### CAMPBELL, CARR, BERGE 8 SHERIDAN, P.A.

LAWYERS

MICHAEL B CAMPBELL
WILLIAM F. CARR
BRADFORD C. BERGE
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WILLIAM P. SLATTERY

PATRICIA A. MATTHEWS MICHAEL H. FELDEWERT

JACK M. CAMPBELL OF COUNSEL JEFFERSON PLACE
SUITE 1 - 110 NORTH GUADALUPE
POST OFFICE BOX 2208

SANTA FE, NEW MEXICO 87504-2208

TELEPHONE. (505) 988-4421
TELECOPIER (505) 983-6043

August 28, 1992

#### **HAND-DELIVERED**

William J. LeMay, Director
Oil Conservation Division
New Mexico Department of Energy,
Minerals and Natural Resources
State Land Office Building
Santa Fe, New Mexico 87503

KECEIVED

<sup>AUG</sup> 2 8 1992

OIL CONSERVATION DIV. SANTA FE

Re: Oil Conservation Division Case No. 10541:

Application of Bird Creek Resources, Fortson Oil Company and Ray Westall Operating, Inc., for Special Pool Rules, Eddy County, New Mexico

Dear Mr. LeMay:

Bird Creek Resources, Fortson Oil Company and Ray Westall Operating, Inc., respectfully requests that this matter which is currently set on the Division docket for the September 3, 1992 hearings be continued to the September 17, 1992 Examiner docket.

Your attention to this matter is appreciated.

Very truly yours,

WILLIAM F. CARR

WFC:mlh

'92 SE- 35 AM 8 53

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

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

CASE NO. 10541

THE CONSOLIDATED APPLICATION OF BIRD CREEK RESOURCES, FORTSON OIL COMPANY AND RAY WESTALL OPERATING INC., FOR SPECIAL POOL RULES, EDDY COUNTY, NEW MEXICO

#### ENTRY OF APPEARANCE

COMES NOW, W. THOMAS KELLAHIN of Kellahin and Kellahin, and enters the firm's appearance on behalf of BASS ENTERPRISES PRODUCTION COMPANY in the above captioned matter.

KELLAHIN and KELLAHIN

7:\_\_\_\_

W. Thomas Kellahin
Post Office Box 2265
Santa Fe, New Mexico 87504
(505) 982-4285
ATTORNEYS FOR BASS ENTERPRISES
PRODUCTION COMPANY AND HANLEY
PETROLEUM INC.

I hereby certify that a true and correct copy of the foregoing Entry of Appearance was both sent by facsimile transmission and by U.S. Mail, postage prepaid to William F. Carr, (Fax 505/983-6043) Campbell, Carr, Berge and Sheridan, P.O. Box 2208, Santa Fe, New Mexico 87504 and William J. LeMay/Michael Stogner (Fax 505/827-5741) Oil Conservation Division, P.O. Box 2088, Santa Fe, NM 87504 on this 10th day of September, 1992.

W. Thomas Kellahin

entt910.057

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

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

CASE NO. 10541

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ATTORNEYS FOR BASS ENTERPRISES PRODUCTION COMPANY AND HANLEY PETROLEUM INC.

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W. Thomas Kellahir

entt910.057

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

CASE NO. 10541

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ATTORNEYS FOR BASS ENTERPRISES PRODUCTION COMPANY AND HANLEY

PETROLEUM INC.

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. Thomas Kellahin

entt910.057

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# DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES OIL CONSERVATION DIVISION

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

CASE NO. 10541

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#### ENTRY OF APPEARANCE

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KELLAHIN and KELLAHIN

W. Thomas Kellahin

Post Office Box 2265

Santa Fe, New Mexico 87504

(505) 982-4285

Original

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W. Thomas Kellah

entt827.215

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

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

CASE NO. 10541

THE CONSOLIDATED APPLICATION OF BIRD CREEK RESOURCES, FORTSON OIL COMPANY AND RAY WESTALL OPERATING INC., FOR SPECIAL POOL RULES, EDDY COUNTY, NEW MEXICO

RECEIVED

AUG F1 1992

ENTRY OF APPEARANCE

OIL CONSERVATION DIVISION

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KELLAHIN and KELLAHIN

By:

