submit the following items, at which time your application will be processed:

- (a) monthly production data in tabular form for the period from January, 2001 through July, 2004 (production data from January, 2004 through June, 2004 was submitted with your application.)
- (b) a production graph (large scale) showing detailed unit production from December, 1999 through July, 2004;
- (c) a list of active producing wells within the unit that you want qualified for the recovered oil tax rate; and
- (d) Chesapeake's estimated time (month/year) in which the positive production response initially occurred.

If you should have any questions, please contact me at (505) 476-3466 or E-mail me at dcatanach@state.nm.us.

Sincerely,



David Catanach

Catanach, David

From: Tim Gallegly [TGallegly@chkenergy.com]
Sent: Friday, September 10, 2004 3:31 PM
To: Catanach, David
Cc: Greg Small; Heidi Henry
Subject: CHK - NM - WTU waterflood addtnl data

Mr. Catanach:

Our engineers said that we saw response form the flood in April 2003. The attached spreadsheet was sent to myself from our engineers and should detail all of the

requested information from your attached letter. Please let me know if you have any questions or concerns regarding this matter.

Thank you,
Tim Gallegly
Tax Accountant
Chesapeake Energy Corporation
Phone: 405-767-4137
Fax: 405-879-9526
Email: tgallegly@chkenergy.com

<<0604 WTU Summary.xls>> <<0292_001.pdf>>

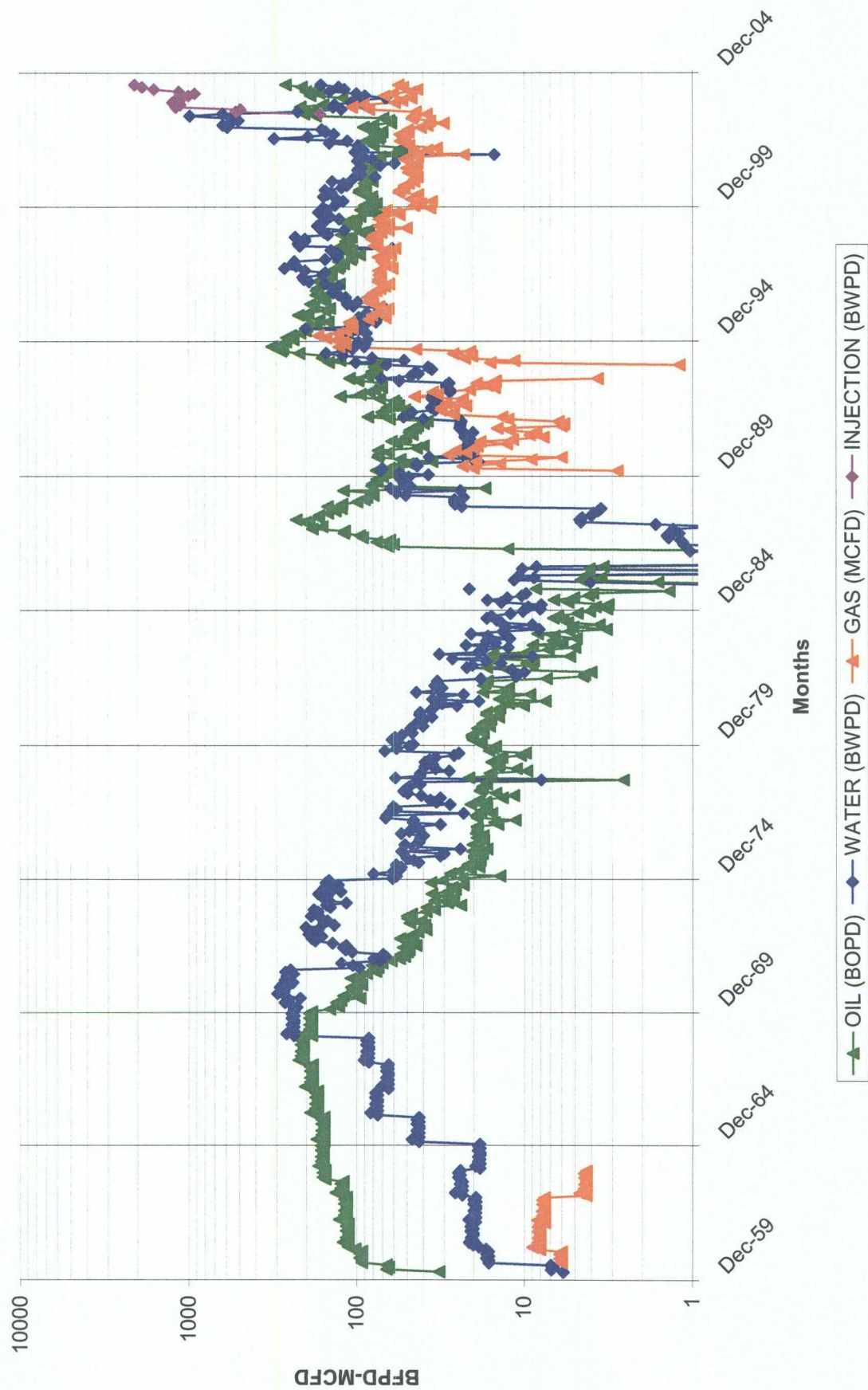
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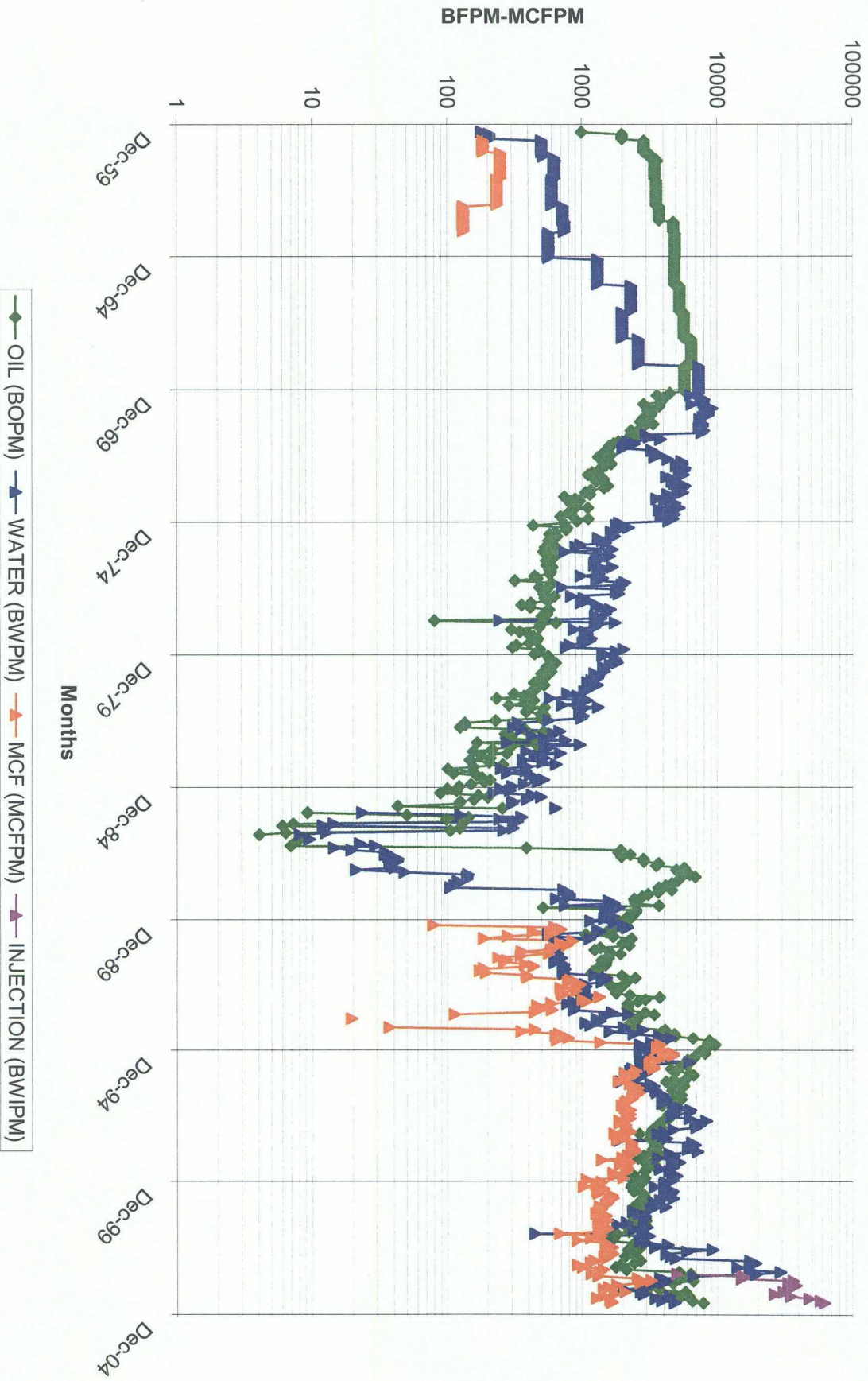
9/15/2004

[illegible]

WTU



WTU



WEST TEAS UNIT

JUNE 2004

UNIT INJECTION/SUPPLY SUMMARY

****SUPPLY****

| UNIT WELL # | ZONE | CUM. WATER SUPPLY | JUNE SUPPLY | WELLHEAD PRESSURE | REMARKS |
|------------------------|--------------|------------------------------|------------------------|------------------------------|------------------|
| 622 | Seven Rivers | 280,065 | 29,137 | | |
| 621 | Seven Rivers | 1,732 | 502 | | Seven Rivers WSW |
| 943 | Seven Rivers | 148,912 | 43,204 | | |

****SWD****

| UNIT WELL # | ZONE | CUM. WATER DISPOSAL | JUNE DISPOSAL | WELLHEAD PRESSURE | REMARKS |
|------------------------|------------------------|--------------------------------|--------------------------|------------------------------|----------------|
| 600 | Anasazi State 1-16 SWD | 128,411 | 1,673 | | |

****INJECTION****

| UNIT WELL # | LEASE NAME | CUM. WATER INJECTION | JUNE INJECTION | WELLHEAD PRESSURE | REMARKS |
|------------------------|------------------------|---------------------------------|---------------------------|------------------------------|---------------------------|
| 433 | Anasazi State 3-4 | 44,150 | 9,638 | 1,300 | |
| 443 | | - | 0 | 0 | Pumping well/Proposed inj |
| 600 | Anasazi State 1-16 SWD | - | 0 | 0 | |
| 641 | BF State 4-16 | 1,822 | 766 | 1,380 | |
| 912 | Barber Federal 2-9 | 37,001 | 4,279 | 1,280 | |
| 913 | Grover Fed 2-9 | 61,858 | 7,813 | 1,400 | |
| 921 | Federal 3-9 | 62,228 | 7,636 | 1,170 | |
| 924 | | 81,802 | 9,571 | 1,020 | |
| 941 | Federal 5-9 | 110,566 | 13,137 | 0 | |
| 945 | | 69,358 | 9,384 | 840 | |
| | | 468,785 | 62,224 | | |

Chesapeake Waterflood Project
Monthly Well Data
June-04

Monthly Production: Oil - 7,900 BOPM
Water - 1,671 BWPM
Gas - 4,864 MCF

| WELL # | WELL NAME | AVERAGE WELL TEST | | DAYS ON | ALLOCATED | | | CUMULATIVE SINCE UNITIZATION | | | COMMENTS | | Prior Cum | |
|--------|--------------------|-------------------|------|---------|-----------|-------|-------|------------------------------|-------|-------|----------|--|-----------|----|
| | | BOPD | BWPD | | BOPM | BWPM | MCFPM | BO | BW | MCF | | | BO | BW |
| 434 | Scharbauer 1-4 | 9 | 14 | 4 | 258 | 176 | 299 | 88,401 | 176 | 299 | | | 88,143 | - |
| 443 | | 77 | 17 | 9 | 2204 | 214 | 673 | 26,570 | 214 | 673 | | | 24,366 | - |
| 444 | Scharbauer 3-4 | 54 | 26 | 10 | 1546 | 327 | 748 | 93,107 | 327 | 748 | | | 91,562 | - |
| 611 | Conoco State 2-16 | 2 | 2 | 0 | 57 | 25 | 0 | 9,203 | 25 | - | | | 9,145 | - |
| 613 | BF State 3-16 | 2 | 6 | 1 | 57 | 75 | 75 | 22,269 | 75 | 75 | | | 22,212 | - |
| 621 | Conoco State 1-16 | 0 | 0 | 0 | 0 | 0 | 0 | 980 | - | - | | | 980 | - |
| 632 | BF State 1-16 | 1 | 3 | 0 | 29 | 38 | 0 | 249,804 | 38 | - | | | 249,775 | - |
| 922 | Barber Federal 1-9 | 5 | 10 | 1 | 143 | 126 | 75 | 77,617 | 126 | 75 | | | 77,474 | - |
| 923 | Grove Fed 1-9 | 9 | 5 | 4 | 258 | 63 | 299 | 79,726 | 63 | 299 | | | 79,468 | - |
| 924 | WIW | 0 | 0 | 0 | 0 | 0 | 0 | 149 | - | - | | | 149 | - |
| 931 | Federal 2-9 | 1 | 1 | 0 | 29 | 13 | 0 | 46,906 | 13 | - | | | 46,878 | - |
| 932 | Federal 1-9 | 3 | 7 | 3 | 86 | 88 | 224 | 29,496 | 88 | 224 | | | 29,410 | - |
| 933 | Grover Fed 3-9 | 16 | 9 | 4 | 458 | 113 | 299 | 18,821 | 113 | 299 | | | 18,363 | - |
| 941 | WIW | 0 | 0 | 0 | 0 | 0 | 0 | 52,450 | - | - | | | 52,450 | - |
| 942 | Federal 6-9 | 6 | 7 | 4 | 172 | 88 | 299 | 35,319 | 88 | 299 | | | 35,147 | - |
| 943 | Federal 7-9 | 1 | 0 | 1 | 29 | 0 | 75 | 3,039 | - | 75 | | | 3,011 | - |
| 944 | Federal 8-9 | 4 | 3 | 3 | 114 | 38 | 224 | 19,876 | 38 | 224 | | | 19,761 | - |
| 945 | WIW | 0 | 0 | 0 | 0 | 0 | 0 | 10,458 | - | - | | | 10,458 | - |
| 946 | | 86 | 23 | 21 | 2462 | 289 | 1571 | 15,863 | 289 | 1,571 | | | 13,401 | - |
| Totals | | 276 | 133 | 65 | 7,900 | 1,671 | 4,864 | 724,228 | 1,143 | 2,395 | | | 719,563 | - |

| LEASE | DATE | DAYS IN MONTH | MONTHLY | | | | DAILY | | | | PROJECT BO | CUMULATIVE | | | | I/W RATIO (BW/PD) |
|-------|--------|---------------|------------|-------------|--------------|-------------------|------------|------------|--------------|-------------------|------------|------------|------------|---------|----------|-------------------|
| | | | OIL (BOPM) | GAS (MCFPM) | WATER (BWPM) | INJECTION (BWIPM) | OIL (BOPD) | GAS (MCFD) | WATER (BWPD) | INJECTION (BWIPD) | | BO | PRI-SEC BO | GAS MCF | WATER BW | |
| WTU | Dec-59 | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| WTU | Jan-60 | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| WTU | Feb-60 | 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| WTU | Mar-60 | 31 | 997 | 0 | 181 | 0 | 32 | 0 | 0 | 0 | 997 | 0 | 181 | 0 | | |
| WTU | Apr-60 | 30 | 1993 | 0 | 207 | 0 | 66 | 0 | 0 | 7 | 2990 | 0 | 386 | 0 | | |
| WTU | May-60 | 31 | 1993 | 0 | 207 | 0 | 64 | 0 | 0 | 7 | 4983 | 0 | 595 | 0 | | |
| WTU | Jun-60 | 30 | 1992 | 0 | 208 | 0 | 66 | 0 | 0 | 7 | 6975 | 0 | 803 | 0 | | |
| WTU | Jul-60 | 31 | 2890 | 185 | 504 | 0 | 93 | 6 | 16 | 16 | 9865 | 185 | 1307 | 0 | | |
| WTU | Aug-60 | 31 | 2889 | 185 | 503 | 0 | 93 | 6 | 16 | 16 | 12754 | 370 | 1810 | 0 | | |
| WTU | Sep-60 | 30 | 2888 | 184 | 504 | 0 | 96 | 6 | 17 | 17 | 15642 | 554 | 2314 | 0 | | |
| WTU | Oct-60 | 31 | 2889 | 185 | 504 | 0 | 93 | 6 | 16 | 16 | 18531 | 739 | 2818 | 0 | | |
| WTU | Nov-60 | 30 | 2889 | 184 | 503 | 0 | 96 | 6 | 17 | 17 | 21420 | 923 | 3321 | 0 | | |
| WTU | Dec-60 | 31 | 2890 | 185 | 505 | 0 | 93 | 6 | 16 | 16 | 24310 | 1108 | 3826 | 0 | | |
| WTU | Jan-61 | 31 | 3167 | 249 | 522 | 0 | 102 | 8 | 19 | 19 | 27477 | 1357 | 4348 | 0 | | |
| WTU | Feb-61 | 28 | 3166 | 248 | 520 | 0 | 113 | 8 | 20 | 20 | 30644 | 1605 | 4868 | 0 | | |
| WTU | Mar-61 | 31 | 3478 | 248 | 637 | 0 | 112 | 8 | 21 | 21 | 34121 | 1853 | 5492 | 0 | | |
| WTU | Apr-61 | 30 | 3629 | 249 | 624 | 0 | 121 | 8 | 20 | 20 | 37750 | 2101 | 6130 | 0 | | |
| WTU | May-61 | 31 | 3478 | 249 | 624 | 0 | 112 | 8 | 20 | 20 | 41228 | 2350 | 6754 | 0 | | |
| WTU | Jun-61 | 30 | 3477 | 248 | 623 | 0 | 116 | 8 | 21 | 21 | 44705 | 2598 | 7376 | 0 | | |
| WTU | Jul-61 | 31 | 3478 | 248 | 624 | 0 | 112 | 8 | 20 | 20 | 48182 | 2846 | 8001 | 0 | | |
| WTU | Aug-61 | 31 | 3478 | 248 | 623 | 0 | 112 | 8 | 20 | 20 | 51680 | 3094 | 8624 | 0 | | |
| WTU | Sep-61 | 30 | 3477 | 248 | 623 | 0 | 116 | 8 | 21 | 21 | 55137 | 3342 | 9247 | 0 | | |
| WTU | Oct-61 | 31 | 3478 | 248 | 623 | 0 | 112 | 8 | 20 | 20 | 58615 | 3591 | 9871 | 0 | | |
| WTU | Nov-61 | 30 | 3477 | 248 | 623 | 0 | 116 | 8 | 21 | 21 | 62091 | 3839 | 10494 | 0 | | |
| WTU | Dec-61 | 31 | 3479 | 249 | 625 | 0 | 112 | 8 | 20 | 20 | 66570 | 4088 | 11118 | 0 | | |
| WTU | Jan-62 | 31 | 3562 | 233 | 603 | 0 | 115 | 8 | 19 | 19 | 69132 | 4321 | 11721 | 0 | | |
| WTU | Feb-62 | 28 | 3558 | 233 | 600 | 0 | 127 | 8 | 20 | 20 | 72650 | 4554 | 12321 | 0 | | |
| WTU | Mar-62 | 31 | 3560 | 233 | 601 | 0 | 115 | 8 | 19 | 19 | 76250 | 4787 | 12921 | 0 | | |
| WTU | Apr-62 | 30 | 3559 | 233 | 601 | 0 | 119 | 8 | 20 | 20 | 79808 | 5020 | 13522 | 0 | | |
| WTU | May-62 | 31 | 3562 | 233 | 601 | 0 | 115 | 8 | 19 | 19 | 83370 | 5253 | 14123 | 0 | | |
| WTU | Jun-62 | 30 | 3559 | 234 | 600 | 0 | 119 | 8 | 20 | 20 | 86928 | 5487 | 14722 | 0 | | |
| WTU | Jul-62 | 31 | 3560 | 233 | 602 | 0 | 115 | 8 | 19 | 19 | 90488 | 5720 | 15324 | 0 | | |
| WTU | Aug-62 | 31 | 3560 | 233 | 601 | 0 | 115 | 8 | 19 | 19 | 94047 | 5953 | 15925 | 0 | | |
| WTU | Sep-62 | 30 | 3561 | 233 | 601 | 0 | 119 | 8 | 20 | 20 | 97608 | 6186 | 16525 | 0 | | |
| WTU | Oct-62 | 31 | 3559 | 233 | 600 | 0 | 115 | 8 | 19 | 19 | 101167 | 6420 | 17125 | 0 | | |
| WTU | Nov-62 | 30 | 3560 | 233 | 601 | 0 | 119 | 8 | 20 | 20 | 104726 | 6653 | 17726 | 0 | | |
| WTU | Dec-62 | 31 | 3561 | 234 | 602 | 0 | 115 | 8 | 19 | 19 | 108287 | 6887 | 18327 | 0 | | |
| WTU | Jan-63 | 31 | 3738 | 132 | 724 | 0 | 121 | 4 | 23 | 23 | 112025 | 7019 | 19051 | 0 | | |
| WTU | Feb-63 | 28 | 3735 | 132 | 722 | 0 | 133 | 5 | 26 | 26 | 115760 | 7150 | 19773 | 0 | | |
| WTU | Mar-63 | 31 | 3738 | 132 | 725 | 0 | 121 | 4 | 23 | 23 | 119498 | 7282 | 20498 | 0 | | |
| WTU | Apr-63 | 30 | 3736 | 132 | 722 | 0 | 125 | 4 | 24 | 24 | 123233 | 7414 | 21219 | 0 | | |
| WTU | May-63 | 31 | 3738 | 132 | 725 | 0 | 121 | 4 | 23 | 23 | 126971 | 7567 | 21944 | 0 | | |
| WTU | Jun-63 | 30 | 3736 | 131 | 723 | 0 | 125 | 4 | 24 | 24 | 130707 | 7677 | 22667 | 0 | | |
| WTU | Jul-63 | 31 | 3738 | 132 | 724 | 0 | 121 | 4 | 23 | 23 | 134444 | 7810 | 23391 | 0 | | |
| WTU | Aug-63 | 31 | 4776 | 132 | 743 | 0 | 154 | 4 | 25 | 25 | 136220 | 7942 | 24134 | 0 | | |
| WTU | Sep-63 | 30 | 4774 | 131 | 741 | 0 | 159 | 4 | 24 | 24 | 143994 | 8073 | 24874 | 0 | | |
| WTU | Oct-63 | 31 | 4775 | 132 | 743 | 0 | 154 | 4 | 24 | 24 | 148769 | 8205 | 25617 | 0 | | |
| WTU | Nov-63 | 30 | 4774 | 132 | 740 | 0 | 159 | 4 | 25 | 25 | 153542 | 8337 | 26357 | 0 | | |
| WTU | Dec-63 | 31 | 4777 | 132 | 744 | 0 | 154 | 4 | 24 | 24 | 158319 | 8469 | 27101 | 0 | | |
| WTU | Jan-64 | 31 | 4901 | 0 | 569 | 0 | 158 | 0 | 18 | 18 | 163220 | 8469 | 27670 | 0 | | |
| WTU | Feb-64 | 29 | 4899 | 0 | 565 | 0 | 169 | 0 | 19 | 19 | 168139 | 8469 | 28234 | 0 | | |