W. Thomas Kellahin

Post Office Box 2265

Santa Fe, New Mexico 87504

(505) 982-4285

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W. Thomas Kellahin

entt827.215

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

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

CASE NO. 10541

THE CONSOLIDATED APPLICATION OF BIRD CREEK RESOURCES, FORTSON OIL COMPANY AND RAY WESTALL OPERATING INC., FOR SPECIAL POOL RULES, EDDY COUNTY, NEW MEXICO

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ENTRY OF APPEARANCE

OIL CONSERVATION DIVISION

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KELLAHIN and KELLAHIN

Bv:

W. Thomas Kellahin Post Office Box 2265

Santa Fe, New Mexico 87504

(505) 982-4285

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W. Thomas Kellahir

entt827.215

KELLAHIN AND KELLAHIN

ATTORNEYS AT LAW

EL PATIO BUILDING

IIT NORTH GUADALUPE

POST OFFICE BOX 2265

Santa Fr. New Mexico 87504-2265

TELEPHONE (505) 982-4285 Telephone (505) 982-2047

... AHIN (RETIRED 1991)

NEW MEXICO BOARD OF LEGAL EPECIALIZATION REGOGNIZED EPECIALIST IN THE AREA OF NAT! URCES-DIG AND DAS LAW

. .

W. THOMAS KELLAHIN"

#### FACSIMILE COVER SHEET

ATE: _	August 28, 1992	NUMBER OF PAGES: 3
IME:		(including cover sheet)
TO:	William J. LeMay	FROM: W. Thomas Kellahin
OF:	Oil Conservation Division	SPECIAL INSTRUCTIONS:
AY NO	5741	URGENT
	Consolidated Application	FOR YOUR INFORMATION
KE: _	of Bird Creek et al/NMOCD	FOR YOUR REVIEW
		PLEASE REPLY
	e No. 10541	FOR YOUR APPROVAL
-		PER YOUR REQUEST
	hard copy will follow by mai	1. v
	-	
	-	

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

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

CASE NO. 10541

THE CONSOLIDATED APPLICATION OF BIRD CREEK RESOURCES, FORTSON OIL COMPANY AND RAY WESTALL OPERATING INC., FOR SPECIAL POOL RULES, EDDY COUNTY, NEW MEXICO

#### ENTRY OF APPEARANCE

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KELLAHIN and KELLAHIN

W. Thomas Kellahin

Post Office Box 2265

Santa Fe, New Mexico 87504

(505) 982-4285

KELLAHIN+KELLAHIN

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W. Thomas Kellahin

entt827.215

<u>--</u> ر

KELLAHIN AND KELLAHIN

ATTORNEYS AT LAW EL PATIO BUILDING 117 NORTH GUADALUPE POST OFFICE BOX 2265

W. THOMAS KELLAHINS

'New Mexico Board of Legal Specialization Recognized Specialist in the Area of Natural Resources-oil and gas law

. . . .

JASON KELLAHIN (RETIRED 1991)

TELEPHONE (505) 982-4285 TELEFAX (505) 982-2047

#### FACSIMILE COVER SHEET

SANTA FB, NEW MEXICO 87504-2265

DATE:	September 10, 1992	NUMBER OF PAGES: 3
TIME:		(including cover sheet)
TO:	Michael Stogher/William LeMay	FROM: W. Thomas Kellahin
OF:	Oil Conservation Division	SPECIAL INSTRUCTIONS:
FAX NO	.: 827-5741	URGENT
RE:	NMOCD Case No. 10541	FOR YOUR INFORMATION
	Application of Bird Creek et al	FOR YOUR REVIEW
_	for Special Pool Rules	PLEASE REPLY
-		FOR YOUR APPROVAL
-		PER YOUR REQUEST
MESSAGI	E: Our Entry of Appearance on be	ehalf of Bass Enterprises
	Production Co. in the above case	e follows.

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

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

CASE NO. 10541

THE CONSOLIDATED APPLICATION OF BIRD CREEK RESOURCES, FORTSON OIL COMPANY AND RAY WESTALL OPERATING INC., FOR SPECIAL POOL RULES, EDDY COUNTY, NEW MEXICO

#### ENTRY OF APPEARANCE

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KELLAHIN and KELLAHIN

W. Thomas Kellahin Post Office Box 2265

Santa Fe, New Mexico 87504

(505) 982-4285

ATTORNEYS FOR BASS ENTERPRISES PRODUCTION COMPANY AND HANLEY

PETROLEUM INC.

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V. Thomas Kellahin

entt910.057

### CAMPBELL, CARR, BERGE & SHERIDAN, P.A.

LAWYERS

MICHAEL B. CAMPBELL
WILLIAM F. CARR
BRADFORD C. BERGE
MARK F. SHERIDAN
WILLIAM P. SLATTERY

PATRICIA A. MATTHEWS MICHAEL H. FELDEWERT

JACK M. CAMPBELL OF COUNSEL JEFFERSON PLACE
SUITE I - 110 NORTH GUADALUPE
POST OFFICE BOX 2208

OH CONSTRUCTION ON.

SANTA FE, NEW MEXICO 87504-2208

TELECOPIER (505) 988-4421
TELECOPIER (505) 983-6043

September 25, 1992

### HAND-DELIVERED

William J. LeMay, Director Oil Conservation Division New Mexico Department of Energy, Minerals and Natural Resources State Land Office Building Santa Fe, New Mexico 87503

Re: Oil Conservation Division Case No. 10541:

Application of Bird Creek Resources, Fortson Oil Company and Ray Westall Operating, Inc., for Special Pool Rules, Eddy County, New Mexico

Dear Mr. LeMay:

The purpose of this letter is to advise you that Fortson Oil Company has advised me that they do not desire to be an applicant in the above-referenced case. Accordingly, as the first order of business at the October 1, 1992 hearing in this matter, we will move to dismiss Fortson Oil Company as an applicant in this case. At that time I will also withdraw my appearance as counsel for Fortson Oil Company and other counsel will appear for them in this case.

Very truly yours,

WILLIAM F. CARR

WFC:mlh

cc: Mr. John Tittle

Fortson Oil Company

**TELECOPIED: 817-877-1817** 

#### KELLAHIN AND KELLAHIN

ATTORNEYS AT LAW

EL PATIO BUILDING

II7 NORTH GUADALUPE

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SANTA FE, NEW MEXICO 87504-2265

TELEPHONE (505) 982-4285 TELEFAX (505) 982-2047

JASON KELLAHIN (RETIRED 1991)

\*NEW MEXICO BOARD OF LEGAL SPECIALIZATION RECOGNIZED SPECIALIST IN THE AREA OF NATURAL RESOURCES-OIL AND GAS LAW

W. THOMAS KELLAHIN\*

October 30, 1992

Mr. Michael E. Stogner Hearing Examiner Oil Conservation Division 310 Old Santa Fe Trail Santa Fe, New Mexico 87501

HAND DELIVERED

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RE: NECE CASE FOR ALL

Application of BirdCreek Resources for Special Pool Rules, Eddy County, New Mexico - OCT 3 0 1997

OIL CONSERVATION DIVISION

Dear Mr. Stogner:

On behalf of Fortson Oil Company, I participated in the hearing of the referenced case held on October 1, 1992. At the conclusion of the hearing, you directed Mr. William F. Carr, attorney for the applicant, and I to attempt to reach agreement on a proposed order for entry in this case.

I regret to inform you that, while there is substantial agreement on the order, there are certain key words and phrases for which we cannot agree.

That failure of agreement is based upon our differences concerning the substantial nature of the evidence. From my review of the record, I concluded that the evidence was only preliminary and would be insufficient to support absolute conclusions about what may or may not be an isolated gas stringer. For example, Mr. Rex Howell, Petroleum Engineer for the applicant, gave a list of reservoir data that had not yet been developed: there is no PVT data, there is no production test directly attributable only to the actual "gas" zone in question, and there is no valid bottom hole fluid sample.

On the other hand, Mr. Carr has proposed findings which are more permanent in nature. For example, he has findings in paragraphs (10), (12) and (13) of his proposed order which are more absolute than mine. He concludes that there is no gas cap in this reservoir and

Mr. Michael E. Stogner October 30, 1992 Page Two

concludes that this is nothing more than a solution gas drive reservoir. Those are findings which we consider beyond the current evidence and more appropriately found in a hearing to make temporary GOR rules permanent.