| | | | | | | | | | | | |
|-----|--------|----|------|---|------|-----|---|-----|--------|------|--------|
| WTU | Mar-64 | 31 | 4901 | 0 | 568 | 158 | 0 | 18 | 173021 | 8469 | 28802 |
| WTU | Apr-64 | 30 | 4899 | 0 | 564 | 163 | 0 | 19 | 177920 | 8469 | 29366 |
| WTU | May-64 | 31 | 4901 | 0 | 569 | 158 | 0 | 18 | 182821 | 8469 | 29934 |
| WTU | Jun-64 | 30 | 4900 | 0 | 564 | 163 | 0 | 19 | 187721 | 8469 | 30499 |
| WTU | Jul-64 | 31 | 4899 | 0 | 568 | 158 | 0 | 18 | 192620 | 8469 | 31066 |
| WTU | Aug-64 | 31 | 4900 | 0 | 567 | 158 | 0 | 19 | 197520 | 8469 | 31633 |
| WTU | Sep-64 | 30 | 4901 | 0 | 567 | 163 | 0 | 18 | 202421 | 8469 | 32200 |
| WTU | Oct-64 | 31 | 4900 | 0 | 567 | 158 | 0 | 19 | 207322 | 8469 | 32766 |
| WTU | Nov-64 | 30 | 4900 | 0 | 565 | 163 | 0 | 19 | 212222 | 8469 | 33331 |
| WTU | Dec-64 | 31 | 4902 | 0 | 568 | 158 | 0 | 18 | 217124 | 8469 | 33899 |
| WTU | Jan-65 | 31 | 4854 | 0 | 1311 | 157 | 0 | 42 | 221979 | 8469 | 35210 |
| WTU | Feb-65 | 28 | 4852 | 0 | 1308 | 173 | 0 | 47 | 226831 | 8469 | 36518 |
| WTU | Mar-65 | 31 | 4854 | 0 | 1311 | 157 | 0 | 42 | 231685 | 8469 | 37829 |
| WTU | Apr-65 | 30 | 4855 | 0 | 1308 | 162 | 0 | 44 | 236540 | 8469 | 39137 |
| WTU | May-65 | 31 | 4854 | 0 | 1311 | 157 | 0 | 42 | 241395 | 8469 | 40448 |
| WTU | Jun-65 | 30 | 4854 | 0 | 1308 | 162 | 0 | 44 | 246249 | 8469 | 41755 |
| WTU | Jul-65 | 31 | 4855 | 0 | 1311 | 157 | 0 | 42 | 251104 | 8469 | 43066 |
| WTU | Aug-65 | 31 | 4855 | 0 | 1311 | 157 | 0 | 42 | 255959 | 8469 | 44377 |
| WTU | Sep-65 | 30 | 4854 | 0 | 1308 | 162 | 0 | 44 | 260813 | 8469 | 45685 |
| WTU | Oct-65 | 31 | 4854 | 0 | 1311 | 157 | 0 | 42 | 265668 | 8469 | 46996 |
| WTU | Nov-65 | 30 | 4854 | 0 | 1309 | 162 | 0 | 44 | 270522 | 8469 | 48305 |
| WTU | Dec-65 | 31 | 4857 | 0 | 1312 | 157 | 0 | 42 | 275379 | 8469 | 49617 |
| WTU | Jan-66 | 31 | 5291 | 0 | 2316 | 171 | 0 | 75 | 280670 | 8469 | 51933 |
| WTU | Feb-66 | 28 | 5287 | 0 | 2313 | 189 | 0 | 83 | 285957 | 8469 | 54247 |
| WTU | Mar-66 | 31 | 5290 | 0 | 2314 | 171 | 0 | 75 | 291247 | 8469 | 56561 |
| WTU | Apr-66 | 30 | 5289 | 0 | 2315 | 176 | 0 | 77 | 296536 | 8469 | 58676 |
| WTU | May-66 | 31 | 5291 | 0 | 2316 | 171 | 0 | 75 | 301827 | 8469 | 61192 |
| WTU | Jun-66 | 30 | 5287 | 0 | 2314 | 176 | 0 | 75 | 307115 | 8469 | 63606 |
| WTU | Jul-66 | 31 | 5290 | 0 | 2315 | 171 | 0 | 75 | 312405 | 8469 | 65622 |
| WTU | Aug-66 | 31 | 5290 | 0 | 2316 | 176 | 0 | 75 | 317695 | 8469 | 68137 |
| WTU | Sep-66 | 30 | 5288 | 0 | 2314 | 171 | 0 | 77 | 322983 | 8469 | 70452 |
| WTU | Oct-66 | 31 | 5290 | 0 | 2315 | 171 | 0 | 75 | 328273 | 8469 | 72767 |
| WTU | Nov-66 | 30 | 5288 | 0 | 2314 | 176 | 0 | 77 | 333562 | 8469 | 75082 |
| WTU | Dec-66 | 31 | 5290 | 0 | 2317 | 171 | 0 | 75 | 338852 | 8469 | 77398 |
| WTU | Jan-67 | 31 | 5698 | 0 | 1995 | 184 | 0 | 64 | 344550 | 8469 | 79393 |
| WTU | Feb-67 | 28 | 5696 | 0 | 1991 | 203 | 0 | 71 | 350245 | 8469 | 81384 |
| WTU | Mar-67 | 31 | 5698 | 0 | 1994 | 184 | 0 | 64 | 355943 | 8469 | 83379 |
| WTU | Apr-67 | 30 | 5697 | 0 | 1991 | 190 | 0 | 66 | 361640 | 8469 | 85370 |
| WTU | May-67 | 31 | 5698 | 0 | 1995 | 184 | 0 | 64 | 367337 | 8469 | 87365 |
| WTU | Jun-67 | 30 | 5696 | 0 | 1992 | 190 | 0 | 66 | 373033 | 8469 | 89356 |
| WTU | Jul-67 | 31 | 5698 | 0 | 1993 | 184 | 0 | 64 | 378731 | 8469 | 91350 |
| WTU | Aug-67 | 31 | 5697 | 0 | 1994 | 190 | 0 | 66 | 384428 | 8469 | 93344 |
| WTU | Sep-67 | 30 | 5697 | 0 | 1992 | 190 | 0 | 66 | 390124 | 8469 | 95337 |
| WTU | Oct-67 | 31 | 5697 | 0 | 1992 | 184 | 0 | 64 | 395821 | 8469 | 97329 |
| WTU | Nov-67 | 30 | 5698 | 0 | 1992 | 190 | 0 | 66 | 401519 | 8469 | 99322 |
| WTU | Dec-67 | 31 | 5698 | 0 | 1995 | 184 | 0 | 64 | 407217 | 8469 | 101316 |
| WTU | Jan-68 | 31 | 6449 | 0 | 2619 | 208 | 0 | 84 | 413666 | 8469 | 103935 |
| WTU | Feb-68 | 29 | 6447 | 0 | 2617 | 222 | 0 | 90 | 420113 | 8469 | 106552 |
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| WTU | May-68 | 31 | 6450 | 0 | 2619 | 208 | 0 | 84 | 439461 | 8469 | 114406 |
| WTU | Jun-68 | 30 | 6448 | 0 | 2618 | 215 | 0 | 87 | 445909 | 8469 | 117024 |
| WTU | Jul-68 | 31 | 6448 | 0 | 2618 | 208 | 0 | 84 | 452357 | 8469 | 119642 |
| WTU | Aug-68 | 31 | 6449 | 0 | 2619 | 208 | 0 | 84 | 458807 | 8469 | 122261 |
| WTU | Sep-68 | 30 | 6449 | 0 | 2617 | 215 | 0 | 87 | 465255 | 8469 | 124877 |
| WTU | Oct-68 | 31 | 6449 | 0 | 2619 | 208 | 0 | 84 | 471705 | 8469 | 127496 |
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| WTU | Dec-68 | 31 | 6450 | 0 | 2620 | 208 | 0 | 85 | 484603 | 8469 | 132734 |
| WTU | Jan-69 | 31 | 5755 | 0 | 7328 | 166 | 0 | 236 | 490358 | 8469 | 140061 |
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| WTU | Mar-69 | 31 | 5755 | 0 | 7327 | 186 | 0 | 236 | 501865 | 8469 | 154712 |
| WTU | Apr-69 | 30 | 5754 | 0 | 7327 | 192 | 0 | 244 | 507619 | 8469 | 162039 |

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|-----|--------|----|------|---|------|-----|---|-----|--------|------|--------|
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| WTU | Jul-69 | 31 | 5754 | 0 | 7328 | 186 | 0 | 236 | 524880 | 8469 | 184016 |
| WTU | Aug-69 | 31 | 5756 | 0 | 7327 | 186 | 0 | 236 | 530636 | 8469 | 191345 |
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| WTU | Oct-69 | 31 | 5754 | 0 | 7327 | 186 | 0 | 236 | 542142 | 8469 | 205996 |
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| WTU | Feb-70 | 28 | 3591 | 0 | 6366 | 128 | 0 | 227 | 561733 | 8469 | 234361 |
| WTU | Mar-70 | 31 | 4018 | 0 | 7579 | 130 | 0 | 244 | 566751 | 8469 | 241940 |
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| WTU | Jan-73 | 31 | 1194 | 0 | 5258 | 39 | 0 | 170 | 644928 | 8469 | 438652 |
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| WTU | Sep-79 | 30 | 487 | 0 | 2032 | 16 | 0 | 68 | 698523 | 8469 | 620549 |
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| WTU | Jun-82 | 30 | 135 | 0 | 335 | 4 | 0 | 11 | 713652 | 8469 | 659503 |
| WTU | Jul-82 | 31 | 136 | 0 | 338 | 4 | 0 | 11 | 713787 | 8469 | 659841 |
| WTU | Aug-82 | 31 | 124 | 0 | 310 | 4 | 0 | 10 | 713912 | 8469 | 660150 |
| WTU | Sep-82 | 30 | 378 | 0 | 355 | 13 | 0 | 12 | 714289 | 8469 | 660506 |
| WTU | Oct-82 | 31 | 519 | 0 | 683 | 17 | 0 | 22 | 714808 | 8469 | 661189 |
| WTU | Nov-82 | 30 | 269 | 0 | 612 | 9 | 0 | 20 | 715077 | 8469 | 661801 |
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| WTU | Jan-83 | 31 | 273 | 0 | 521 | 9 | 0 | 17 | 715650 | 8469 | 662748 |
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| WTU | Mar-83 | 31 | 166 | 0 | 277 | 5 | 0 | 9 | 716266 | 8469 | 663774 |
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| WTU | Dec-83 | 31 | 205 | 0 | 511 | 7 | 0 | 16 | 718407 | 8469 | 668763 |
| WTU | Jan-84 | 31 | 258 | 0 | 643 | 8 | 0 | 21 | 718665 | 8469 | 669405 |
| WTU | Feb-84 | 29 | 156 | 0 | 389 | 5 | 0 | 13 | 718821 | 8469 | 669794 |
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| WTU | Jul-84 | 31 | 181 | 0 | 452 | 6 | 0 | 15 | 719533 | 8469 | 671569 |
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| WTU | Oct-84 | 31 | 150 | 0 | 374 | 5 | 0 | 12 | 720079 | 8469 | 672930 |

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|-----|--------|----|------|---|------|-----|---|----|--------|------|--------|
| WTU | Nov-84 | 30 | 122 | 0 | 305 | 4 | 0 | 10 | 720201 | 8469 | 673235 |
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| WTU | Jun-85 | 30 | 124 | 0 | 310 | 4 | 0 | 10 | 721158 | 8469 | 675619 |
| WTU | Jul-85 | 31 | 121 | 0 | 302 | 4 | 0 | 10 | 721279 | 8469 | 675921 |
| WTU | Aug-85 | 31 | 43 | 0 | 0 | 1 | 0 | 0 | 721322 | 8469 | 675921 |
| WTU | Sep-85 | 30 | 256 | 0 | 637 | 9 | 0 | 21 | 721578 | 8469 | 676558 |
| WTU | Oct-85 | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 721578 | 8469 | 676558 |
| WTU | Nov-85 | 30 | 9 | 0 | 23 | 0 | 0 | 1 | 721587 | 8469 | 676582 |
| WTU | Dec-85 | 31 | 50 | 0 | 125 | 2 | 0 | 4 | 721637 | 8469 | 676707 |
| WTU | Jan-86 | 31 | 143 | 0 | 355 | 5 | 0 | 11 | 721780 | 8469 | 677062 |
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| WTU | Mar-86 | 31 | 133 | 0 | 333 | 4 | 0 | 11 | 722011 | 8469 | 677639 |
| WTU | Apr-86 | 30 | 7 | 0 | 14 | 0 | 0 | 0 | 722018 | 8469 | 677653 |
| WTU | May-86 | 31 | 6 | 0 | 12 | 0 | 0 | 0 | 722024 | 8469 | 677665 |
| WTU | Jun-86 | 30 | 123 | 0 | 308 | 4 | 0 | 10 | 722147 | 8469 | 677973 |
| WTU | Jul-86 | 31 | 105 | 0 | 262 | 3 | 0 | 8 | 722252 | 8469 | 678235 |
| WTU | Aug-86 | 31 | 6 | 0 | 13 | 0 | 0 | 0 | 722259 | 8469 | 678247 |
| WTU | Sep-86 | 30 | 4 | 0 | 8 | 0 | 0 | 0 | 722263 | 8469 | 678255 |
| WTU | Oct-86 | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 722263 | 8469 | 678255 |
| WTU | Nov-86 | 30 | 8 | 0 | 10 | 0 | 0 | 0 | 722271 | 8469 | 678265 |
| WTU | Dec-86 | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 722271 | 8469 | 678265 |
| WTU | Jan-87 | 31 | 7 | 0 | 23 | 0 | 0 | 1 | 722278 | 8469 | 678287 |
| WTU | Feb-87 | 28 | 7 | 0 | 29 | 0 | 0 | 1 | 722285 | 8469 | 678316 |
| WTU | Mar-87 | 31 | 387 | 0 | 15 | 12 | 0 | 0 | 722672 | 8469 | 678331 |
| WTU | Apr-87 | 30 | 1935 | 0 | 20 | 64 | 0 | 1 | 724606 | 8469 | 678350 |
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| WTU | Nov-87 | 30 | 3537 | 0 | 38 | 118 | 0 | 1 | 743641 | 8469 | 678617 |
| WTU | Dec-87 | 31 | 5700 | 0 | 41 | 184 | 0 | 1 | 749341 | 8469 | 678658 |
| WTU | Jan-88 | 29 | 4974 | 0 | 21 | 160 | 0 | 1 | 754314 | 8469 | 678679 |
| WTU | Feb-88 | 31 | 5560 | 0 | 48 | 192 | 0 | 2 | 759874 | 8469 | 678727 |
| WTU | Mar-88 | 31 | 6236 | 0 | 143 | 201 | 0 | 5 | 766110 | 8469 | 678869 |
| WTU | Apr-88 | 30 | 6866 | 0 | 140 | 229 | 0 | 5 | 772976 | 8469 | 679009 |
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| WTU | Jun-88 | 30 | 5037 | 0 | 120 | 168 | 0 | 4 | 783257 | 8469 | 679269 |
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| WTU | Sep-88 | 30 | 3685 | 0 | 105 | 123 | 0 | 4 | 795694 | 8469 | 679606 |
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| WTU | Jan-89 | 31 | 2779 | 0 | 806 | 90 | 0 | 26 | 809820 | 8469 | 682719 |
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| WTU | Mar-89 | 31 | 2461 | 0 | 1576 | 79 | 0 | 51 | 814708 | 8469 | 684937 |
| WTU | Apr-89 | 30 | 2473 | 0 | 1728 | 82 | 0 | 58 | 817181 | 8469 | 686665 |
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| WTU | Oct-89 | 31 | 2354 | 0 | 1687 | 76 | 0 | 54 | 831025 | 8469 | 695581 |
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| WTU | Dec-89 | 31 | 1868 | 0 | 1153 | 60 | 0 | 37 | 834986 | 8469 | 698194 |