We consider these to be temporary rules and the order should contain findings which are preliminary in nature. Accordingly, please find enclosed Fortson Oil Company's Proposed Order for your consideration.

Very truly your

W. Thomas Kellahin

WTK/jcl Enclosure

xc: With Enclosure

William F. Carr, Esq Fortson Oil Company Hanley Petroleum Inc.

Bass Enterprises Production Company

ltrt1030.653

### 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:

CASE	NO.	10541	
ORDER	NO.	R-	

THE CONSOLIDATED APPLICATION OF BIRD CREEK RESOURCES, FORTSON OIL COMPANY AND RAY WESTALL OPERATING, INC. FOR SPECIAL POOL RULES, EDDY COUNTY, NEW MEXICO

### FORTSON'S PROPOSED ORDER OF THE DIVISION

#### BY THE DIVISION:

THIS cause came on for hearing at 8:15 a.m. on October 1, 1992, at Santa Fe, New Mexico, before Examiner Michael E. Stogner.

NOW, on this \_\_\_\_\_ day of October, 1992, the Division Director, having considered the testimony, the record and the recommendations of the Examiner, and being fully advised in the premises,

#### FINDS THAT:

- (1) Due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.
- (2) Fortson Oil Company moved to be realigned from an applicant to an interested party in this case and the motion should be granted.
- (3) Bird Creek Resources and Ray Westall Operating, Inc. (hereinafter referred to as "Applicants"), seek an order promulgating special pool rules for the East Herradura Bend-Delaware Pool.

Case No. 10541 Order No. R-\_\_\_\_\_\_ Page 2

including a provision for a gas-oil ratio of 10,000 cubic feet of gas per barrel of oil.

- (4) Fortson Oil Company, Hanley Petroleum, Inc. and Bass Enterprises Production Company, each entered its respective appearance as a party affected by this case.
- (5) The East Herradura Bend-Delaware Pool was created and defined by Division Order No. R-8179, as amended, and is currently governed by the Oil Conservation Division's Statewide Rules and Regulations, including a gas-oil ratio of 2,000 cubic feet of gas per barrel of oil and a top oil allowable of 142 barrels per day.
- (6) The East Herradura Bend-Delaware Pool is located in portions of Sections 34 and 35, Township 22 South, Range 28 East and a portion of Section 2, Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico.
- (7) Recently there has been substantial development in the Delaware formation outside the defined boundaries of this Pool but within one mile thereof and new wells are being curtailed due to the Statewide gas-oil ratio of 2,000 cubic feet per barrel of oil.
- (8) In this area, the Brushy Canyon portion of the Delaware includes several hundred feet of shale and sand stringers, and, based upon currently available information, one of which appears to be only productive of natural gas.
- (9) The fracture treatments typically used in completing Delaware wells in this area have communicated this gas stringer with the other producing zones in this formation resulting in wells producing at high gas-oil ratios.
- (10) If the wells in this pool are produced under the Statewide gas-oil ratio limitation of 2,000 to 1,

Case No. 10541 Order No. R-\_\_\_\_\_ Page 3

liquids cannot be efficiently produced from the reservoir and substantial volumes of liquids may remain trapped as the reservoir energy is depleted by the gas production.

- (11) Currently there is no production data, PVT analysis, or fluid samples taken exclusively from that sand stringer believed by the applicants to be productive of only gas.
- (12) Currently there is no evidence available to demonstrate that a single gas cap was originally present in this reservoir or what ultimate affect this single gas productive stringer may have on ultimate recovery from the reservoir.
- (13) Gas produced by the wells in this pool is comprised of solution gas plus free gas from oversaturated crude oil and/or gas from a separate gas zone. While the current gas producing rates for these wells may not be an accurate indication of the actual gas-oil ratios of the hydrocarbons at reservoir conditions or the ultimate appropriate gas-oil ratios at which these wells should be produced, approval of a temporary gas-oil ratio of 10,000 cubic feet of gas per barrel of oil is not expected to excessively dissipate reservoir energy or otherwise cause waste.
- (14) The currently available evidence presented at the hearing, demonstrated that a temporary gas-oil ratio limit of 10,000 cubic feet per barrel of oil in the East Herradura Bend-Delaware Pool for a period of six months commencing on October 1, 1992 will afford an opportunity for all operators to gather more reservoir data, allow the reservoir in this portion of the Delaware formation to be produced at a faster and more efficient rate without harm to correlative rights and without causing waste and should be approved.
- (15) Additional data on the producing characteristics of this reservoir, including appropriate gas-oil producing rates, are rapidly being

Case No. 10541 Order No. R-\_\_\_\_\_ Page 4

acquired due to the development currently underway in this pool and Special Pool Rules and Regulations for this pool should be promulgated on a temporary basis and should be reviewed by the Division in six months.

(16) The Applicants request that Temporary Pool Rules and Regulations for this Pool be effective as of October 1, 1992 and this request should be granted.

#### IT IS THEREFORE ORDERED THAT:

- (1) The request of Fortson Oil Company to be dismissed as an applicant in this case is hereby granted.
- (2) The application of Bird Creek Resources and Ray Westall Operating, Inc. for special pool rules providing for an increased gas-oil ratio limit for the East Herradura Bend-Delaware Pool are hereby promulgated as follows:

### SPECIAL RULES AND REGULATIONS FOR THE EAST HERRADURA BEND-DELAWARE POOL

RULE 1. The limiting gas-oil ratio for the East Herradura Bend-Delaware Pool shall be 10,000 cubic feet of gas for each barrel of oil.

#### IT IS FURTHER ORDERED THAT:

- (4) The Special Rules and Regulations for the East Herradura Bend-Delaware Pool shall become effective October 1, 1992.
- (5) This case shall be reopened at an Examiner Hearing in March, 1993, at which time the operators in the pool may appear and present evidence and show cause why the foregoing Special Rules and Regulations should remain in effect.

Case No. 10541 Order No. R-\_\_\_\_\_ Page 5

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

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

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

WILLIAM J. LEMAY Director

SEAL

ordt1019.653

### CAMPBELL, CARR, BERGE & SHERIDAN, P.A.

LAWYERS

MICHAEL B. CAMPBELL
WILLIAM F. CARR
BRADFORD C BERGE
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SANTA FE, NEW MEXICO 87504-2208
TELEPHONE (505) 988-4421

TELECOPIER (505) 983-6043

October 30, 1992

#### **HAND-DELIVERED**

Michael E. Stogner
Oil Conservation Division
New Mexico Department of Energy,
Minerals and Natural Resources
State Land Office Building
Santa Fe, New Mexico 87503

RECEIVED

001 30 1992

OIL CONSERVATION DIVISION

Re: Oil Conservation Division Case No. 10541:

Consolidated Application of Bird Creek Resources, Fortson Oil Company and Ray Westall Operating, Inc. for Special Pool Rules, Eddy County, New Mexico

Dear Mr. Stogner:

Enclosed is the proposed Order of Bird Creek Resources and Ray Westall Operating, Inc. in the above-referenced case. Pursuant to your request at the October 1, 1992 hearing in this matter, this Order was submitted to Mr. Kellahin, attorney for Fortson Oil Company for his review and comment. Since that time Mr. Kellahin and I have circulated several drafts, but we must advise you that the parties are unable to reach complete agreement as to the findings for a proposed Order. Accordingly, we have agreed that each of us will submit their own proposed Order to you on this date.

I regret that we have been unable to concur in all findings for a proposed Order, but trust the enclosed will be of assistance to you in deciding this case. Michael E. Stogner
Oil Conservation Division
New Mexico Department of Energy,
Minerals and Natural Resources
October 30, 1992
Page 2

If you need anything further from the Applicants, please advise.

Very truly yours,

WILLIAM F. CARR'

WFC:mlh Enclosure

cc w/enc.:

Ray Westall Operating, Inc.

Attn: Mr. Randy Harris

Bird Creek Resources Attn: Mr. Brad Burks

Collins & Ware, Inc.

Attn: Mr. Herb Ware, III

W. Thomas Kellahin, Esq. James G. Bruce, Esq.

# 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:

Case	No.	10541	
Orde	r No.	. R-	

CONSOLIDATED APPLICATION OF BIRD CREEK RESOURCES, FORTSON OIL COMPANY AND RAY WESTALL OPERATING, INC. FOR SPECIAL POOL RULES, EDDY COUNTY, NEW MEXICO.