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|-----|--------|----|------|------|------|------|-----|-----|---------|-------|--------|
| WTU | Jan-90 | 31 | 2090 | 0 | 1719 | 67 | 0 | 55 | 837076 | 8469 | 699913 |
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| WTU | Apr-91 | 30 | 1554 | 349 | 630 | 52 | 12 | 21 | 863566 | 16115 | 714288 |
| WTU | May-91 | 31 | 1568 | 237 | 700 | 51 | 8 | 23 | 865135 | 16352 | 714988 |
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| WTU | Jul-91 | 31 | 1504 | 262 | 626 | 49 | 8 | 20 | 868029 | 16891 | 716285 |
| WTU | Aug-91 | 31 | 1490 | 375 | 729 | 48 | 12 | 24 | 869519 | 17266 | 717014 |
| WTU | Sep-91 | 30 | 1326 | 433 | 726 | 44 | 14 | 24 | 870845 | 17699 | 717740 |
| WTU | Oct-91 | 31 | 1337 | 185 | 745 | 43 | 6 | 24 | 872182 | 17884 | 718485 |
| WTU | Nov-91 | 30 | 1192 | 173 | 718 | 40 | 6 | 24 | 873374 | 18057 | 719202 |
| WTU | Dec-91 | 31 | 1170 | 193 | 734 | 38 | 6 | 24 | 874544 | 18250 | 719936 |
| WTU | Jan-92 | 31 | 1966 | 384 | 1230 | 63 | 12 | 40 | 876510 | 18634 | 721166 |
| WTU | Feb-92 | 29 | 2476 | 391 | 1514 | 85 | 13 | 52 | 878987 | 19025 | 722680 |
| WTU | Mar-92 | 31 | 2144 | 818 | 1504 | 69 | 26 | 49 | 881131 | 19843 | 724183 |
| WTU | Apr-92 | 30 | 2125 | 785 | 1393 | 71 | 26 | 46 | 883256 | 20628 | 726576 |
| WTU | May-92 | 31 | 1590 | 971 | 1048 | 51 | 31 | 34 | 884846 | 21599 | 728574 |
| WTU | Jun-92 | 30 | 1970 | 932 | 1068 | 66 | 31 | 36 | 886817 | 22531 | 727693 |
| WTU | Jul-92 | 31 | 1731 | 687 | 1027 | 56 | 22 | 33 | 888547 | 23218 | 728719 |
| WTU | Aug-92 | 31 | 1798 | 902 | 1041 | 58 | 29 | 34 | 890345 | 24120 | 729760 |
| WTU | Sep-92 | 30 | 1789 | 696 | 994 | 60 | 23 | 33 | 892135 | 24816 | 730753 |
| WTU | Oct-92 | 31 | 2247 | 719 | 1093 | 72 | 23 | 35 | 894382 | 25535 | 731846 |
| WTU | Nov-92 | 30 | 3736 | 1343 | 1052 | 125 | 45 | 35 | 896117 | 26878 | 732968 |
| WTU | Dec-92 | 31 | 2930 | 1012 | 1070 | 1082 | 33 | 35 | 901047 | 27890 | 733968 |
| WTU | Jan-93 | 31 | 2584 | 1082 | 857 | 83 | 35 | 28 | 903631 | 28972 | 734825 |
| WTU | Feb-93 | 28 | 2170 | 589 | 776 | 77 | 21 | 29 | 905801 | 29561 | 735600 |
| WTU | Mar-93 | 31 | 2185 | 462 | 897 | 70 | 15 | 28 | 907985 | 30023 | 736497 |
| WTU | Apr-93 | 30 | 2155 | 495 | 869 | 72 | 17 | 29 | 910140 | 30518 | 737366 |
| WTU | May-93 | 31 | 2191 | 593 | 866 | 71 | 19 | 28 | 912331 | 31111 | 738232 |
| WTU | Jun-93 | 30 | 2914 | 441 | 1661 | 97 | 15 | 55 | 915245 | 31552 | 739892 |
| WTU | Jul-93 | 31 | 3408 | 113 | 2197 | 110 | 4 | 47 | 918653 | 31665 | 742089 |
| WTU | Aug-93 | 31 | 2649 | 0 | 1464 | 85 | 0 | 43 | 921301 | 31665 | 743553 |
| WTU | Sep-93 | 30 | 2407 | 20 | 1277 | 80 | 1 | 43 | 923708 | 31685 | 744830 |
| WTU | Oct-93 | 31 | 2514 | 0 | 1359 | 81 | 0 | 44 | 926222 | 31685 | 746189 |
| WTU | Nov-93 | 30 | 2255 | 0 | 1063 | 75 | 0 | 35 | 928477 | 31685 | 747251 |
| WTU | Dec-93 | 31 | 2438 | 0 | 1154 | 79 | 0 | 37 | 930915 | 31685 | 748405 |
| WTU | Jan-94 | 31 | 2321 | 37 | 2041 | 75 | 1 | 66 | 933236 | 31722 | 750446 |
| WTU | Feb-94 | 28 | 4102 | 443 | 2819 | 146 | 16 | 101 | 937338 | 32165 | 752565 |
| WTU | Mar-94 | 31 | 3878 | 354 | 1604 | 125 | 11 | 52 | 941216 | 32519 | 754869 |
| WTU | Apr-94 | 30 | 4806 | 674 | 2415 | 160 | 22 | 81 | 946022 | 33193 | 757294 |
| WTU | May-94 | 31 | 4873 | 632 | 3732 | 157 | 20 | 120 | 950894 | 33825 | 761016 |
| WTU | Jun-94 | 30 | 6595 | 788 | 4552 | 220 | 26 | 152 | 957489 | 34613 | 765658 |
| WTU | Jul-94 | 31 | 8731 | 648 | 3270 | 282 | 21 | 105 | 966220 | 35261 | 769297 |
| WTU | Aug-94 | 31 | 8621 | 1363 | 3270 | 275 | 44 | 105 | 974741 | 36623 | 772567 |
| WTU | Sep-94 | 30 | 9568 | 3802 | 2693 | 320 | 127 | 90 | 984329 | 40425 | 775259 |
| WTU | Oct-94 | 31 | 8558 | 3598 | 2753 | 276 | 116 | 89 | 992887 | 44022 | 778012 |
| WTU | Nov-94 | 30 | 7966 | 3594 | 2903 | 263 | 120 | 97 | 1000782 | 47616 | 780915 |
| WTU | Dec-94 | 31 | 7390 | 4075 | 2660 | 238 | 131 | 86 | 1008172 | 51691 | 783575 |
| WTU | Jan-95 | 31 | 8115 | 4680 | 3523 | 262 | 151 | 114 | 1016288 | 56371 | 787098 |
| WTU | Feb-95 | 28 | 6886 | 4722 | 3157 | 246 | 169 | 113 | 1023174 | 61093 | 790255 |

| | | | | | | | | | | | |
|-----|--------|----|------|------|------|-----|-----|-----|---------|--------|---------|
| WTU | Mar-95 | 31 | 6713 | 3972 | 2693 | 217 | 128 | 87 | 1029886 | 65065 | 792947 |
| WTU | Apr-95 | 30 | 6032 | 3446 | 3178 | 201 | 115 | 106 | 1035918 | 68511 | 796125 |
| WTU | May-95 | 31 | 6257 | 3269 | 6203 | 202 | 105 | 200 | 1042175 | 71780 | 802328 |
| WTU | Jun-95 | 30 | 5909 | 3171 | 2871 | 197 | 106 | 96 | 1048084 | 74950 | 805199 |
| WTU | Jul-95 | 31 | 5371 | 3355 | 2736 | 173 | 108 | 88 | 1053455 | 78305 | 807935 |
| WTU | Aug-95 | 31 | 4555 | 3395 | 2359 | 147 | 110 | 76 | 1058010 | 81700 | 810294 |
| WTU | Sep-95 | 30 | 4990 | 2534 | 2281 | 166 | 84 | 76 | 1062999 | 84234 | 812575 |
| WTU | Oct-95 | 31 | 6229 | 2063 | 2997 | 201 | 67 | 97 | 1069228 | 86297 | 815573 |
| WTU | Nov-95 | 30 | 6669 | 2427 | 2303 | 222 | 81 | 77 | 1075697 | 88724 | 817875 |
| WTU | Dec-95 | 31 | 6000 | 2276 | 2689 | 194 | 73 | 87 | 1081898 | 91000 | 820565 |
| WTU | Jan-96 | 31 | 4754 | 2057 | 2265 | 153 | 66 | 73 | 1086652 | 93057 | 822830 |
| WTU | Feb-96 | 29 | 4177 | 1862 | 1947 | 144 | 64 | 67 | 1090829 | 94920 | 824777 |
| WTU | Mar-96 | 31 | 5568 | 2249 | 3219 | 180 | 73 | 104 | 1096397 | 97169 | 827996 |
| WTU | Apr-96 | 30 | 5634 | 2377 | 3393 | 188 | 79 | 113 | 1102030 | 99545 | 831388 |
| WTU | May-96 | 31 | 4743 | 2623 | 3032 | 153 | 85 | 98 | 1106773 | 102168 | 834420 |
| WTU | Jun-96 | 30 | 4640 | 2408 | 3502 | 155 | 80 | 117 | 1111413 | 104577 | 837921 |
| WTU | Jul-96 | 31 | 4970 | 2649 | 3576 | 160 | 85 | 115 | 1116382 | 107226 | 841497 |
| WTU | Aug-96 | 31 | 5402 | 2530 | 3990 | 174 | 82 | 127 | 1121785 | 109756 | 845446 |
| WTU | Sep-96 | 30 | 5067 | 2379 | 4103 | 169 | 79 | 137 | 1128651 | 112135 | 849549 |
| WTU | Oct-96 | 31 | 5386 | 2340 | 4221 | 174 | 75 | 136 | 1132238 | 114475 | 853770 |
| WTU | Nov-96 | 30 | 5117 | 2142 | 4166 | 171 | 71 | 139 | 1137355 | 11616 | 857936 |
| WTU | Dec-96 | 31 | 4517 | 2080 | 3923 | 146 | 67 | 127 | 1141872 | 118696 | 861859 |
| WTU | Jan-97 | 31 | 3903 | 1988 | 4747 | 126 | 63 | 153 | 1145775 | 120664 | 866607 |
| WTU | Feb-97 | 28 | 4680 | 2065 | 5344 | 167 | 74 | 191 | 1150455 | 122729 | 871950 |
| WTU | Mar-97 | 31 | 5032 | 2282 | 6358 | 162 | 74 | 205 | 1155487 | 125011 | 878309 |
| WTU | Apr-97 | 30 | 4501 | 2129 | 6254 | 150 | 71 | 208 | 1159988 | 127140 | 884563 |
| WTU | May-97 | 31 | 4355 | 2255 | 4921 | 140 | 73 | 159 | 1164343 | 129395 | 889484 |
| WTU | Jun-97 | 30 | 4291 | 2149 | 4573 | 143 | 72 | 152 | 1166634 | 131544 | 894057 |
| WTU | Jul-97 | 31 | 4363 | 2270 | 6262 | 141 | 73 | 202 | 1172998 | 133814 | 900308 |
| WTU | Aug-97 | 31 | 3967 | 1880 | 8312 | 128 | 61 | 268 | 1176965 | 135694 | 908620 |
| WTU | Sep-97 | 30 | 3761 | 1895 | 6858 | 125 | 63 | 229 | 1180725 | 137589 | 915478 |
| WTU | Oct-97 | 31 | 3685 | 2100 | 7443 | 119 | 68 | 240 | 1184410 | 139689 | 922921 |
| WTU | Nov-97 | 30 | 3841 | 2101 | 7015 | 128 | 70 | 234 | 1188251 | 141790 | 929937 |
| WTU | Dec-97 | 31 | 3332 | 2109 | 4748 | 107 | 68 | 153 | 1191583 | 143899 | 934685 |
| WTU | Jan-98 | 31 | 3281 | 2286 | 4030 | 106 | 74 | 130 | 1194864 | 146185 | 938715 |
| WTU | Feb-98 | 28 | 2667 | 1735 | 3616 | 95 | 62 | 129 | 1197531 | 147920 | 942331 |
| WTU | Mar-98 | 31 | 3492 | 2022 | 3957 | 113 | 65 | 128 | 1201024 | 149942 | 946287 |
| WTU | Apr-98 | 30 | 3169 | 1998 | 4238 | 106 | 58 | 141 | 1204193 | 151940 | 950525 |
| WTU | May-98 | 31 | 3417 | 1811 | 1888 | 110 | 57 | 61 | 1207610 | 153751 | 952413 |
| WTU | Jun-98 | 30 | 3683 | 2339 | 6515 | 123 | 78 | 217 | 1211293 | 156090 | 958928 |
| WTU | Jul-98 | 31 | 3480 | 2308 | 6879 | 112 | 74 | 222 | 1214774 | 158398 | 965806 |
| WTU | Aug-98 | 31 | 3590 | 2311 | 6290 | 116 | 75 | 203 | 1218364 | 160709 | 972096 |
| WTU | Sep-98 | 30 | 3354 | 2419 | 6090 | 112 | 81 | 203 | 1221717 | 163128 | 978186 |
| WTU | Oct-98 | 31 | 3306 | 2483 | 7174 | 107 | 80 | 231 | 1225024 | 165811 | 985360 |
| WTU | Nov-98 | 30 | 3685 | 2327 | 4429 | 123 | 78 | 148 | 1228709 | 167938 | 989788 |
| WTU | Dec-98 | 31 | 2866 | 2184 | 4800 | 92 | 70 | 155 | 1231575 | 170122 | 994589 |
| WTU | Jan-99 | 31 | 2600 | 1980 | 3640 | 84 | 64 | 117 | 1234174 | 172102 | 998829 |
| WTU | Feb-99 | 28 | 2831 | 1395 | 4629 | 101 | 50 | 165 | 1237005 | 173497 | 1002858 |
| WTU | Mar-99 | 31 | 3289 | 2273 | 5268 | 106 | 73 | 170 | 1240294 | 175770 | 1008126 |
| WTU | Apr-99 | 30 | 3438 | 1905 | 4879 | 115 | 64 | 153 | 1243732 | 177676 | 1013004 |
| WTU | May-99 | 31 | 3472 | 2119 | 4770 | 112 | 68 | 154 | 1247204 | 179794 | 1017775 |
| WTU | Jun-99 | 30 | 2987 | 2178 | 3790 | 100 | 73 | 126 | 1250191 | 181973 | 1021564 |
| WTU | Jul-99 | 31 | 2931 | 2135 | 4421 | 95 | 69 | 143 | 1253122 | 184108 | 1025985 |
| WTU | Aug-99 | 31 | 2286 | 1705 | 4721 | 74 | 55 | 152 | 1255408 | 185812 | 1030707 |
| WTU | Sep-99 | 30 | 2444 | 1726 | 5030 | 81 | 58 | 168 | 1257853 | 187538 | 1035737 |
| WTU | Oct-99 | 31 | 2917 | 2029 | 4655 | 94 | 65 | 150 | 1260770 | 189567 | 1040392 |
| WTU | Nov-99 | 30 | 2393 | 1081 | 4729 | 89 | 36 | 158 | 1263163 | 190648 | 1045122 |
| WTU | Dec-99 | 31 | 2774 | 1392 | 4141 | 89 | 45 | 134 | 1265937 | 192039 | 1049262 |
| WTU | Jan-00 | 31 | 2340 | 1267 | 4055 | 75 | 41 | 131 | 1268277 | 193306 | 1053317 |
| WTU | Feb-00 | 29 | 2318 | 1024 | 3461 | 80 | 35 | 119 | 1270595 | 194330 | 1056778 |
| WTU | Mar-00 | 31 | 2520 | 1450 | 4063 | 81 | 47 | 131 | 1273115 | 195779 | 1060840 |
| WTU | Apr-00 | 30 | 2415 | 1298 | 4699 | 80 | 43 | 157 | 1275530 | 197078 | 1065539 |

| | | | | | | | | | | | | | | |
|-----|--------|----|------|------|-------|--------|-----|-----|-----|------|---------|---------|---------|--------|
| WTU | May-00 | 31 | 2821 | 1319 | 4585 | | 91 | 43 | 148 | | 1278351 | 198397 | 1070125 | |
| WTU | Jun-00 | 30 | 2890 | 1667 | 4229 | | 96 | 56 | 141 | | 1281241 | 200064 | 1074354 | |
| WTU | Jul-00 | 31 | 2961 | 1698 | 4744 | | 96 | 55 | 153 | | 1284202 | 201761 | 1079098 | |
| WTU | Aug-00 | 31 | 2718 | 1594 | 3789 | | 88 | 51 | 122 | | 1286620 | 203365 | 1082887 | |
| WTU | Sep-00 | 30 | 2652 | 1548 | 3397 | | 88 | 52 | 113 | | 1289572 | 204903 | 1086285 | |
| WTU | Oct-00 | 31 | 2777 | 1504 | 3675 | | 90 | 49 | 119 | | 1292348 | 206407 | 1089859 | |
| WTU | Nov-00 | 30 | 2398 | 1346 | 4174 | | 80 | 45 | 139 | | 1294746 | 207753 | 1094133 | |
| WTU | Dec-00 | 31 | 2831 | 1393 | 3247 | | 91 | 45 | 105 | | 1297577 | 209146 | 1097380 | |
| WTU | Jan-01 | 31 | 2506 | 1331 | 2389 | | 81 | 43 | 77 | | 1300083 | 210477 | 1099768 | |
| WTU | Feb-01 | 28 | 2478 | 1268 | 2614 | | 89 | 45 | 93 | | 1302562 | 211745 | 1102363 | |
| WTU | Mar-01 | 31 | 2900 | 1508 | 2939 | | 94 | 49 | 95 | | 1305462 | 213752 | 1105322 | |
| WTU | Apr-01 | 30 | 2436 | 1342 | 2827 | | 81 | 45 | 98 | | 1307898 | 214594 | 1108249 | |
| WTU | May-01 | 31 | 2967 | 1545 | 2871 | | 96 | 50 | 93 | | 1310865 | 216138 | 1111120 | |
| WTU | Jun-01 | 30 | 2453 | 1316 | 2479 | | 82 | 44 | 72 | | 1313317 | 217454 | 1113269 | |
| WTU | Jul-01 | 31 | 2928 | 1337 | 1831 | | 94 | 43 | 59 | | 1316246 | 218791 | 1115100 | |
| WTU | Aug-01 | 31 | 2431 | 1512 | 3040 | | 78 | 49 | 98 | | 1318677 | 220303 | 1118140 | |
| WTU | Sep-01 | 30 | 2223 | 1323 | 2796 | | 72 | 43 | 90 | | 1323144 | 223175 | 1123788 | |
| WTU | Oct-01 | 31 | 2245 | 1550 | 2402 | | 75 | 52 | 80 | | 1320521 | 221852 | 1120542 | |
| WTU | Nov-01 | 30 | 1818 | 682 | 450 | | 61 | 23 | 15 | | 1324662 | 223657 | 1123788 | |
| WTU | Dec-01 | 31 | 1421 | 1396 | 3148 | | 46 | 45 | 102 | | 1326383 | 225253 | 1126936 | |
| WTU | Jan-02 | 28 | 1719 | 1162 | 2800 | | 55 | 33 | 90 | | 1328103 | 226415 | 1129736 | |
| WTU | Feb-02 | 31 | 1494 | 920 | 2700 | | 53 | 33 | 96 | | 1329597 | 227353 | 1132436 | |
| WTU | Mar-02 | 31 | 2442 | 1492 | 3014 | | 79 | 48 | 97 | | 1332039 | 228828 | 1135450 | |
| WTU | Apr-02 | 30 | 2394 | 1519 | 4328 | | 80 | 51 | 144 | | 1334432 | 230347 | 1139777 | |
| WTU | May-02 | 31 | 2706 | 1679 | 3492 | | 87 | 54 | 113 | | 1337138 | 232025 | 1143269 | |
| WTU | Jun-02 | 30 | 2203 | 1552 | 9265 | | 73 | 52 | 309 | | 1339342 | 233577 | 1152534 | |
| WTU | Jul-02 | 31 | 2235 | 1627 | 5998 | | 72 | 52 | 193 | | 1341577 | 235204 | 1158532 | |
| WTU | Aug-02 | 31 | 2389 | 1691 | 4196 | | 77 | 55 | 135 | | 1343966 | 236895 | 1162729 | |
| WTU | Sep-02 | 30 | 2091 | 1457 | 4544 | | 70 | 49 | 151 | | 1346057 | 238352 | 1167272 | |
| WTU | Oct-02 | 31 | 2623 | 1518 | 4664 | | 85 | 49 | 160 | | 1348680 | 239870 | 1172236 | |
| WTU | Nov-02 | 30 | 2711 | 1231 | 17547 | | 90 | 41 | 585 | | 1351391 | 241100 | 1189783 | |
| WTU | Dec-02 | 31 | 2442 | 1159 | 17341 | | 79 | 37 | 621 | | 1356333 | 242259 | 1209022 | |
| WTU | Jan-03 | 31 | 1918 | 929 | 17341 | | 62 | 30 | 559 | | 1357550 | 243188 | 1226364 | |
| WTU | Feb-03 | 28 | 1776 | 1012 | 14087 | | 63 | 36 | 503 | | 1357526 | 244200 | 1240451 | |
| WTU | Mar-03 | 31 | 2139 | 1436 | 17343 | | 69 | 45 | 559 | | 1359665 | 245636 | 1257794 | |
| WTU | Apr-03 | 30 | 5230 | 1360 | 29340 | | 174 | 46 | 978 | | 1364996 | 246996 | 1287134 | |
| WTU | May-03 | 31 | 6348 | 1171 | 19350 | 5 069 | 205 | 38 | 624 | 164 | 6 348 | 1371243 | 1306484 | |
| WTU | Jun-03 | 30 | 5524 | 1318 | 6681 | 15 576 | 184 | 44 | 223 | 519 | 11 872 | 1376767 | 1313165 | |
| WTU | Jul-03 | 31 | 5275 | 2582 | 3799 | 15 124 | 170 | 83 | 123 | 488 | 17 147 | 1382042 | 1316964 | |
| WTU | Aug-03 | 31 | 6672 | 3270 | 4241 | 36 546 | 215 | 105 | 137 | 1179 | 17 147 | 1386206 | 1321205 | |
| WTU | Sep-03 | 30 | 4702 | 2712 | 4022 | 33 430 | 157 | 90 | 134 | 1114 | 28 521 | 1393414 | 1325227 | |
| WTU | Oct-03 | 31 | 3041 | 1817 | 3308 | 36 336 | 98 | 59 | 107 | 1237 | 31 562 | 1396457 | 1328635 | |
| WTU | Nov-03 | 30 | 3138 | 1566 | 2057 | 35 624 | 105 | 53 | 94 | 1187 | 33 999 | 1399955 | 1331351 | |
| WTU | Dec-03 | 31 | 3747 | 1445 | 2057 | 33 489 | 121 | 47 | 66 | 1080 | 36 447 | 1403342 | 1333408 | |
| WTU | Jan-04 | 31 | 5810 | 2097 | 2740 | 30 843 | 187 | 68 | 88 | 995 | 44 257 | 1409152 | 1336148 | |
| WTU | Feb-04 | 29 | 4809 | 1745 | 2883 | 26 458 | 166 | 67 | 99 | 912 | 49 066 | 1413961 | 1339031 | |
| WTU | Mar-04 | 31 | 6174 | 1455 | 4448 | 35 040 | 199 | 40 | 143 | 1130 | 55 240 | 1420135 | 1343479 | |
| WTU | Apr-04 | 30 | 5180 | 1290 | 3526 | 47 928 | 173 | 52 | 118 | 1598 | 60 420 | 1425515 | 1347005 | |
| WTU | May-04 | 31 | 6549 | 1621 | 3929 | 58 167 | 211 | 43 | 127 | 1876 | 66 969 | 1431864 | 1350934 | |
| WTU | Jun-04 | 30 | 7900 | 1671 | 4664 | 62 224 | 263 | 56 | 162 | 2074 | 74 869 | 1439764 | 1359798 | |
| | | | | | | | | | | | | | | 4 8750 |

WTU
Monthly Injection Well Data
June-04

| WELL # | WELL NAME | DAYS ACTIVE | BWIPD | BWIPM | PSIG | CUM INJECTION |
|--------|-----------------------|----------------|-------|--------|-------|------------------|
| 433 | Anasazi State 3-4 | 30 | 321 | 9,638 | 1,300 | 44,150 |
| 443 | | 30 | - | - | - | - |
| 600 | Anasazi State 1-16 SV | 30 | - | - | - | - |
| 641 | BF State 4-16 | 30 | 26 | 766 | 1,380 | 1,822 |
| 912 | Barber Federal 2-9 | 30 | 143 | 4,279 | 1,280 | 37,001 |
| 913 | Grover Fed 2-9 | 30 | 260 | 7,813 | 1,400 | 61,858 |
| 921 | Federal 3-9 | 30 | 255 | 7,636 | 1,170 | 62,228 |
| 924 | | 30 | 319 | 9,571 | 1,020 | 81,802 |
| 941 | Federal 5-9 | 30 | 438 | 13,137 | - | 110,566 |
| 945 | | 30 | 313 | 9,384 | 840 | 69,358 |

Totals

2,074

62,224

468,785

| PRIOR CUM INJECTION |
|------------------------|
| 34,512 |
| - |
| - |
| 1,056 |
| 32,722 |
| 54,045 |
| 54,592 |
| 72,231 |
| 97,429 |
| 59,974 |

406,561

PRODATA

West Teas Unit Production Data

| DATE | BOPM | Oil Cum Since Discovery | BWPM | Water Cum Since Discovery | BWIPM | Cum.Inj. | MCFPM | MCF Cum Since Discovery |
|--------|-------|-------------------------------|------|---------------------------------|-------|----------|-------|-------------------------------|
| Dec-59 | 0 | 0 | 0 | | | | 0 | |
| Jan-60 | 0 | 0 | 0 | | | | 0 | |
| Feb-60 | 0 | 0 | 0 | | | | 0 | |
| Mar-60 | 997 | 997 | 181 | 181 | | | 0 | |
| Apr-60 | 1,993 | 2,990 | 207 | 388 | | | 0 | |
| May-60 | 1,993 | 4,983 | 207 | 595 | | | 0 | |
| Jun-60 | 1,992 | 6,975 | 208 | 803 | | | 0 | |
| Jul-60 | 2,890 | 9,865 | 504 | 1,307 | | | 185 | 185 |
| Aug-60 | 2,889 | 12,754 | 503 | 1,810 | | | 185 | 370 |
| Sep-60 | 2,888 | 15,642 | 504 | 2,314 | | | 184 | 554 |
| Oct-60 | 2,889 | 18,531 | 504 | 2,818 | | | 185 | 739 |
| Nov-60 | 2,889 | 21,420 | 503 | 3,321 | | | 184 | 923 |
| Dec-60 | 2,890 | 24,310 | 505 | 3,826 | | | 185 | 1,108 |
| Jan-61 | 3,167 | 27,477 | 522 | 4,348 | | | 249 | 1,357 |
| Feb-61 | 3,166 | 30,644 | 520 | 4,868 | | | 248 | 1,605 |
| Mar-61 | 3,478 | 34,121 | 624 | 5,492 | | | 248 | 1,853 |
| Apr-61 | 3,629 | 37,750 | 637 | 6,130 | | | 248 | 2,101 |
| May-61 | 3,478 | 41,228 | 624 | 6,754 | | | 249 | 2,350 |
| Jun-61 | 3,477 | 44,705 | 623 | 7,376 | | | 248 | 2,598 |
| Jul-61 | 3,478 | 48,182 | 624 | 8,001 | | | 248 | 2,846 |
| Aug-61 | 3,478 | 51,660 | 623 | 8,624 | | | 248 | 3,094 |
| Sep-61 | 3,477 | 55,137 | 623 | 9,247 | | | 248 | 3,342 |
| Oct-61 | 3,478 | 58,615 | 623 | 9,871 | | | 248 | 3,591 |
| Nov-61 | 3,477 | 62,091 | 623 | 10,494 | | | 248 | 3,839 |
| Dec-61 | 3,479 | 65,570 | 625 | 11,118 | | | 249 | 4,088 |
| Jan-62 | 3,562 | 69,132 | 603 | 11,721 | | | 233 | 4,321 |
| Feb-62 | 3,558 | 72,690 | 600 | 12,321 | | | 233 | 4,554 |
| Mar-62 | 3,560 | 76,250 | 601 | 12,921 | | | 233 | 4,787 |
| Apr-62 | 3,559 | 79,808 | 601 | 13,522 | | | 233 | 5,020 |
| May-62 | 3,562 | 83,370 | 601 | 14,123 | | | 233 | 5,253 |
| Jun-62 | 3,559 | 86,928 | 600 | 14,722 | | | 234 | 5,487 |
| Jul-62 | 3,560 | 90,488 | 602 | 15,324 | | | 233 | 5,720 |
| Aug-62 | 3,560 | 94,047 | 601 | 15,925 | | | 233 | 5,953 |
| Sep-62 | 3,561 | 97,608 | 601 | 16,525 | | | 233 | 6,186 |
| Oct-62 | 3,559 | 101,167 | 600 | 17,125 | | | 233 | 6,420 |
| Nov-62 | 3,560 | 104,726 | 601 | 17,726 | | | 233 | 6,653 |
| Dec-62 | 3,561 | 108,287 | 602 | 18,327 | | | 234 | 6,887 |
| Jan-63 | 3,738 | 112,025 | 724 | 19,051 | | | 132 | 7,019 |
| Feb-63 | 3,735 | 115,760 | 722 | 19,773 | | | 131 | 7,150 |
| Mar-63 | 3,738 | 119,498 | 725 | 20,498 | | | 132 | 7,282 |
| Apr-63 | 3,736 | 123,233 | 722 | 21,219 | | | 132 | 7,414 |
| May-63 | 3,738 | 126,971 | 725 | 21,944 | | | 132 | 7,546 |
| Jun-63 | 3,736 | 130,707 | 723 | 22,667 | | | 131 | 7,677 |
| Jul-63 | 3,738 | 134,444 | 724 | 23,391 | | | 132 | 7,810 |
| Aug-63 | 4,776 | 139,220 | 743 | 24,134 | | | 132 | 7,942 |
| Sep-63 | 4,774 | 143,994 | 741 | 24,874 | | | 131 | 8,073 |

PRODATA

| | | | | | | |
|--------|-------|---------|-------|---------|-----|-------|
| Oct-63 | 4,775 | 148,769 | 743 | 25,617 | 132 | 8,205 |
| Nov-63 | 4,774 | 153,542 | 740 | 26,357 | 132 | 8,337 |
| Dec-63 | 4,777 | 158,319 | 744 | 27,101 | 132 | 8,469 |
| Jan-64 | 4,901 | 163,220 | 569 | 27,670 | 0 | 8,469 |
| Feb-64 | 4,899 | 168,119 | 565 | 28,234 | 0 | 8,469 |
| Mar-64 | 4,901 | 173,021 | 568 | 28,802 | 0 | 8,469 |
| Apr-64 | 4,899 | 177,920 | 564 | 29,366 | 0 | 8,469 |
| May-64 | 4,901 | 182,821 | 569 | 29,934 | 0 | 8,469 |
| Jun-64 | 4,900 | 187,721 | 564 | 30,499 | 0 | 8,469 |
| Jul-64 | 4,899 | 192,620 | 568 | 31,066 | 0 | 8,469 |
| Aug-64 | 4,900 | 197,520 | 567 | 31,633 | 0 | 8,469 |
| Sep-64 | 4,901 | 202,421 | 567 | 32,200 | 0 | 8,469 |
| Oct-64 | 4,900 | 207,322 | 567 | 32,766 | 0 | 8,469 |
| Nov-64 | 4,900 | 212,222 | 565 | 33,331 | 0 | 8,469 |
| Dec-64 | 4,902 | 217,124 | 568 | 33,899 | 0 | 8,469 |
| Jan-65 | 4,854 | 221,979 | 1,311 | 35,210 | 0 | 8,469 |
| Feb-65 | 4,852 | 226,831 | 1,308 | 36,518 | 0 | 8,469 |
| Mar-65 | 4,854 | 231,685 | 1,311 | 37,829 | 0 | 8,469 |
| Apr-65 | 4,855 | 236,540 | 1,308 | 39,137 | 0 | 8,469 |
| May-65 | 4,854 | 241,395 | 1,311 | 40,448 | 0 | 8,469 |
| Jun-65 | 4,854 | 246,249 | 1,308 | 41,755 | 0 | 8,469 |
| Jul-65 | 4,855 | 251,104 | 1,311 | 43,066 | 0 | 8,469 |
| Aug-65 | 4,855 | 255,959 | 1,311 | 44,377 | 0 | 8,469 |
| Sep-65 | 4,854 | 260,813 | 1,308 | 45,685 | 0 | 8,469 |
| Oct-65 | 4,854 | 265,668 | 1,311 | 46,996 | 0 | 8,469 |
| Nov-65 | 4,854 | 270,522 | 1,309 | 48,305 | 0 | 8,469 |
| Dec-65 | 4,857 | 275,379 | 1,312 | 49,617 | 0 | 8,469 |
| Jan-66 | 5,291 | 280,670 | 2,316 | 51,933 | 0 | 8,469 |
| Feb-66 | 5,287 | 285,957 | 2,313 | 54,247 | 0 | 8,469 |
| Mar-66 | 5,290 | 291,247 | 2,314 | 56,561 | 0 | 8,469 |
| Apr-66 | 5,289 | 296,536 | 2,315 | 58,876 | 0 | 8,469 |
| May-66 | 5,291 | 301,827 | 2,316 | 61,192 | 0 | 8,469 |
| Jun-66 | 5,287 | 307,115 | 2,314 | 63,506 | 0 | 8,469 |
| Jul-66 | 5,290 | 312,405 | 2,315 | 65,822 | 0 | 8,469 |
| Aug-66 | 5,290 | 317,695 | 2,316 | 68,137 | 0 | 8,469 |
| Sep-66 | 5,288 | 322,983 | 2,314 | 70,452 | 0 | 8,469 |
| Oct-66 | 5,290 | 328,273 | 2,315 | 72,767 | 0 | 8,469 |
| Nov-66 | 5,288 | 333,562 | 2,314 | 75,082 | 0 | 8,469 |
| Dec-66 | 5,290 | 338,852 | 2,317 | 77,398 | 0 | 8,469 |
| Jan-67 | 5,698 | 344,550 | 1,995 | 79,393 | 0 | 8,469 |
| Feb-67 | 5,696 | 350,245 | 1,991 | 81,384 | 0 | 8,469 |
| Mar-67 | 5,698 | 355,943 | 1,994 | 83,379 | 0 | 8,469 |
| Apr-67 | 5,697 | 361,640 | 1,991 | 85,370 | 0 | 8,469 |
| May-67 | 5,698 | 367,337 | 1,995 | 87,365 | 0 | 8,469 |
| Jun-67 | 5,696 | 373,033 | 1,992 | 89,356 | 0 | 8,469 |
| Jul-67 | 5,698 | 378,731 | 1,993 | 91,350 | 0 | 8,469 |
| Aug-67 | 5,697 | 384,428 | 1,994 | 93,344 | 0 | 8,469 |
| Sep-67 | 5,697 | 390,124 | 1,992 | 95,337 | 0 | 8,469 |
| Oct-67 | 5,697 | 395,821 | 1,992 | 97,329 | 0 | 8,469 |
| Nov-67 | 5,698 | 401,519 | 1,992 | 99,322 | 0 | 8,469 |
| Dec-67 | 5,698 | 407,217 | 1,995 | 101,316 | 0 | 8,469 |
| Jan-68 | 6,449 | 413,666 | 2,619 | 103,935 | 0 | 8,469 |
| Feb-68 | 6,447 | 420,113 | 2,617 | 106,552 | 0 | 8,469 |
| Mar-68 | 6,450 | 426,563 | 2,618 | 109,169 | 0 | 8,469 |
| Apr-68 | 6,448 | 433,011 | 2,618 | 111,787 | 0 | 8,469 |

PRODATA

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|--------|-------|---------|-------|---------|---|-------|
| May-68 | 6,450 | 439,461 | 2,619 | 114,406 | 0 | 8,469 |
| Jun-68 | 6,448 | 445,909 | 2,619 | 117,024 | 0 | 8,469 |
| Jul-68 | 6,448 | 452,357 | 2,618 | 119,642 | 0 | 8,469 |
| Aug-68 | 6,449 | 458,807 | 2,619 | 122,261 | 0 | 8,469 |
| Sep-68 | 6,449 | 465,255 | 2,617 | 124,877 | 0 | 8,469 |
| Oct-68 | 6,449 | 471,705 | 2,619 | 127,496 | 0 | 8,469 |
| Nov-68 | 6,448 | 478,153 | 2,618 | 130,114 | 0 | 8,469 |
| Dec-68 | 6,450 | 484,603 | 2,620 | 132,734 | 0 | 8,469 |
| Jan-69 | 5,755 | 490,358 | 7,328 | 140,061 | 0 | 8,469 |
| Feb-69 | 5,753 | 496,110 | 7,325 | 147,386 | 0 | 8,469 |
| Mar-69 | 5,755 | 501,865 | 7,327 | 154,712 | 0 | 8,469 |
| Apr-69 | 5,754 | 507,619 | 7,327 | 162,039 | 0 | 8,469 |
| May-69 | 5,755 | 513,373 | 7,327 | 169,365 | 0 | 8,469 |
| Jun-69 | 5,753 | 519,126 | 7,326 | 176,691 | 0 | 8,469 |
| Jul-69 | 5,754 | 524,880 | 7,328 | 184,018 | 0 | 8,469 |
| Aug-69 | 5,756 | 530,636 | 7,327 | 191,345 | 0 | 8,469 |
| Sep-69 | 5,753 | 536,388 | 7,327 | 198,671 | 0 | 8,469 |
| Oct-69 | 5,754 | 542,142 | 7,327 | 205,998 | 0 | 8,469 |
| Nov-69 | 5,753 | 547,895 | 7,326 | 213,323 | 0 | 8,469 |
| Dec-69 | 5,756 | 553,651 | 7,328 | 220,651 | 0 | 8,469 |
| Jan-70 | 4,491 | 558,141 | 7,341 | 227,992 | 0 | 8,469 |
| Feb-70 | 3,591 | 561,733 | 6,369 | 234,361 | 0 | 8,469 |
| Mar-70 | 4,018 | 565,751 | 7,579 | 241,940 | 0 | 8,469 |
| Apr-70 | 3,967 | 569,718 | 8,040 | 249,979 | 0 | 8,469 |
| May-70 | 3,844 | 573,562 | 7,953 | 257,932 | 0 | 8,469 |
| Jun-70 | 2,867 | 576,429 | 6,528 | 264,460 | 0 | 8,469 |
| Jul-70 | 3,734 | 580,163 | 8,239 | 272,699 | 0 | 8,469 |
| Aug-70 | 3,115 | 583,278 | 9,182 | 281,882 | 0 | 8,469 |
| Sep-70 | 3,079 | 586,357 | 8,127 | 290,009 | 0 | 8,469 |
| Oct-70 | 3,282 | 589,639 | 8,694 | 298,703 | 0 | 8,469 |
| Nov-70 | 3,235 | 592,874 | 8,591 | 307,294 | 0 | 8,469 |
| Dec-70 | 2,891 | 595,766 | 7,897 | 315,191 | 0 | 8,469 |
| Jan-71 | 3,000 | 598,766 | 7,448 | 322,639 | 0 | 8,469 |
| Feb-71 | 2,712 | 601,478 | 7,500 | 330,138 | 0 | 8,469 |
| Mar-71 | 3,374 | 604,852 | 7,814 | 337,952 | 0 | 8,469 |
| Apr-71 | 2,888 | 607,740 | 7,836 | 345,788 | 0 | 8,469 |
| May-71 | 2,712 | 610,452 | 7,368 | 353,155 | 0 | 8,469 |
| Jun-71 | 2,307 | 612,758 | 7,987 | 361,143 | 0 | 8,469 |
| Jul-71 | 2,482 | 615,241 | 7,705 | 368,847 | 0 | 8,469 |
| Aug-71 | 2,312 | 617,552 | 2,990 | 371,837 | 0 | 8,469 |
| Sep-71 | 2,441 | 619,993 | 3,159 | 374,996 | 0 | 8,469 |
| Oct-71 | 2,181 | 622,175 | 3,828 | 378,824 | 0 | 8,469 |
| Nov-71 | 1,867 | 624,042 | 2,176 | 381,000 | 0 | 8,469 |
| Dec-71 | 1,717 | 625,758 | 2,449 | 383,449 | 0 | 8,469 |
| Jan-72 | 1,600 | 627,358 | 2,073 | 385,522 | 0 | 8,469 |
| Feb-72 | 1,583 | 628,942 | 2,014 | 387,536 | 0 | 8,469 |
| Mar-72 | 1,542 | 630,484 | 3,297 | 390,833 | 0 | 8,469 |
| Apr-72 | 1,454 | 631,938 | 3,485 | 394,318 | 0 | 8,469 |
| May-72 | 1,642 | 633,580 | 3,731 | 398,049 | 0 | 8,469 |
| Jun-72 | 1,325 | 634,905 | 3,462 | 401,511 | 0 | 8,469 |
| Jul-72 | 1,443 | 636,347 | 4,325 | 405,837 | 0 | 8,469 |
| Aug-72 | 1,529 | 637,876 | 5,485 | 411,322 | 0 | 8,469 |
| Sep-72 | 1,653 | 639,529 | 5,549 | 416,871 | 0 | 8,469 |
| Oct-72 | 1,493 | 641,022 | 5,011 | 421,881 | 0 | 8,469 |
| Nov-72 | 1,378 | 642,401 | 5,793 | 427,675 | 0 | 8,469 |