### APPLICANTS' PROPOSED ORDER OF THE DIVISION

#### **BY THE DIVISION**:

This cause came on for hearing at 8:15 a.m. on October 1, 1992, at Santa Fe, New Mexico, before Examiner Michael E. Stogner.

NOW, on this \_\_\_\_\_ day of October, 1992, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

#### **FINDS THAT**:

- (1) Due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.
- (2) Fortson Oil Company moved to be dismissed as an applicant in this case and the motion should be granted.

- (3) Bird Creek Resources and Ray Westall Operating Inc., (hereinafter referred to as "Applicants"), seek an order promulgating special pool rules for the East Herradura Bend-Delaware Pool, including a provision for a gas-oil ratio of 10,000 cubic feet of gas per barrel of oil.
- (4) The East Herradura Bend-Delaware Pool was created and defined by Division Order No. R-8179, as amended, and is currently governed by the Oil Conservation Division's Statewide Rules and Regulations, including a gas-oil ratio of 2,000 cubic feet of gas per barrel of oil and a top oil allowable of 142 barrels per day.
- (5) The East Herradura Bend-Delaware Pool is located in portions of Sections 34 and 35, Township 22 South, Range 28 East and a portion of Section 2, Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico.
- (6) Recently there has been substantial development in the Delaware formation outside the defined boundaries of this Pool but within one mile thereof and new wells are being curtailed due to the Statewide gas-oil ratio of 2,000 cubic feet per barrel of oil.
- (7) In this area, the Bushy Canyon portion of the Delaware includes several hundred feet of shale and sand stringers, one of which is only productive of natural gas.
- (8) The fracture treatments typically used in completing Delaware wells in this area have communicated this gas stringer with the other producing zones in this formation resulting in wells producing at high gas-oil ratios.
- (9) If the wells in this pool are produced under the Statewide gas-oil ratio limitation of 2,000 to 1, liquids cannot be produced from the reservoir.
  - (10) There is no evidence of a gas cap in this reservoir.
- (11) Gas produced by the wells in this pool is either solution gas or gas from a separate gas zone and gas producing rates are independent of the rates at which these wells are produced. Therefore, approval of a gas-oil ratio of 10,000 cubic feet of gas per barrel of oil will not dissipate reservoir energy or otherwise cause waste.

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- (12) The evidence presented at the hearing, demonstrated that a gas-oil ratio limit of 10,000 cubic feet per barrel of oil in the East Herradura Bend-Delaware Pool will allow the reservoir in this portion of the Delaware formation to be produced at a faster and more efficient rate without harm to correlative rights and without causing waste and should be approved.
- (13) Data on the producing characteristics of this reservoir is rapidly being acquired due to the aggressive development currently underway in this pool and Special Pool Rules and Regulations for this pool should be promulgated on a temporary basis and should be reviewed by the Division in six months.
- (14) The Applicants request that Temporary Pool Rules and Regulations for this Pool be effective as of October 1, 1992 and this request should be granted.

#### IT IS THEREFORE ORDERED THAT:

- (1) The request of Fortson Oil Company to be dismissed as an applicant in this case is hereby granted.
- (2) The application of Bird Creek Resources and Ray Westall Operating Inc., for special pool rules providing for an increased gas-oil ratio limit for the East Herradura Bend-Delaware Pool, Eddy County, New Mexico, is hereby approved on a temporary basis.
- (3) Temporary special pool rules for the East Herradura Bend-Delaware Pool are hereby promulgated as follows:

### SPECIAL RULES AND REGULATIONS FOR THE EAST HERRADURA BEND-DELAWARE POOL

RULE 1. The limiting gas-oil ratio for the East Herradura Bend-Delaware Pool shall be 10,000 cubic feet of gas for each barrel of oil.

#### IT IS FURTHER ORDERED THAT:

(4) The Special Rules and Regulations for the East Herradura Bend-Delaware Pool shall become effective October 1, 1992.

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- (5) This case shall be reopened at an Examiner hearing in March, 1993, at which time the operators in the pool may appear and present evidence and show cause why the foregoing Special Rules and Regulations should remain in effect.
- (6) Jurisdiction of this cause is retained for entry of such further orders as the Division may deem necessary.