PRODATA

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|--------|-------|---------|-------|---------|---|-------|
| Dec-72 | 1,334 | 643,734 | 5,720 | 433,394 | 0 | 8,469 |
| Jan-73 | 1,194 | 644,928 | 5,258 | 438,652 | 0 | 8,469 |
| Feb-73 | 1,113 | 646,041 | 5,634 | 444,286 | 0 | 8,469 |
| Mar-73 | 1,216 | 647,257 | 4,223 | 448,508 | 0 | 8,469 |
| Apr-73 | 1,444 | 648,701 | 4,702 | 453,211 | 0 | 8,469 |
| May-73 | 1,276 | 649,977 | 4,641 | 457,851 | 0 | 8,469 |
| Jun-73 | 1,491 | 651,468 | 4,868 | 462,719 | 0 | 8,469 |
| Jul-73 | 1,552 | 653,021 | 5,799 | 468,518 | 0 | 8,469 |
| Aug-73 | 1,458 | 654,479 | 5,585 | 474,103 | 0 | 8,469 |
| Sep-73 | 1,156 | 655,635 | 5,110 | 479,213 | 0 | 8,469 |
| Oct-73 | 1,064 | 656,699 | 5,585 | 484,798 | 0 | 8,469 |
| Nov-73 | 1,148 | 657,847 | 4,310 | 489,108 | 0 | 8,469 |
| Dec-73 | 741 | 658,588 | 4,699 | 493,808 | 0 | 8,469 |
| Jan-74 | 888 | 659,476 | 3,579 | 497,387 | 0 | 8,469 |
| Feb-74 | 961 | 660,437 | 4,079 | 501,466 | 0 | 8,469 |
| Mar-74 | 817 | 661,255 | 4,875 | 506,340 | 0 | 8,469 |
| Apr-74 | 879 | 662,133 | 4,499 | 510,839 | 0 | 8,469 |
| May-74 | 1,105 | 663,238 | 5,244 | 516,084 | 0 | 8,469 |
| Jun-74 | 858 | 664,096 | 3,722 | 519,806 | 0 | 8,469 |
| Jul-74 | 799 | 664,896 | 4,292 | 524,098 | 0 | 8,469 |
| Aug-74 | 833 | 665,728 | 4,820 | 528,919 | 0 | 8,469 |
| Sep-74 | 693 | 666,422 | 3,853 | 532,772 | 0 | 8,469 |
| Oct-74 | 1,116 | 667,538 | 4,726 | 537,498 | 0 | 8,469 |
| Nov-74 | 920 | 668,458 | 4,388 | 541,885 | 0 | 8,469 |
| Dec-74 | 730 | 669,188 | 1,891 | 543,776 | 0 | 8,469 |
| Jan-75 | 433 | 669,621 | 1,795 | 545,571 | 0 | 8,469 |
| Feb-75 | 772 | 670,393 | 2,219 | 547,790 | 0 | 8,469 |
| Mar-75 | 764 | 671,157 | 1,880 | 549,670 | 0 | 8,469 |
| Apr-75 | 630 | 671,787 | 1,649 | 551,319 | 0 | 8,469 |
| May-75 | 577 | 672,363 | 1,679 | 552,999 | 0 | 8,469 |
| Jun-75 | 653 | 673,016 | 1,748 | 554,746 | 0 | 8,469 |
| Jul-75 | 591 | 673,608 | 1,319 | 556,066 | 0 | 8,469 |
| Aug-75 | 567 | 674,175 | 1,412 | 557,478 | 0 | 8,469 |
| Sep-75 | 599 | 674,773 | 1,505 | 558,983 | 0 | 8,469 |
| Oct-75 | 618 | 675,391 | 980 | 559,962 | 0 | 8,469 |
| Nov-75 | 533 | 675,924 | 900 | 560,862 | 0 | 8,469 |
| Dec-75 | 636 | 676,560 | 1,672 | 562,534 | 0 | 8,469 |
| Jan-76 | 517 | 677,077 | 748 | 563,282 | 0 | 8,469 |
| Feb-76 | 543 | 677,619 | 1,327 | 564,609 | 0 | 8,469 |
| Mar-76 | 630 | 678,250 | 1,601 | 566,209 | 0 | 8,469 |
| Apr-76 | 569 | 678,819 | 1,275 | 567,485 | 0 | 8,469 |
| May-76 | 541 | 679,361 | 1,306 | 568,791 | 0 | 8,469 |
| Jun-76 | 575 | 679,936 | 1,246 | 570,037 | 0 | 8,469 |
| Jul-76 | 546 | 680,481 | 1,235 | 571,272 | 0 | 8,469 |
| Aug-76 | 601 | 681,082 | 1,680 | 572,952 | 0 | 8,469 |
| Sep-76 | 572 | 681,654 | 1,454 | 574,407 | 0 | 8,469 |
| Oct-76 | 589 | 682,244 | 1,314 | 575,721 | 0 | 8,469 |
| Nov-76 | 575 | 682,819 | 1,344 | 577,066 | 0 | 8,469 |
| Dec-76 | 445 | 683,264 | 983 | 578,048 | 0 | 8,469 |
| Jan-77 | 468 | 683,732 | 1,428 | 579,476 | 0 | 8,469 |
| Feb-77 | 318 | 684,049 | 1,278 | 580,754 | 0 | 8,469 |
| Mar-77 | 593 | 684,642 | 2,084 | 582,838 | 0 | 8,469 |
| Apr-77 | 585 | 685,227 | 1,982 | 584,820 | 0 | 8,469 |
| May-77 | 485 | 685,712 | 713 | 585,533 | 0 | 8,469 |
| Jun-77 | 544 | 686,256 | 1,885 | 587,418 | 0 | 8,469 |

PRODATA

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|--------|-----|---------|-------|---------|---|-------|
| Jul-77 | 531 | 686,787 | 1,795 | 589,213 | 0 | 8,469 |
| Aug-77 | 519 | 687,306 | 1,874 | 591,088 | 0 | 8,469 |
| Sep-77 | 626 | 687,931 | 832 | 591,920 | 0 | 8,469 |
| Oct-77 | 528 | 688,459 | 1,034 | 592,954 | 0 | 8,469 |
| Nov-77 | 560 | 689,019 | 1,089 | 594,043 | 0 | 8,469 |
| Dec-77 | 418 | 689,437 | 980 | 595,023 | 0 | 8,469 |
| Jan-78 | 358 | 689,795 | 1,278 | 596,301 | 0 | 8,469 |
| Feb-78 | 414 | 690,209 | 1,386 | 597,687 | 0 | 8,469 |
| Mar-78 | 570 | 690,779 | 1,625 | 599,312 | 0 | 8,469 |
| Apr-78 | 540 | 691,318 | 1,515 | 600,827 | 0 | 8,469 |
| May-78 | 550 | 691,869 | 1,505 | 602,332 | 0 | 8,469 |
| Jun-78 | 503 | 692,372 | 1,250 | 603,582 | 0 | 8,469 |
| Jul-78 | 523 | 692,895 | 1,387 | 604,969 | 0 | 8,469 |
| Aug-78 | 80 | 692,975 | 245 | 605,214 | 0 | 8,469 |
| Sep-78 | 643 | 693,618 | 1,756 | 606,970 | 0 | 8,469 |
| Oct-78 | 488 | 694,105 | 1,299 | 608,269 | 0 | 8,469 |
| Nov-78 | 482 | 694,587 | 1,247 | 609,516 | 0 | 8,469 |
| Dec-78 | 299 | 694,885 | 868 | 610,384 | 0 | 8,469 |
| Jan-79 | 345 | 695,230 | 1,048 | 611,432 | 0 | 8,469 |
| Feb-79 | 401 | 695,632 | 1,096 | 612,528 | 0 | 8,469 |
| Mar-79 | 438 | 696,070 | 1,091 | 613,619 | 0 | 8,469 |
| Apr-79 | 470 | 696,540 | 1,170 | 614,789 | 0 | 8,469 |
| May-79 | 458 | 696,998 | 1,142 | 615,931 | 0 | 8,469 |
| Jun-79 | 408 | 697,406 | 1,015 | 616,946 | 0 | 8,469 |
| Jul-79 | 326 | 697,732 | 812 | 617,758 | 0 | 8,469 |
| Aug-79 | 305 | 698,036 | 759 | 618,518 | 0 | 8,469 |
| Sep-79 | 487 | 698,523 | 2,032 | 620,549 | 0 | 8,469 |
| Oct-79 | 478 | 699,001 | 1,793 | 622,342 | 0 | 8,469 |
| Nov-79 | 444 | 699,445 | 1,457 | 623,799 | 0 | 8,469 |
| Dec-79 | 559 | 700,003 | 1,422 | 625,221 | 0 | 8,469 |
| Jan-80 | 570 | 700,573 | 1,749 | 626,970 | 0 | 8,469 |
| Feb-80 | 586 | 701,159 | 1,786 | 628,756 | 0 | 8,469 |
| Mar-80 | 635 | 701,794 | 1,828 | 630,584 | 0 | 8,469 |
| Apr-80 | 617 | 702,411 | 1,610 | 632,195 | 0 | 8,469 |
| May-80 | 544 | 702,954 | 1,441 | 633,636 | 0 | 8,469 |
| Jun-80 | 561 | 703,516 | 1,440 | 635,076 | 0 | 8,469 |
| Jul-80 | 591 | 704,106 | 1,472 | 636,548 | 0 | 8,469 |
| Aug-80 | 499 | 704,606 | 1,243 | 637,791 | 0 | 8,469 |
| Sep-80 | 531 | 705,136 | 1,323 | 639,114 | 0 | 8,469 |
| Oct-80 | 527 | 705,663 | 1,313 | 640,426 | 0 | 8,469 |
| Nov-80 | 474 | 706,137 | 1,181 | 641,607 | 0 | 8,469 |
| Dec-80 | 441 | 706,578 | 1,099 | 642,706 | 0 | 8,469 |
| Jan-81 | 523 | 707,101 | 1,302 | 644,008 | 0 | 8,469 |
| Feb-81 | 469 | 707,569 | 1,167 | 645,176 | 0 | 8,469 |
| Mar-81 | 450 | 708,020 | 1,122 | 646,297 | 0 | 8,469 |
| Apr-81 | 419 | 708,439 | 1,044 | 647,341 | 0 | 8,469 |
| May-81 | 313 | 708,751 | 780 | 648,120 | 0 | 8,469 |
| Jun-81 | 372 | 709,123 | 927 | 649,047 | 0 | 8,469 |
| Jul-81 | 232 | 709,356 | 579 | 649,626 | 0 | 8,469 |
| Aug-81 | 437 | 709,793 | 1,089 | 650,715 | 0 | 8,469 |
| Sep-81 | 375 | 710,168 | 934 | 651,649 | 0 | 8,469 |
| Oct-81 | 286 | 710,454 | 714 | 652,362 | 0 | 8,469 |
| Nov-81 | 529 | 710,983 | 1,318 | 653,680 | 0 | 8,469 |
| Dec-81 | 401 | 711,384 | 1,000 | 654,680 | 0 | 8,469 |

PRODATA

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|--------|-----|---------|-------|---------|---|-------|
| Jan-82 | 384 | 711,768 | 957 | 655,637 | 0 | 8,469 |
| Feb-82 | 493 | 712,261 | 957 | 656,594 | 0 | 8,469 |
| Mar-82 | 531 | 712,792 | 1,020 | 657,614 | 0 | 8,469 |
| Apr-82 | 497 | 713,289 | 990 | 658,604 | 0 | 8,469 |
| May-82 | 228 | 713,517 | 563 | 659,168 | 0 | 8,469 |
| Jun-82 | 135 | 713,652 | 335 | 659,503 | 0 | 8,469 |
| Jul-82 | 136 | 713,787 | 338 | 659,841 | 0 | 8,469 |
| Aug-82 | 124 | 713,912 | 310 | 660,150 | 0 | 8,469 |
| Sep-82 | 378 | 714,289 | 355 | 660,506 | 0 | 8,469 |
| Oct-82 | 519 | 714,808 | 683 | 661,189 | 0 | 8,469 |
| Nov-82 | 269 | 715,077 | 612 | 661,801 | 0 | 8,469 |
| Dec-82 | 300 | 715,377 | 426 | 662,227 | 0 | 8,469 |
| Jan-83 | 273 | 715,650 | 521 | 662,748 | 0 | 8,469 |
| Feb-83 | 450 | 716,100 | 749 | 663,497 | 0 | 8,469 |
| Mar-83 | 166 | 716,266 | 277 | 663,774 | 0 | 8,469 |
| Apr-83 | 460 | 716,726 | 964 | 664,738 | 0 | 8,469 |
| May-83 | 296 | 717,022 | 582 | 665,320 | 0 | 8,469 |
| Jun-83 | 216 | 717,238 | 528 | 665,848 | 0 | 8,469 |
| Jul-83 | 155 | 717,393 | 386 | 666,233 | 0 | 8,469 |
| Aug-83 | 276 | 717,669 | 688 | 666,922 | 0 | 8,469 |
| Sep-83 | 178 | 717,847 | 445 | 667,366 | 0 | 8,469 |
| Oct-83 | 209 | 718,056 | 521 | 667,887 | 0 | 8,469 |
| Nov-83 | 147 | 718,203 | 365 | 668,252 | 0 | 8,469 |
| Dec-83 | 205 | 718,407 | 511 | 668,763 | 0 | 8,469 |
| Jan-84 | 258 | 718,665 | 643 | 669,405 | 0 | 8,469 |
| Feb-84 | 156 | 718,821 | 389 | 669,794 | 0 | 8,469 |
| Mar-84 | 101 | 718,922 | 252 | 670,046 | 0 | 8,469 |
| Apr-84 | 154 | 719,076 | 384 | 670,429 | 0 | 8,469 |
| May-84 | 111 | 719,187 | 277 | 670,706 | 0 | 8,469 |
| Jun-84 | 165 | 719,352 | 411 | 671,117 | 0 | 8,469 |
| Jul-84 | 181 | 719,533 | 452 | 671,569 | 0 | 8,469 |
| Aug-84 | 208 | 719,741 | 518 | 672,087 | 0 | 8,469 |
| Sep-84 | 188 | 719,929 | 470 | 672,557 | 0 | 8,469 |
| Oct-84 | 150 | 720,079 | 374 | 672,930 | 0 | 8,469 |
| Nov-84 | 122 | 720,201 | 305 | 673,235 | 0 | 8,469 |
| Dec-84 | 100 | 720,301 | 249 | 673,483 | 0 | 8,469 |
| Jan-85 | 117 | 720,418 | 292 | 673,776 | 0 | 8,469 |
| Feb-85 | 89 | 720,507 | 221 | 673,997 | 0 | 8,469 |
| Mar-85 | 170 | 720,677 | 424 | 674,421 | 0 | 8,469 |
| Apr-85 | 200 | 720,877 | 497 | 674,919 | 0 | 8,469 |
| May-85 | 157 | 721,034 | 391 | 675,309 | 0 | 8,469 |
| Jun-85 | 124 | 721,158 | 310 | 675,619 | 0 | 8,469 |
| Jul-85 | 121 | 721,279 | 302 | 675,921 | 0 | 8,469 |
| Aug-85 | 43 | 721,322 | 0 | 675,921 | 0 | 8,469 |
| Sep-85 | 256 | 721,578 | 637 | 676,559 | 0 | 8,469 |
| Oct-85 | 0 | 721,578 | 0 | 676,559 | 0 | 8,469 |
| Nov-85 | 9 | 721,587 | 23 | 676,582 | 0 | 8,469 |
| Dec-85 | 50 | 721,637 | 125 | 676,707 | 0 | 8,469 |
| Jan-86 | 143 | 721,780 | 355 | 677,062 | 0 | 8,469 |
| Feb-86 | 98 | 721,877 | 244 | 677,306 | 0 | 8,469 |
| Mar-86 | 133 | 722,011 | 333 | 677,639 | 0 | 8,469 |
| Apr-86 | 7 | 722,018 | 14 | 677,653 | 0 | 8,469 |
| May-86 | 6 | 722,024 | 12 | 677,665 | 0 | 8,469 |
| Jun-86 | 123 | 722,147 | 308 | 677,973 | 0 | 8,469 |
| Jul-86 | 105 | 722,252 | 262 | 678,235 | 0 | 8,469 |

PRODATA

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|--------|------|---------|-------|---------|-----|--------|
| Aug-86 | 6 | 722,259 | 13 | 678,247 | 0 | 8,469 |
| Sep-86 | 4 | 722,263 | 8 | 678,255 | 0 | 8,469 |
| Oct-86 | 0 | 722,263 | 0 | 678,255 | 0 | 8,469 |
| Nov-86 | 8 | 722,271 | 10 | 678,265 | 0 | 8,469 |
| Dec-86 | 0 | 722,271 | 0 | 678,265 | 0 | 8,469 |
| Jan-87 | 7 | 722,278 | 23 | 678,287 | 0 | 8,469 |
| Feb-87 | 7 | 722,285 | 29 | 678,316 | 0 | 8,469 |
| Mar-87 | 387 | 722,672 | 15 | 678,331 | 0 | 8,469 |
| Apr-87 | 1935 | 724,606 | 20 | 678,350 | 0 | 8,469 |
| May-87 | 1861 | 726,467 | 35 | 678,385 | 0 | 8,469 |
| Jun-87 | 2274 | 728,741 | 34 | 678,420 | 0 | 8,469 |
| Jul-87 | 1961 | 730,702 | 37 | 678,456 | 0 | 8,469 |
| Aug-87 | 2846 | 733,548 | 43 | 678,499 | 0 | 8,469 |
| Sep-87 | 2866 | 736,414 | 43 | 678,542 | 0 | 8,469 |
| Oct-87 | 3690 | 740,104 | 37 | 678,579 | 0 | 8,469 |
| Nov-87 | 3537 | 743,641 | 38 | 678,617 | 0 | 8,469 |
| Dec-87 | 5700 | 749,341 | 41 | 678,658 | 0 | 8,469 |
| Jan-88 | 4974 | 754,314 | 21 | 678,679 | 0 | 8,469 |
| Feb-88 | 5560 | 759,874 | 48 | 678,727 | 0 | 8,469 |
| Mar-88 | 6236 | 766,110 | 143 | 678,869 | 0 | 8,469 |
| Apr-88 | 6866 | 772,976 | 140 | 679,009 | 0 | 8,469 |
| May-88 | 5244 | 778,220 | 140 | 679,149 | 0 | 8,469 |
| Jun-88 | 5037 | 783,257 | 120 | 679,269 | 0 | 8,469 |
| Jul-88 | 4607 | 787,863 | 120 | 679,389 | 0 | 8,469 |
| Aug-88 | 4146 | 792,009 | 113 | 679,501 | 0 | 8,469 |
| Sep-88 | 3685 | 795,694 | 105 | 679,606 | 0 | 8,469 |
| Oct-88 | 4610 | 800,305 | 728 | 680,334 | 0 | 8,469 |
| Nov-88 | 3656 | 803,961 | 773 | 681,107 | 0 | 8,469 |
| Dec-88 | 3081 | 807,041 | 806 | 681,913 | 0 | 8,469 |
| Jan-89 | 2779 | 809,820 | 806 | 682,719 | 0 | 8,469 |
| Feb-89 | 2428 | 812,248 | 642 | 683,361 | 0 | 8,469 |
| Mar-89 | 2461 | 814,708 | 1,576 | 684,937 | 0 | 8,469 |
| Apr-89 | 2473 | 817,181 | 1,728 | 686,665 | 0 | 8,469 |
| May-89 | 3703 | 820,884 | 744 | 687,409 | 0 | 8,469 |
| Jun-89 | 513 | 821,397 | 1,876 | 689,285 | 0 | 8,469 |
| Jul-89 | 2524 | 823,921 | 1,480 | 690,765 | 0 | 8,469 |
| Aug-89 | 2494 | 826,415 | 1,611 | 692,376 | 0 | 8,469 |
| Sep-89 | 2256 | 828,671 | 1,519 | 693,895 | 0 | 8,469 |
| Oct-89 | 2354 | 831,025 | 1,687 | 695,581 | 0 | 8,469 |
| Nov-89 | 2093 | 833,118 | 1,460 | 697,041 | 0 | 8,469 |
| Dec-89 | 1868 | 834,986 | 1,153 | 698,194 | 0 | 8,469 |
| Jan-90 | 2090 | 837,076 | 1,719 | 699,913 | 0 | 8,469 |
| Feb-90 | 2136 | 839,212 | 1,999 | 701,912 | 78 | 8,547 |
| Mar-90 | 1966 | 841,178 | 2,173 | 704,085 | 619 | 9,166 |
| Apr-90 | 1687 | 842,865 | 1,300 | 705,385 | 695 | 9,861 |
| May-90 | 1515 | 844,379 | 1,355 | 706,740 | 430 | 10,291 |
| Jun-90 | 1061 | 845,440 | 561 | 707,301 | 580 | 10,871 |
| Jul-90 | 1699 | 847,139 | 625 | 707,926 | 280 | 11,151 |
| Aug-90 | 2320 | 849,459 | 1,140 | 709,066 | 185 | 11,336 |
| Sep-90 | 2215 | 851,673 | 693 | 709,759 | 850 | 12,186 |
| Oct-90 | 1997 | 853,670 | 640 | 710,399 | 688 | 12,874 |
| Nov-90 | 2227 | 855,897 | 630 | 711,029 | 769 | 13,643 |
| Dec-90 | 1360 | 857,257 | 703 | 711,732 | 617 | 14,260 |
| Jan-91 | 1235 | 858,492 | 668 | 712,400 | 586 | 14,846 |
| Feb-91 | 1605 | 860,097 | 601 | 713,000 | 355 | 15,201 |

PRODATA

| | | | | | | |
|--------|------|-----------|-------|---------|-------|--------|
| Mar-91 | 1915 | 862,012 | 659 | 713,659 | 565 | 15,766 |
| Apr-91 | 1554 | 863,566 | 630 | 714,288 | 349 | 16,115 |
| May-91 | 1568 | 865,135 | 700 | 714,988 | 237 | 16,352 |
| Jun-91 | 1391 | 866,526 | 672 | 715,659 | 277 | 16,629 |
| Jul-91 | 1504 | 868,029 | 626 | 716,285 | 262 | 16,891 |
| Aug-91 | 1490 | 869,519 | 729 | 717,014 | 375 | 17,266 |
| Sep-91 | 1326 | 870,845 | 726 | 717,740 | 433 | 17,699 |
| Oct-91 | 1337 | 872,182 | 745 | 718,485 | 185 | 17,884 |
| Nov-91 | 1192 | 873,374 | 718 | 719,202 | 173 | 18,057 |
| Dec-91 | 1170 | 874,544 | 734 | 719,936 | 193 | 18,250 |
| Jan-92 | 1966 | 876,510 | 1,230 | 721,166 | 384 | 18,634 |
| Feb-92 | 2476 | 878,987 | 1,514 | 722,680 | 391 | 19,025 |
| Mar-92 | 2144 | 881,131 | 1,504 | 724,183 | 818 | 19,843 |
| Apr-92 | 2125 | 883,256 | 1,393 | 725,576 | 785 | 20,628 |
| May-92 | 1590 | 884,846 | 1,048 | 726,624 | 971 | 21,599 |
| Jun-92 | 1970 | 886,816 | 1,068 | 727,693 | 932 | 22,531 |
| Jul-92 | 1731 | 888,547 | 1,027 | 728,719 | 687 | 23,218 |
| Aug-92 | 1798 | 890,345 | 1,041 | 729,760 | 902 | 24,120 |
| Sep-92 | 1789 | 892,135 | 994 | 730,753 | 696 | 24,816 |
| Oct-92 | 2247 | 894,382 | 1,093 | 731,846 | 719 | 25,535 |
| Nov-92 | 3736 | 898,117 | 1,052 | 732,898 | 1,343 | 26,878 |
| Dec-92 | 2930 | 901,047 | 1,070 | 733,968 | 1,012 | 27,890 |
| Jan-93 | 2584 | 903,631 | 857 | 734,825 | 1,082 | 28,972 |
| Feb-93 | 2170 | 905,801 | 776 | 735,600 | 589 | 29,561 |
| Mar-93 | 2185 | 907,985 | 897 | 736,497 | 462 | 30,023 |
| Apr-93 | 2155 | 910,140 | 869 | 737,366 | 495 | 30,518 |
| May-93 | 2191 | 912,331 | 866 | 738,232 | 593 | 31,111 |
| Jun-93 | 2914 | 915,245 | 1,661 | 739,892 | 441 | 31,552 |
| Jul-93 | 3408 | 918,653 | 2,197 | 742,089 | 113 | 31,665 |
| Aug-93 | 2649 | 921,301 | 1,464 | 743,553 | 0 | 31,665 |
| Sep-93 | 2407 | 923,708 | 1,277 | 744,830 | 20 | 31,685 |
| Oct-93 | 2514 | 926,222 | 1,359 | 746,189 | 0 | 31,685 |
| Nov-93 | 2255 | 928,477 | 1,063 | 747,251 | 0 | 31,685 |
| Dec-93 | 2438 | 930,915 | 1,154 | 748,405 | 0 | 31,685 |
| Jan-94 | 2321 | 933,236 | 2,041 | 750,446 | 37 | 31,722 |
| Feb-94 | 4102 | 937,338 | 2,819 | 753,265 | 443 | 32,165 |
| Mar-94 | 3878 | 941,216 | 1,604 | 754,869 | 354 | 32,519 |
| Apr-94 | 4806 | 946,022 | 2,415 | 757,284 | 674 | 33,193 |
| May-94 | 4873 | 950,894 | 3,732 | 761,016 | 632 | 33,825 |
| Jun-94 | 6595 | 957,489 | 4,552 | 765,568 | 788 | 34,613 |
| Jul-94 | 8731 | 966,220 | 3,729 | 769,297 | 648 | 35,261 |
| Aug-94 | 8521 | 974,741 | 3,270 | 772,567 | 1,363 | 36,623 |
| Sep-94 | 9588 | 984,329 | 2,693 | 775,259 | 3,802 | 40,425 |
| Oct-94 | 8558 | 992,887 | 2,753 | 778,012 | 3,598 | 44,022 |
| Nov-94 | 7896 | 1,000,782 | 2,903 | 780,915 | 3,594 | 47,616 |
| Dec-94 | 7390 | 1,008,172 | 2,660 | 783,575 | 4,075 | 51,691 |
| Jan-95 | 8115 | 1,016,288 | 3,523 | 787,098 | 4,680 | 56,371 |
| Feb-95 | 6886 | 1,023,174 | 3,157 | 790,255 | 4,722 | 61,093 |
| Mar-95 | 6713 | 1,029,886 | 2,693 | 792,947 | 3,972 | 65,065 |
| Apr-95 | 6032 | 1,035,918 | 3,178 | 796,125 | 3,446 | 68,511 |
| May-95 | 6257 | 1,042,175 | 6,203 | 802,328 | 3,269 | 71,780 |
| Jun-95 | 5909 | 1,048,084 | 2,871 | 805,199 | 3,171 | 74,950 |
| Jul-95 | 5371 | 1,053,455 | 2,736 | 807,935 | 3,355 | 78,305 |
| Aug-95 | 4555 | 1,058,010 | 2,359 | 810,294 | 3,395 | 81,700 |
| Sep-95 | 4990 | 1,062,999 | 2,281 | 812,575 | 2,534 | 84,234 |

PRODATA

| | | | | | | |
|--------|------|-----------|-------|-----------|-------|---------|
| Oct-95 | 6229 | 1,069,228 | 2,997 | 815,573 | 2,063 | 86,297 |
| Nov-95 | 6669 | 1,075,897 | 2,303 | 817,875 | 2,427 | 88,724 |
| Dec-95 | 6000 | 1,081,898 | 2,689 | 820,565 | 2,276 | 91,000 |
| Jan-96 | 4754 | 1,086,652 | 2,265 | 822,830 | 2,057 | 93,057 |
| Feb-96 | 4177 | 1,090,829 | 1,947 | 824,777 | 1,862 | 94,920 |
| Mar-96 | 5568 | 1,096,397 | 3,219 | 827,996 | 2,249 | 97,169 |
| Apr-96 | 5634 | 1,102,030 | 3,393 | 831,388 | 2,377 | 99,545 |
| May-96 | 4743 | 1,106,773 | 3,032 | 834,420 | 2,623 | 102,168 |
| Jun-96 | 4640 | 1,111,413 | 3,502 | 837,921 | 2,408 | 104,577 |
| Jul-96 | 4970 | 1,116,382 | 3,576 | 841,497 | 2,649 | 107,226 |
| Aug-96 | 5402 | 1,121,785 | 3,950 | 845,446 | 2,530 | 109,756 |
| Sep-96 | 5067 | 1,126,851 | 4,103 | 849,549 | 2,379 | 112,135 |
| Oct-96 | 5386 | 1,132,238 | 4,221 | 853,770 | 2,340 | 114,475 |
| Nov-96 | 5117 | 1,137,355 | 4,166 | 857,936 | 2,142 | 116,616 |
| Dec-96 | 4517 | 1,141,872 | 3,923 | 861,859 | 2,080 | 118,696 |
| Jan-97 | 3903 | 1,145,775 | 4,747 | 866,607 | 1,968 | 120,664 |
| Feb-97 | 4680 | 1,150,455 | 5,344 | 871,950 | 2,065 | 122,729 |
| Mar-97 | 5032 | 1,155,487 | 6,358 | 878,309 | 2,282 | 125,011 |
| Apr-97 | 4501 | 1,159,988 | 6,254 | 884,563 | 2,129 | 127,140 |
| May-97 | 4355 | 1,164,343 | 4,921 | 889,484 | 2,255 | 129,395 |
| Jun-97 | 4291 | 1,168,634 | 4,573 | 894,057 | 2,149 | 131,544 |
| Jul-97 | 4363 | 1,172,998 | 6,252 | 900,308 | 2,270 | 133,814 |
| Aug-97 | 3967 | 1,176,965 | 8,312 | 908,620 | 1,880 | 135,694 |
| Sep-97 | 3761 | 1,180,725 | 6,858 | 915,478 | 1,895 | 137,589 |
| Oct-97 | 3685 | 1,184,410 | 7,443 | 922,921 | 2,100 | 139,689 |
| Nov-97 | 3841 | 1,188,251 | 7,015 | 929,937 | 2,101 | 141,790 |
| Dec-97 | 3332 | 1,191,583 | 4,748 | 934,685 | 2,109 | 143,899 |
| Jan-98 | 3281 | 1,194,864 | 4,030 | 938,715 | 2,286 | 146,185 |
| Feb-98 | 2667 | 1,197,531 | 3,616 | 942,331 | 1,735 | 147,920 |
| Mar-98 | 3492 | 1,201,024 | 3,957 | 946,287 | 2,022 | 149,942 |
| Apr-98 | 3169 | 1,204,193 | 4,238 | 950,525 | 1,998 | 151,940 |
| May-98 | 3417 | 1,207,610 | 1,888 | 952,413 | 1,811 | 153,751 |
| Jun-98 | 3683 | 1,211,293 | 6,515 | 958,928 | 2,339 | 156,090 |
| Jul-98 | 3480 | 1,214,774 | 6,879 | 965,806 | 2,308 | 158,398 |
| Aug-98 | 3590 | 1,218,364 | 6,290 | 972,096 | 2,311 | 160,709 |
| Sep-98 | 3354 | 1,221,717 | 6,090 | 978,186 | 2,419 | 163,128 |
| Oct-98 | 3306 | 1,225,024 | 7,174 | 985,360 | 2,483 | 165,611 |
| Nov-98 | 3685 | 1,228,709 | 4,429 | 989,788 | 2,327 | 167,938 |
| Dec-98 | 2866 | 1,231,575 | 4,800 | 994,589 | 2,184 | 170,122 |
| Jan-99 | 2600 | 1,234,174 | 3,640 | 998,229 | 1,980 | 172,102 |
| Feb-99 | 2831 | 1,237,005 | 4,629 | 1,002,858 | 1,395 | 173,497 |
| Mar-99 | 3289 | 1,240,294 | 5,268 | 1,008,126 | 2,273 | 175,770 |
| Apr-99 | 3438 | 1,243,732 | 4,879 | 1,013,004 | 1,905 | 177,676 |
| May-99 | 3472 | 1,247,204 | 4,770 | 1,017,775 | 2,119 | 179,794 |
| Jun-99 | 2987 | 1,250,191 | 3,790 | 1,021,564 | 2,178 | 181,973 |
| Jul-99 | 2931 | 1,253,122 | 4,421 | 1,025,985 | 2,135 | 184,108 |
| Aug-99 | 2286 | 1,255,408 | 4,721 | 1,030,707 | 1,705 | 185,812 |
| Sep-99 | 2444 | 1,257,853 | 5,030 | 1,035,737 | 1,726 | 187,538 |
| Oct-99 | 2917 | 1,260,770 | 4,655 | 1,040,392 | 2,029 | 189,567 |
| Nov-99 | 2393 | 1,263,163 | 4,729 | 1,045,122 | 1,081 | 190,648 |
| Dec-99 | 2774 | 1,265,937 | 4,141 | 1,049,262 | 1,392 | 192,039 |
| Jan-00 | 2340 | 1,268,277 | 4,055 | 1,053,317 | 1,267 | 193,306 |
| Feb-00 | 2318 | 1,270,595 | 3,461 | 1,056,778 | 1,024 | 194,330 |
| Mar-00 | 2520 | 1,273,115 | 4,063 | 1,060,840 | 1,450 | 195,779 |
| Apr-00 | 2415 | 1,275,530 | 4,699 | 1,065,539 | 1,298 | 197,078 |

PRODATA

| | | | | | | | | |
|--------|-------|-----------|-------|-----------|--------|--------|-------|---------|
| May-00 | 2821 | 1,278,351 | 4,585 | 1,070,125 | | | 1,319 | 198,397 |
| Jun-00 | 2890 | 1,281,241 | 4,229 | 1,074,354 | | | 1,667 | 200,064 |
| Jul-00 | 2961 | 1,284,202 | 4,744 | 1,079,098 | | | 1,698 | 201,761 |
| Aug-00 | 2718 | 1,286,920 | 3,789 | 1,082,887 | | | 1,594 | 203,355 |
| Sep-00 | 2652 | 1,289,572 | 3,397 | 1,086,285 | | | 1,548 | 204,903 |
| Oct-00 | 2777 | 1,292,348 | 3,675 | 1,089,959 | | | 1,504 | 206,407 |
| Nov-00 | 2398 | 1,294,746 | 4,174 | 1,094,133 | | | 1,346 | 207,753 |
| Dec-00 | 2831 | 1,297,577 | 3,247 | 1,097,380 | | | 1,393 | 209,146 |
| Jan-01 | 2506 | 1,300,083 | 2,389 | 1,099,768 | | | 1,331 | 210,477 |
| Feb-01 | 2478 | 1,302,562 | 2,614 | 1,102,383 | | | 1,268 | 211,745 |
| Mar-01 | 2900 | 1,305,462 | 2,939 | 1,105,322 | | | 1,508 | 213,252 |
| Apr-01 | 2436 | 1,307,898 | 2,927 | 1,108,249 | | | 1,342 | 214,594 |
| May-01 | 2967 | 1,310,865 | 2,871 | 1,111,120 | | | 1,545 | 216,138 |
| Jun-01 | 2453 | 1,313,317 | 2,149 | 1,113,269 | | | 1,316 | 217,454 |
| Jul-01 | 2928 | 1,316,246 | 1,831 | 1,115,100 | | | 1,337 | 218,791 |
| Aug-01 | 2431 | 1,318,677 | 3,040 | 1,118,140 | | | 1,512 | 220,303 |
| Sep-01 | 2245 | 1,320,921 | 2,402 | 1,120,542 | | | 1,550 | 221,852 |
| Oct-01 | 2223 | 1,323,144 | 2,796 | 1,123,338 | | | 1,323 | 223,175 |
| Nov-01 | 1818 | 1,324,962 | 450 | 1,123,788 | | | 682 | 223,857 |
| Dec-01 | 1421 | 1,326,383 | 3,148 | 1,126,936 | | | 1,396 | 225,253 |
| Jan-02 | 1719 | 1,328,103 | 2,800 | 1,129,736 | | | 1,162 | 226,415 |
| Feb-02 | 1494 | 1,329,597 | 2,700 | 1,132,436 | | | 920 | 227,335 |
| Mar-02 | 2442 | 1,332,039 | 3,014 | 1,135,450 | | | 1,492 | 228,828 |
| Apr-02 | 2,394 | 1,334,432 | 4328 | 1,139,777 | | | 1519 | 230,347 |
| May-02 | 2,706 | 1,337,138 | 3492 | 1,143,269 | | | 1679 | 232,025 |
| Jun-02 | 2,203 | 1,339,342 | 9265 | 1,152,534 | | | 1552 | 233,577 |
| Jul-02 | 2,235 | 1,341,577 | 5998 | 1,158,532 | | | 1627 | 235,204 |
| Aug-02 | 2,389 | 1,343,966 | 4196 | 1,162,729 | | | 1691 | 236,895 |
| Sep-02 | 2,091 | 1,346,057 | 4544 | 1,167,272 | | | 1457 | 238,352 |
| Oct-02 | 2,623 | 1,348,680 | 4964 | 1,172,236 | | | 1518 | 239,870 |
| Nov-02 | 2,711 | 1,351,391 | 17547 | 1,189,783 | | | 1231 | 241,100 |
| Dec-02 | 2,442 | 1,353,833 | 19240 | 1,209,022 | | | 1159 | 242,259 |
| Jan-03 | 1,918 | 1,355,750 | 17341 | 1,226,364 | | | 929 | 243,188 |
| Feb-03 | 1,776 | 1,357,526 | 14087 | 1,240,451 | | | 1012 | 244,200 |
| Mar-03 | 2,139 | 1,359,665 | 17343 | 1,257,794 | | | 1436 | 245,636 |
| Apr-03 | 5,230 | 1,364,895 | 29340 | 1,287,134 | | | 1360 | 246,996 |
| May-03 | 6348 | 1,371,243 | 19350 | 1,306,484 | 5069 | 5069 | 1171 | 248,167 |
| Jun-03 | 5,524 | 1,376,767 | 6681 | 1,313,165 | 15,576 | 20645 | 1318 | 249,485 |
| Jul-03 | 5,275 | 1,382,042 | 3799 | 1,316,964 | 15,124 | 35769 | 2582 | 252,067 |
| Aug-03 | 6,672 | 1,388,714 | 4241 | 1,321,205 | 36,546 | 72315 | 3270 | 255,337 |
| Sep-03 | 4,702 | 1,393,416 | 4022 | 1,325,227 | 33,430 | 105745 | 2712 | 258,049 |
| Oct-03 | 3,041 | 1,396,457 | 3308 | 1,328,535 | 38,336 | 144081 | 1817 | 259,866 |
| Nov-03 | 3,138 | 1,399,595 | 2816 | 1,331,351 | 35,624 | 179705 | 1586 | 261,452 |
| Dec-03 | 3,747 | 1,403,342 | 2057 | 1,333,408 | 33,489 | 213194 | 1445 | 262,897 |
| Jan-04 | 5,810 | 1,409,152 | 2740 | 1,336,148 | 30,843 | 244037 | 2097 | 264,994 |
| Feb-04 | 4,809 | 1,413,961 | 2883 | 1,339,031 | 26,458 | 270495 | 1745 | 266,739 |
| Mar-04 | 6,174 | 1,420,135 | 4448 | 1,343,479 | 35,040 | 305535 | 1455 | 268,194 |
| Apr-04 | 5,180 | 1,425,315 | 3526 | 1,347,005 | 47,928 | 353463 | 1290 | 269,484 |
| May-04 | 6,549 | 1,431,864 | 3929 | 1,350,934 | 58,167 | 411630 | 1621 | 271,105 |
| Jun-04 | 7,900 | 1,439,764 | 4864 | 1,355,798 | 62,224 | 473854 | 1671 | 272,776 |

PRODATA

| Oil Cum Since Unitization | Oil Cum Since Waterflood | Water Cum Since Unitization | Water Cum Since Waterflood | MCF Cum Since Unitization | MCF Cum Since Waterflood | Oil Sales |
|--|---|--|---|--|---|------------------|
|--|---|--|---|--|---|------------------|

| UNIT | WELL | TEST | | MONTH | MONTH |
|-------------------|--------------------|------|------|-------------|---------------|
| WELL# | WELL NAME | BOPD | BWPD | OIL PROD | WATER PROD |
| 434 | Scharbauer 1-4 | 9 | 14 | 212 | 417 |
| 443 | | 77 | 17 | 1810 | 506 |
| 444 | Scharbauer 3-4 | 54 | 26 | 1270 | 774 |
| 611 | Conoco State 2-16 | 2 | 2 | 47 | 60 |
| 613 | BF State 3-16 | 2 | 6 | 47 | 179 |
| <i>Fig.</i> - 621 | Conoco State 1-16 | 0 | 0 | 0 | 0 |
| 632 | BF State 1-16 | 1 | 3 | 24 | 89 |
| 922 | Barber Federal 1-9 | 5 | 10 | 118 | 298 |
| 923 | Grove Fed 1-9 | 9 | 5 | 212 | 149 |
| 924 | WIW | 0 | 0 | 0 | 0 |
| 931 | Federal 2-9 | 1 | 1 | 24 | 30 |
| 932 | Federal 1-9 | 3 | 7 | 71 | 208 |
| 933 | Grover Fed 3-9 | 16 | 9 | 376 | 268 |
| 941 | Federal 5-9 | 0 | 0 | 0 | 0 |
| 942 | Federal 6-9 | 6 | 7 | 141 | 208 |
| 943 | Federal 7-9 | 1 | 0 | 24 | 0 |
| 944 | Federal 8-9 | 4 | 3 | 94 | 89 |
| 945 | WIW | 0 | 0 | 0 | 0 |
| 946 | | 86 | 23 | 2022 | 685 |
| | | 270 | 650 | 6348 | 19350 |

WEST TEAS UNIT
JUNE 2004
UNIT PRODUCTION SUMMARY

OIL 7,900
GAS 1,671
WATER 4,864

| UNIT WELL# | WELL NAME | JUNE TEST | | | JUNE PROD | | | REMARKS | CUM. OIL PROD |
|---------------|--------------------|-----------|-----|-------|-----------|------|-------|-----------|------------------|
| | | OIL | MCF | WATER | OIL | MCF | WATER | | |
| 433 | Anasazi State 3-4 | 0 | 0 | 0 | 0 | 0 | 0 | Converted | 0 |
| 434 | Scharbauer 1-4 | 9 | 4 | 14 | 258 | 103 | 512 | | 88143 |
| 443 | | 77 | 9 | 17 | 2204 | 231 | 622 | | 24366 |
| 444 | Scharbauer 3-4 | 54 | 10 | 26 | 1546 | 257 | 951 | | 91562 |
| 611 | Conoco State 2-16 | 2 | 0 | 2 | 57 | 0 | 73 | | 9145 |
| 613 | BF State 3-16 | 2 | 1 | 6 | 57 | 26 | 219 | | 22212 |
| 621 | Conoco State 1-16 | 0 | 0 | 0 | 0 | 0 | 0 | 7R - WSW | 980 |
| 632 | BF State 1-16 | 1 | 0 | 3 | 29 | 0 | 110 | | 249775 |
| 912 | Barber Federal 2-9 | 0 | 0 | 0 | 0 | 0 | 0 | Converted | 0 |
| 913 | Grover Fed 2-9 | 0 | 0 | 0 | 0 | 0 | 0 | Converted | 0 |
| 921 | Federal 3-9 | 0 | 0 | 0 | 0 | 0 | 0 | Converted | 0 |
| 922 | Barber Federal 1-9 | 5 | 1 | 10 | 143 | 26 | 366 | | 77474 |
| 923 | Grove Fed 1-9 | 9 | 4 | 5 | 258 | 103 | 183 | | 79468 |
| 924 | WIW | 0 | 0 | 0 | 0 | 0 | 0 | Converted | 149 |
| 931 | Federal 2-9 | 1 | 0 | 1 | 29 | 0 | 37 | | 46878 |
| 932 | Federal 1-9 | 3 | 3 | 7 | 86 | 77 | 256 | | 29410 |
| 933 | Grover Fed 3-9 | 16 | 4 | 9 | 458 | 103 | 329 | | 18363 |
| 941 | WIW | 0 | 0 | 0 | 0 | 0 | 0 | Converted | 52450 |
| 942 | Federal 6-9 | 6 | 4 | 7 | 172 | 103 | 256 | | 35147 |
| 943 | Federal 7-9 | 1 | 1 | 0 | 29 | 26 | 0 | | 3011 |
| 944 | Federal 8-9 | 4 | 3 | 3 | 114 | 77 | 110 | | 19761 |
| 945 | WIW | 0 | 0 | 0 | 0 | 0 | 0 | Converted | 10458 |
| 946 | | 86 | 21 | 23 | 2462 | 540 | 841 | | 13401 |
| | | 276 | 65 | 133 | 7900 | 1671 | 4,864 | 872155 | |

RBDMS NEW MEXICO 2004

[Edit](#)
[Inquiry](#)
[Switchboard](#)
[User Queries](#)
[Refresh Data](#)


API Well Number :

OGRID Name :

Property Name :

Pool Name :

County :

Well Type :

Well Status :

Permit :

Section

Land

Township

Dir.

Range

Dir.

Company

Inspection

Well Master

Scheduler

Mech. Int. Tests

Well History

Data Action

Inactive Detail

Env. Inspections

Admin Permits

Inactive Mat.

Incidents

Hearing Orders

R U N

Pool Master

Compliance

Surf Facilities

 Close all
Functions
and Exit
RBDMS

Clear Criteria Fields

 Make User Table for
Group Inspection, 'Sync',
Schedule Prevent, Etc!

Apply Selection Criteria



| API WELL # | Well # | Oper | Type | Stat | Coun | Surf | UL | Sec | Twp | N/S | Rng | W/E | Feet | NS | Ft | EW | Order |
|--------------------|--------|------|------|------|------|------|----|-----|------|-----|------|--------|--------|----|-------|----|-------|
| 30-025-01740-00-00 | W 632 | CH | O | A | Lea | S | G | 16 | 20 S | | 33 E | 1980 N | 1980 E | 03 | | | |
| 30-025-01743-00-00 | W 622 | CH | O | A | Lea | S | F | 16 | 20 S | | 33 E | 1980 N | 1980 W | 03 | | | |
| 30-025-29861-00-00 | W 923 | CH | O | A | Lea | F | K | 9 | 20 S | | 33 E | 1980 S | 1650 W | 04 | | | |
| 30-025-29900-00-00 | W 922 | CH | O | A | Lea | F | F | 9 | 20 S | | 33 E | 1980 N | 1650 W | 04 | | | |
| 30-025-29971-00-00 | W 912 | CH | I | A | Lea | F | E | 9 | 20 S | | 33 E | 1980 N | 660 W | 04 | R-113 | | |
| 30-025-29972-00-00 | W 913 | CH | I | A | Lea | F | L | 9 | 20 S | | 33 E | 1980 S | 660 W | 04 | WFX- | | |
| 30-025-30239-00-00 | W 933 | CH | O | A | Lea | F | J | 9 | 20 S | | 33 E | 1980 S | 2310 E | 04 | | | |
| 30-025-31035-00-00 | W 932 | CH | O | A | Lea | F | G | 9 | 20 S | | 33 E | 2310 N | 2310 E | 04 | | | |
| 30-025-31718-00-00 | W 931 | CH | O | A | Lea | F | B | 9 | 20 S | | 33 E | 990 N | 2110 E | 04 | | | |
| 30-025-31856-00-00 | W 600 | CH | S | A | Lea | S | G | 16 | 20 S | | 33 E | 1730 N | 1980 E | 04 | | | |
| 30-025-31857-00-00 | W 434 | CH | O | A | Lea | P | O | 4 | 20 S | | 33 E | 660 S | 1980 E | 04 | | | |
| 30-025-31896-00-00 | W 921 | CH | I | A | Lea | F | C | 9 | 20 S | | 33 E | 330 N | 2310 W | 04 | | | |
| 30-025-32012-00-00 | W 444 | CH | O | A | Lea | S | P | 4 | 20 S | | 33 E | 660 S | 660 E | 04 | | | |
| 30-025-32032-00-00 | W 433 | CH | I | A | Lea | S | J | 4 | 20 S | | 33 E | 1650 S | 1980 E | 04 | | | |
| 30-025-32217-00-00 | W 941 | CH | I | A | Lea | F | A | 9 | 20 S | | 33 E | 330 N | 990 E | 04 | WFX- | | |
| 30-025-32517-00-00 | W 942 | CH | O | A | Lea | F | H | 9 | 20 S | | 33 E | 1650 N | 990 E | 04 | | | |
| 30-025-32779-00-00 | W 613 | CH | O | A | Lea | S | L | 16 | 20 S | | 33 E | 2310 S | 990 W | 03 | | | |
| 30-025-33004-00-00 | W 943 | CH | O | A | Lea | F | I | 9 | 20 S | | 33 E | 2310 S | 990 E | 04 | WFX- | | |
| 30-025-33144-00-00 | W 641 | CH | S | A | Lea | S | A | 16 | 20 S | | 33 E | 330 N | 330 E | 04 | SWD- | | |
| 30-025-33286-00-00 | W 611 | CH | O | A | Lea | S | C | 16 | 20 S | | 33 E | 330 N | 2310 W | 03 | | | |
| 30-025-33295-00-00 | W 944 | CH | O | A | Lea | F | P | 9 | 20 S | | 33 E | 990 S | 990 E | 03 | | | |
| 30-025-33697-00-00 | W 621 | CH | O | A | Lea | S | D | 16 | 20 S | | 33 E | 990 N | 990 W | 03 | | | |
| 30-025-35976-00-00 | W 443 | CH | O | A | Lea | S | I | 4 | 20 S | | 33 E | 1855 S | 660 E | 04 | WFX- | | |
| 30-025-36073-00-00 | W 924 | CH | I | A | Lea | F | F | 9 | 20 S | | 33 E | 2560 N | 2210 W | 04 | WFX- | | |
| 30-025-36079-00-00 | W 945 | CH | I | A | Lea | F | H | 9 | 20 S | | 33 E | 2612 N | 330 E | 04 | WFX- | | |
| 30-025-36412-00-00 | W 946 | CH | O | A | Lea | F | A | 9 | 20 S | | 33 E | 990 N | 330 E | 04 | | | |



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor

Jennifer A. Salisbury

Cabinet Secretary

June 27, 2000

Lori Wrotenbery

Director

Oil Conservation Division

Department of Taxation and Revenue
P.O. Box 630
Santa Fe, New Mexico 87509-0630

Attention: John Chavez, Secretary

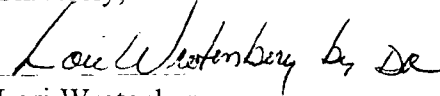
Re: *Certification of EOR Project
Falcon Creek Resources, Inc.
West Teas (Yates-Seven Rivers)
Unit Waterflood Project*

Dear Secretary Chavez:

Enclosed is a copy of the certification issued to Falcon Creek Resources, Inc. for its West Teas (Yates-Seven Rivers) Unit Waterflood Project, certified by this Division effective June 27, 2000, to be a qualified enhanced oil recovery project. If the operator applies for certification of a positive production response within five years from the effective certification date, this project will be eligible for the recovered oil tax rate as provided in the "New Mexico Enhanced Oil Recovery Act," Sections 7-29A-1 through 7-29A-5, NMSA, 1978.

Only oil production from that portion of the lands identified in the certification, that is actually developed for enhanced oil recovery, will be eligible for the reduced tax rate. At the time positive production response is certified, we will identify for you the specific lands and wells within the project which qualify for the recovered oil tax rate.

Sincerely,


Lori Wrotenbery
Director

LW/DRC

Enclosure

Xc: File-EOR-50



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor

Jennifer A. Salisbury

Cabinet Secretary

Lori Wrotenbery

Director

Oil Conservation Division

June 27, 2000

Falcon Creek Resources, Inc.
621 17th Street
Suite 1800
Denver, Colorado 80293

Attention: Mr. David P. Stimack

CERTIFICATION OF ENHANCED OIL RECOVERY PROJECT FOR RECOVERED OIL TAX RATE

The New Mexico Oil Conservation Division hereby certifies that the following Enhanced Oil Recovery Project has been approved by the Division as a secondary recovery project pursuant to the provisions of the "*New Mexico Enhanced Oil Recovery Act*," Sections 7-29A-1 through 7-29A-5, NMSA 1978. In order to qualify for the recovered oil tax rate, you must apply for certification of positive production response within five years from the date of this certification. Only production from that portion of the project area identified herein which is actually developed for enhanced recovery will qualify for the reduced tax rate.

If operation of this project is terminated for any reason, the operator of the project must notify this Division and the Secretary of the Taxation and Revenue Department not later than the thirtieth day after termination.

| | |
|---------------------|---|
| NAME OF PROJECT: | West Teas (Yates-Seven Rivers) Unit Waterflood Project |
| OCD ORDER NO. | R-11375 |
| OPERATOR: | <u>Falcon Creek Resources, Inc.</u> |
| ADDRESS: | 621 17 th Street, Suite 1800 Denver, Colorado 80293 |
| CERTIFICATION DATE: | June 27, 2000 |

EOR Project Certification
West Teas (Yates-Seven Rivers) Unit
Waterflood Project

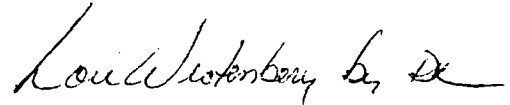
PROJECT AREA:

Township 20 South, Range 33 East, NMPM

Section 4: SE/4
Section 9: NE/4, NE/4 NW/4, S/2 NW/4 and S/2
Section 16: N/2, N/2 SW/4 and NW/4 SE/4
Section 17: E/2 NE/4 and NE/4 SE/4

APPROVED BY:

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION



LORI WROTENBERY
DIRECTOR

Xc: File-EOR 50
Mr. John Chavez, Secretary
New Mexico Taxation and Revenue Department



FALCON CREEK RESOURCES, INC

621 Seventeenth Street
Suite 1800
Denver, Colorado 80293
Office 303-675-0007
Fax 303-675-0008

May 26, 2000

MAY 30 2000

Ms. Lori Wrotenbery, Director
Oil Conservation Division
New Mexico Department of Energy, Minerals and Natural Resources
2040 South Pacheco
Santa Fe, New Mexico 87505

RE: WEST TEAS (YATES – SEVEN RIVERS) UNIT AREA
Division Order No. R-11375
Lea County, New Mexico

Dear Ms. Wrotenbery:

Falcon Creek Resources, Inc., the operator of the West Teas (Yates – Seven Rivers) Unit Area, approved by Division Order No. R-11375, hereby requests the Division to issue a Certificate of Qualification for the unit area. A draft Certificate is enclosed.

Thanking you in advance for your prompt attention to this matter, I remain,

Very truly yours,

David P. Stimack, CPL
Contract Landman

Enclosure

**CERTIFICATE OF QUALIFICATION
OF AN
ENHANCED OIL RECOVERY PROJECT**

The New Mexico Conservation Division hereby certifies that the following Enhanced Oil Recovery Project has been approved by the Division as a secondary project, pursuant to the provisions of the New Mexico Enhanced Oil Recovery Act (Sections 7-29A-1 through 7-29A-5, NMSA 1978). In order to qualify for the Recovered Oil Tax Rate, you must apply to the Division for certification of a positive production response within five years from the date of this certificate. Only production from that portion of the project area identified herein which is actually developed for enhanced recovery will qualify for the reduced tax rate.

If operation of this project is terminated for any reason, the operator of the project must notify this Division and the Secretary of the Taxation and Revenue Department not later than the thirtieth day after termination.

NAME OF PROJECT: West Teas (Yates – Seven Rivers) Unit Area

DIVISION ORDER NO.: R-11375

OPERATOR'S ADDRESS: Falcon Creek Resources, Inc.
621 Seventeenth Street, Suite 1800
Denver, Colorado 80293
Attn: Lynn D. Becker, Land Manager

CERTIFICATION DATE: June ____, 2000

INITIAL PROJECT AREA:

Township 20 South, Range 33 East, N.M.P.M.

Section 4: SE/4

Section 9: NE/4, NE/4 NW/4, S/2 NW/4, S/2

Section 16: N/2, N/2 SW/4, NW/4 SE/4

Section 17: E/2 NE/4, NE/4 SE/4

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

Lori Wrotenberg, Director

**CERTIFICATE OF QUALIFICATION
OF AN
ENHANCED OIL RECOVERY PROJECT**

The New Mexico Conservation Division hereby certifies that the following Enhanced Oil Recovery Project has been approved by the Division as a secondary project, pursuant to the provisions of the New Mexico Enhanced Oil Recovery Act (Sections 7-29A-1 through 7-29A-5, NMSA 1978). In order to qualify for the Recovered Oil Tax Rate, you must apply to the Division for certification of a positive production response within five years from the date of this certificate. Only production from that portion of the project area identified herein which is actually developed for enhanced recovery will qualify for the reduced tax rate.

If operation of this project is terminated for any reason, the operator of the project must notify this Division and the Secretary of the Taxation and Revenue Department not later than the thirtieth day after termination.

NAME OF PROJECT: West Teas (Yates – Seven Rivers) Unit Area

DIVISION ORDER NO.: R-11375

OPERATOR'S ADDRESS: Falcon Creek Resources, Inc.
621 Seventeenth Street, Suite 1800
Denver, Colorado 80293
Attn: Lynn D. Becker, Land Manager

CERTIFICATION DATE: June ____, 2000

INITIAL PROJECT AREA:

Township 20 South, Range 33 East, N.M.P.M.

Section 4: SE/4

Section 9: NE/4, NE/4 NW/4, S/2 NW/4, S/2

Section 16: N/2, N/2 SW/4, NW/4 SE/4

Section 17: E/2 NE/4, NE/4 SE/4

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

Lori Wrotenbery, Director

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

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

**APPLICATION OF FALCON CREEK RESOURCES, INC.
FOR AUTHORITY TO INJECT WATER INTO SIX WELLS
IN THE PROPOSED TEAS (YATES - SEVEN RIVERS)
UNIT WATERFLOOD PROJECT AREA, LEA COUNTY,
NEW MEXICO.**

Case No. 12272

**APPLICATION OF FALCON CREEK RESOURCES, INC.
FOR STATUTORY UNITIZATION, LEA COUNTY, NEW
MEXICO.**

Case No. 12331

**APPLICATION OF FALCON CREEK RESOURCES, INC.
FOR APPROVAL OF A WATERFLOOD PROJECT AND
QUALIFICATION FOR THE RECOVERED OIL TAX RATE
PURSUANT TO THE ENHANCED OIL RECOVERY ACT,
LEA COUNTY, NEW MEXICO.**

Case No. 12332

Order No. R-11375

ORDER OF THE DIVISION

BY THE DIVISION:

These cases came on for hearing at 8:15 a.m. on February 17, 2000, at Santa Fe, New Mexico, before Examiner Michael E. Stogner.

NOW, on this 18th day of May, 2000, the Division Director, having considered the testimony, the record and the recommendations of the Examiner,

FINDS THAT:

(1) Due public notice has been given and the Division has jurisdiction of these cases and their subject matter.

(2) **Case No. 12272** was advertised as Falcon Creek Resources, Inc. ("Falcon Creek") seeking "...approval to inject water into the Yates and Seven Rivers formations,

West Teas-Yates Seven Rivers Pool, through 6 wells in its proposed Teas-Yates Seven Rivers Unit Waterflood Unit Waterflood Seven Rivers Pool, located in the following area:

LEA COUNTY, NEW MEXICO
TOWNSHIP 20 SOUTH, RANGE 33 EAST, NMPM

| | |
|-------------|--------|
| Section 4: | SE/4 |
| Section 9: | N/2 |
| Section 16: | NE/4." |

(3) In **Case No. 12331** Falcon Creek seeks the statutory unitization pursuant to the "Statutory Unitization Act," Sections 70-7-1 through 70-7-21, NMSA 1978, to establish a secondary recovery project, of all mineral interests in the designated and Undesignated West Teas Yates-Seven Rivers Pool in an area comprising 1320.00 acres, more or less, of state, federal, and fee lands in Lea County, New Mexico; this unitized area to henceforth be known as the West Teas (Yates-Seven Rivers) Unit Area. The applicant further seeks approval of the "*Unit Agreement*" and "*Unit Operating Agreement*," that were admitted in evidence at the time of the hearing as applicant's Exhibits No. 3 and 4.

(4) In **Case No. 12332** Falcon Creek seeks authority:

(a) to institute a waterflood project in its proposed West Teas (Yates-Seven Rivers) Unit Area by the injection of water into the designated and Undesignated West Teas Yates-Seven Rivers Pool through the gross perforated interval from approximately 3100 feet to 3400 feet in six wells to be converted from producing oil wells to injectors, as further described in attached Exhibit "A"; and

(b) to qualify this project for the recovered oil tax rate pursuant to the "New Mexico Enhanced Oil Recovery Act," Sections 7-29A-1 through 7-29A-5, NMSA 1978.

(5) The applicant proposes that the aforementioned West Teas (Yates-Seven Rivers) Unit Area comprise the following described area in Lea County, New Mexico:

TOWNSHIP 20 SOUTH, RANGE 33 EAST, NMPM

| | |
|-------------|------------------------------------|
| Section 4: | SE/4 |
| Section 9: | NE/4, NE/4 NW/4, S/2 NW/4, and S/2 |
| Section 16: | N/2, N/2 SW/4, and NW/4 SE/4 |
| Section 17: | E/2 NE/4 and NE/4 SE/4. |

| | | |
|-----------------------|------------------|---------------|
| <i>Federal lands:</i> | <i>720 acres</i> | <i>54.55%</i> |
| <i>State lands:</i> | <i>520 acres</i> | <i>39.39%</i> |
| <i>Fee lands:</i> | <i>80 acres</i> | <i>6.06%</i> |

(6) The application in Case No. 12272 contains so many errors so as to render it incomprehensible. However, according to the applicant, this case is a duplicate of Division Case No. 12332, and Falcon Creek requested at the hearing to dismiss Case No. 12272.

(7) Division Case No. 12272 should be dismissed.

(8) At the request of the applicant, Division Cases No. 12331 and 12332 were consolidated at the time of hearing for the purpose of presenting evidence.

(9) The vertical limits for the proposed unit include that stratigraphic interval underlying the West Teas (Yates-Seven Rivers) Unit Area found between the top of the Yates formation and the base of the Seven Rivers Formation. The top of the Yates formation is defined as all points underlying the unit area correlative to the depth of 3,062 feet, and the base of the Seven Rivers formation is defined as all points underlying the unit area correlative to the depth of 3,358 feet, as said depths are identified on the Compensated Neutron/Litho-Density Log for the Olsen Energy, Inc. Snyder-State Well No. 1 (**API No. 30-025-30543**), located 1980 feet from the North line and 660 feet from the East line (Unit H) of Section 16, Township 20 South, Range 33 East, NMPM, Lea County, New Mexico.

(10) The West Teas (Yates-Seven Rivers) Unit Area contains eighteen (18) separate tracts owned by approximately nine (9) different working interest owners. There are eleven (11) royalty owners and ten (10) overriding royalty owners in the proposed unit area.

(11) At the time of hearing, the owners of approximately 98 % of the working interests, and the owners of over 80 % of the royalty and overriding royalty interests, had voluntarily joined in the proposed unitization. The 80% royalty owner approval includes federal lands owned by the United States. The U. S. Bureau of Land Management has indicated its preliminary approval by designating the unit as logical for conducting secondary recovery operations, and the New Mexico Commissioner of Public Lands, acting on behalf of the state's trust lands, has preliminarily approved the proposed unitization.

(12) Applicant has conducted negotiations with interest owners within the proposed unit area for over one year. Therefore, the applicant has made a good faith effort to secure voluntary unitization within the above-described unit area.

(13) All interested parties who have not agreed to unitization were notified of the hearing by applicant. At the hearing in this matter, no party appeared or otherwise objected to this application.

(14) The wells currently producing within the proposed project area are in an advanced state of depletion and can properly be classified as "stripper wells."

(15) Falcon Creek proposes to institute a waterflood project at the expected cost of \$3.4 million for the secondary recovery of oil and associated gas, condensate, and all associated liquid hydrocarbons within and to be produced from the proposed West Teas (Yates-Seven Rivers) Unit Area. As a result of implementing waterflood operations, the applicant estimates that 2.1 million barrels of oil will ultimately be recovered from the project area that would otherwise not be recovered, thereby preventing waste.

(16) The unitized management, operation and further development of the West Teas (Yates-Seven Rivers) Unit Area, as proposed, is reasonable and necessary to effectively increase the ultimate recovery of oil and gas from the unit area.

(17) The estimated additional cost of the proposed unitized operations within the West Teas (Yates-Seven Rivers) Unit Area will not exceed the estimated value of the additional oil and gas plus a reasonable profit.

(18) The participation formulas contained in the Unitization Agreement allocate the produced and saved unitized substances to the separately owned tracts in the West Teas (Yates-Seven Rivers) Unit Area on a fair, reasonable, and equitable basis.

(19) Unitization and the adoption of the proposed unitized methods of operation will benefit the working interest owners and the royalty interest owners of the oil and gas rights within the unit area.

(20) The Unit Agreement and Unit Operating Agreement, as applied to the West Teas (Yates-Seven Rivers) Unit Area, provide for unitization and unit operation of the unit area upon terms and conditions that are fair, reasonable, and equitable, which include:

- (a) a participation formula that will result in fair, reasonable and equitable allocation to the separately owned tracts of the West Teas (Yates-Seven Rivers) Unit Area of all oil and gas that is produced from the West Teas

(Yates-Seven Rivers) Unit Area and that is saved, being the production that is (i) not used in the conduct of unit operations, or (ii) unavoidably lost;

- (b) a provision for the credits and charges to be made in the adjustment among the owners in the unit area for their respective investments in wells, tanks, pumps, machinery, materials and equipment contributed to the unit operations;
- (c) a provision governing how the costs of unit operations, including capital investments, will be determined and charged to the separately owned tracts and how said costs shall be paid, including a provision providing when, how, and by whom the unit production allocated to an owner who does not pay the share of the costs of unit operations charged to that owner or the interest of that owner may be sold and the proceeds applied to the payment of the costs;
- (d) a provision for carrying any working interest owner on a limited or carried basis, payable out of production, upon terms and conditions that are just and reasonable, and that allow an appropriate charge for interest for such service payable out of production;
- (e) a provision designating the operator of the unit and providing for the supervision and conduct of the unit operations, including the selection, removal or substitution of an operator from among the working interest owners to conduct the unit operations;
- (f) a provision for a voting procedure for the decision of matters to be decided by the

working interest owners in respect to which each working interest owner shall have a voting interest equal to its unit participation; and

- (g) a provision specifying the time when the unit operations shall commence and the manner in which, and the circumstances under which, the unit operations shall terminate and for the settlement of accounts upon such termination.

(21) The statutory unitization of the West Teas (Yates-Seven Rivers) Unit Area is in conformity with the above findings, will protect the correlative rights of all owners of interest within the proposed unit area, and should be approved.

(22) The operator of the proposed West Teas (Yates-Seven Rivers) Unit Waterflood Project should take all steps necessary to ensure that the injected water enters and remains confined to the proposed injection interval and is not permitted to escape from that interval and migrate into other formations or onto the surface from injection, production, or plugged and abandoned wells.

(23) Injection should be accomplished through plastic-lined tubing installed in a packer set within 100 feet of the upper-most injection perforations; the casing-tubing annulus in each well should be filled with an inert fluid and equipped with an approved gauge or leak detection device.

(24) Before injection operations begin, each injection well should be pressure tested throughout the interval from the surface down to the proposed upper-most perforation to ensure the mechanical integrity of each well.

(25) At the hearing the applicant requested a maximum injection pressure of 1200 psi, which is in excess of the State's standard 0.2 pound per foot of depth from the surface to the top-most injection perforation. The applicant did not support this request with adequate technical data; therefore, this request will be decided on a well-by-well basis.

(26) The injection wells or pressurization system should be so equipped as to limit injection pressure at the wellhead to no more than 0.2 pound per foot of depth from the surface to the top-most injection perforation; however, the Division Director should have the authority to administratively authorize a pressure limitation in excess of the pressure limitation described above upon a showing by the operator that such higher pressure will not

result in the fracturing of the injection formation or confining strata.

(27) The operator should give advanced notification to the supervisor of the Hobbs District Office of the Division of the date and time of the installation of injection equipment and of the mechanical integrity pressure tests in order that the same may be witnessed.

(28) The proposed waterflood project should be approved and the project should be governed by the provisions of Division Rules No. 701 through 708.

(29) The applicant further requests that the subject waterflood project be approved by the Division as a qualified Enhanced Oil Recovery Project ("EOR") pursuant to the "New Mexico Enhanced Oil Recovery Act," Sections 7-29A-1 through 7-29A-5, NMSA 1978.

(30) The evidence presented indicates that the subject waterflood project meets all criteria for certification.

(31) The approved project area should initially comprise the area described in Finding Paragraph No. (5) above.

(32) To be eligible for the EOR tax rate, prior to commencing injection operations the operator must request from the Division a Certificate of Qualification, which certificate will specify the proposed project area as described above.

(33) At such time as a positive production response occurs and within five years from the date of the Certificate of Qualification, the operator must apply to the Division for certification of a positive production response, which application shall identify the area actually benefiting from enhanced recovery operations and identify the specific wells the operator believes are eligible for the EOR tax rate. The Division may review the application administratively or set it for hearing. Based upon evidence presented, the Division will certify to the Department of Taxation and Revenue those lands and wells that are eligible for the EOR tax rate.

(34) The injection authority granted herein for any injection well should terminate one year after the effective date of this order if the operator has not commenced injection operations into the well, provided however the Division, upon written request by the operator, may grant an extension thereof for good cause shown.

IT IS THEREFORE ORDERED THAT:

(1) The application of Falcon Creek Resources, Inc. ("Falcon Creek") in Division **Case No. 12331** for statutory unitization of the West Teas (Yates-Seven Rivers) Unit, covering 1320.00 acres, more or less, of state, federal and fee lands in the designated and Undesignated West Teas (Yates-Seven Rivers) Pool, Lea County, New Mexico, is hereby approved for the purpose of establishing a waterflood project, pursuant to the "Statutory Unitization Act," Sections 70-7-1 through 70-7-21, NMSA 1978.

(2) The West Teas (Yates-Seven Rivers) Unit Agreement and the West Teas (Yates-Seven Rivers) Unit Operating Agreement, which were submitted to the Division at the time of hearing as Exhibits No. 3 and 4, respectively, are hereby incorporated by reference into this order.

(3) The area designated the West Teas (Yates-Seven Rivers) Unit Area shall comprise the following described acreage in Lea County, New Mexico:

TOWNSHIP 20 SOUTH, RANGE 33 EAST, NMPM

| | |
|-------------|------------------------------------|
| Section 4: | SE/4 |
| Section 9: | NE/4, NE/4 NW/4, S/2 NW/4, and S/2 |
| Section 16: | N/2, N/2 SW/4, and NW/4 SE/4 |
| Section 17: | E/2 NE/4 and NE/4 SE/4. |

| | | |
|------------------------------|-------------------------|----------------------|
| <i>Federal lands:</i> | <i>720 acres</i> | <i>54.55%</i> |
| <i>State lands:</i> | <i>520 acres</i> | <i>39.39%</i> |
| <i>Fee lands:</i> | <i>80 acres</i> | <i>6.06%</i> |

(4) The vertical limits of the above-described West Teas (Yates-Seven Rivers) Unit Area shall include that stratigraphic interval from the top of the Yates formation to the base of the Seven Rivers formation. The top of the Yates formation is defined as all points underlying the unit area correlative to the depth of 3,062 feet, and the base of the Seven Rivers formation is defined as all points underlying the unit area correlative to the depth of 3,358 feet, as said depths are identified on the Compensated Neutron/Litho-Density Log for the Olsen Energy, Inc. Snyder-State Well No. 1 (**API No. 30-025-30543**), located 1980 feet from the North line and 660 feet from the East line (Unit H) of Section 16, Township 20 South, Range 33 East, NMPM, Lea County, New Mexico.

(5) Since persons owning the required statutory minimum percentage of interest in the unit area have approved, ratified, or indicated their preliminary approval of the Unit

Agreement and the Unit Operating Agreement, the interests of all persons within the West Teas (Yates-Seven Rivers) Unit Area are hereby unitized whether or not such persons have approved the Unit Agreement or the Unit Operating Agreement in writing.

(6) The applicant as operator of the West Teas (Yates-Seven Rivers) Unit shall notify the Division Director in writing of the removal or substitution of the unit operator by any other working interest owner within the unit area.

IT IS FURTHER ORDERED THAT:

(7) As requested in Division Case No. 12332, Falcon Creek is hereby authorized to institute a waterflood project in the above-described West Teas (Yates-Seven Rivers) Unit Area by the injection of water into the designated and Undesignated West Teas (Yates-Seven Rivers) Pool through six wells further described in Exhibit "A," attached hereto and made a part hereof.

(8) In compliance with Division Rule 701.G (3), the waterflood project area, for allowable and tax credit purposes, shall comprise the following described 1320.00 acres in Lea County, New Mexico:

TOWNSHIP 20 SOUTH, RANGE 33 EAST, NMPM

| | |
|-------------|------------------------------------|
| Section 4: | SE/4 |
| Section 9: | NE/4, NE/4 NW/4, S/2 NW/4, and S/2 |
| Section 16: | N/2, N/2 SW/4, and NW/4 SE/4 |
| Section 17: | E/2 NE/4 and NE/4 SE/4. |

(9) The applicant shall take all steps necessary to ensure that the injected water enters and remains confined to the proposed injection interval and is not permitted to escape to other formations or onto the surface from injection, production, or plugged and abandoned wells.

(10) Injection shall be accomplished through plastic-lined tubing installed in a packer set within 100 feet of the upper-most injection perforations; the casing-tubing annulus in each well shall be filled with an inert fluid and equipped with an approved gauge or leak detection device.

(11) The six water injection wells, as described in Exhibit "A," or their pressurization system shall be so equipped as to limit injection pressure at the wellhead to no more than 0.2 pound per foot of depth from the surface to the top-most injection perforation.

(12) The Division Director shall have the authority to administratively authorize a pressure limitation in excess of the pressure limitation described above upon a showing by the operator that such higher pressure will not result in the fracturing of the injection formation or confining strata.

(13) Before injection operations begin, each injection well shall be pressure tested throughout the interval from the surface down to the proposed upper-most perforation to ensure the mechanical integrity of each well.

(14) The operator shall give advanced notification to the supervisor of the Division's Hobbs District Office of the date and time of the installation of injection equipment and of the mechanical integrity pressure tests in order that the same may be witnessed.

(15) The operator shall immediately notify the supervisor of the Division's Hobbs District Office of the failure of the tubing, casing, or packer assembly in any of the injection wells, or the leakage of water or oil from any producing well or any plugged and abandoned well within the project area, and shall take such steps as may be timely and necessary to correct such failure or leakage.

(16) The applicant shall conduct injection operations in accordance with Division Rules No. 701 through 708 and shall submit monthly progress reports in accordance with Division Rules No. 706 and 1115.

(17) The applicant is authorized to drill or convert to injection the six wells listed on Exhibit "A" attached hereto.

(18) The injection authority granted herein for any of the six wells shall terminate one year after the effective date of this order if the operator has not commenced injection operations into the well provided however the Division, upon written request by the operator, may grant an extension thereof for good cause shown.

FURTHERMORE:

(19) This waterflood project is hereby approved as an Enhanced Oil Recovery Project ("EOR Project") pursuant to the "New Mexico Enhanced Oil Recovery Act," Sections 7-29A-1 through 7-29A-5, NMSA 1978.

(20) To be eligible for the EOR tax rate, prior to commencing injection operations the operator must request from the Division a Certificate of Qualification, which certificate will specify the proposed project area as described above.

(21) At such time as a positive production response occurs and within five years from the date of the Certificate of Qualification, the operator must apply to the Division for certification of a positive production response, which application shall identify the area actually benefiting from enhanced recovery operations and identify the specific wells the operator believes are eligible for the EOR tax rate. The Division may review the application administratively or set it for hearing. Based upon evidence presented, the Division will certify to the Department of Taxation and Revenue those lands and wells that are eligible for the EOR tax rate.

FURTHERMORE:

(22) The application of Falcon Creek Resources, Inc. in Division **Case No. 12272** for "approval to inject water into the Yates and Seven Rivers formations, West Teas-Yates Seven Rivers Pool, through six wells in its proposed Teas-Yates Seven Rivers Unit Waterflood Unit Waterflood Seven Rivers Pool, located in the following area, is hereby dismissed:

LEA COUNTY, NEW MEXICO
TOWNSHIP 20 SOUTH, RANGE 33 EAST, NMPM

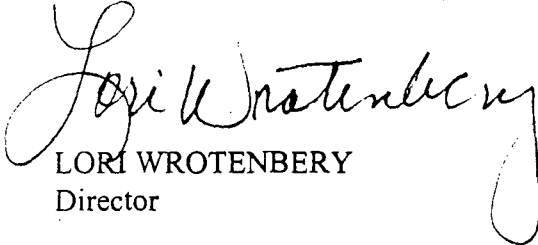
| | |
|-------------|--------|
| Section 4: | SE/4 |
| Section 9: | N/2 |
| Section 16: | NE/4". |

(23) Jurisdiction of this case is retained for the entry of such further orders as the Division may deem necessary.

Case Nos. 12272, 12331-32
Order No. R-11375
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DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION


LORI WROTENBERY
Director

SEAL

EXHIBIT "A"
DIVISION ORDER NO. R-11375
West Teas (Yates - Seven Rivers) Unit Waterflood Project
Township 20 South, Range 33 East, NMPM, Lea County, New Mexico
Approved Injection Wells

| Well Name Well Number (API Number) | Footage Location | Unit | Section | Injection Perforations (Feet) | Packer Depth (Feet) | Tubing Size (Inch) | Maximum Injection Pressure (psia) |
|---|-----------------------|------|---------|-------------------------------------|---------------------------|--------------------------|--|
| Anasazi "4" State Well No. 3 (API No. 30-025-32032) | 1650' FSL & 1980' FEL | J | 4 | 3230 - 3426 | 3130 | 2 - 7/8 | 646 |
| Scharbauer "4" Well No. 3 (API No. 30-025-32102) | 660' FS & EL | P | 4 | 3104 - 3312 | 3000 | 2 - 3/8 | 621 |
| Federal "9" Well No. 3 (API No. 30-025-31896) | 330' FNL & 2310' FWL | C | 9 | 3147 - 3409 | 3050 | 2 - 3/8 | 630 |
| Barber Federal Well No. 2 (API No. 30-025-29971) | 1980' FNL & 660' FWL | E | 9 | 3138 - 3374 | 3030 | 2 - 3/8 | 628 |
| Federal "9" Well No. 6 (API No. 30-025-32517) | 1650' FNL & 990' FEL | H | 9 | 3060 - 3260 | 2950 | 2 - 3/8 | 612 |
| State "BF" Well No. 4 (API No. 30-025-33144) | 330' FN & EL | A | 16 | 3150 - 3361 | 3050 | 2 - 7/8 | 630 |