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

STATE OF NEW MEXICO OIL CONSERVATION DIVISION

WILLIAM J. LeMAY Director

SEAL



#### ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION



BRUCE KING GOVERNOR

ANITA LOCKWOOD CABINET SECRETARY

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87504 (505) 827-5800

June 4, 1993

Ray Westall Box 4 Loco Hills, New Mexico 88255

#### Gentlemen:

In accordance with the provisions of Division Order No. R-9773 entered on November 19, 1992, the Oil Conservation Division is reopening Case No. 10541 in order to give all operators in the East Herradura Bend-Delaware Pool in Eddy County, New Mexico, the opportunity to appear and present evidence and show cause why the Special Rules and Regulations promulgated for said East Herradura Bend-Delaware Pool should remain in effect.

This case will be heard before an examiner on June 17, 1993, in the Oil Conservation Division Conference Room, State Land Office Building, Santa Fe, New Mexico, at 8:15 a.m. A copy of the docket for this hearing is enclosed.

Sincerely,

Florene Llawidson
OC Staff Specialist

enc.



#### ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

**OIL CONSERVATION DIVISION** 



BRUCE KING GOVERNOR ANITA LOCKWOOD CABINET SECRETARY

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87504 (505) 827-5800

June 4, 1993

Fortson Oil Company 301 Commerce St., Suite 301 Fort Worth, Texas 76102

#### Gentlemen:

In accordance with the provisions of Division Order No. R-9773 entered on November 19, 1992, the Oil Conservation Division is reopening Case No. 10541 in order to give all operators in the East Herradura Bend-Delaware Pool in Eddy County, New Mexico, the opportunity to appear and present evidence and show cause why the Special Rules and Regulations promulgated for said East Herradura Bend-Delaware Pool should remain in effect.

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Sincerely,

Florene Davidson OC Staff Specialist

Florene blavidson

enc.



#### ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

**OIL CONSERVATION DIVISION** 



BRUGE KING GOVERNOR ANITA LOCKWOOD CABINET SECRETARY

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87504 (505) 827-5800

June 4, 1993

Bird Creek Resources, Inc. Box 21470 Tulsa, Oklahoma 74121

#### Gentlemen:

In accordance with the provisions of Division Order No. R-9773 entered on November 19, 1992, the Oil Conservation Division is reopening Case No. 10541 in order to give all operators in the East Herradura Bend-Delaware Pool in Eddy County, New Mexico, the opportunity to appear and present evidence and show cause why the Special Rules and Regulations promulgated for said East Herradura Bend-Delaware Pool should remain in effect.

This case will be heard before an examiner on June 17, 1993, in the Oil Conservation Division Conference Room, State Land Office Building, Santa Fe, New Mexico, at 8:15 a.m. A copy of the docket for this hearing is enclosed.

Sincerely,

Florene Davidson OC Staff Specialist

Florene Davidson

enc.

#### CAMPBELL, CARR, BERGE & SHERIDAN, P.A.

LAWYERS

MICHAEL B. CAMPBELL WILLIAM F. CARR BRADFORD C. BERGE MARK F. SHERIDAN WILLIAM P. SLATTERY PATRICIA A. MATTHEWS MICHAEL H. FELDEWERT DAVID B. LAWRENZ JACK M. CAMPBELL

OF COUNSEL

JEFFERSON PLACE

SUITE I - IIO NORTH GUADALUPE POST OFFICE BOX 2208

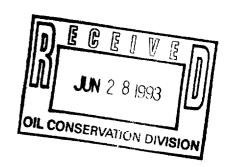
SANTA FE, NEW MEXICO 87504-2208

TELEPHONE: (505) 988-4421 TELECOPIER: (505) 983-6043

June 28, 1993

#### **HAND-DELIVERED**

William J. LeMay, Director Oil Conservation Division New Mexico Department of Energy, Minerals and Natural Resources State Land Office Building Santa Fe, New Mexico 87503



Oil Conservation Division Case No. 10541: Re:

> In the Matter of Case 10541 Being Reopened Pursuant to the Provisions of Division Order No. R-9773, Which Order Promulgated Special Pool Rules and Regulations for the East Herradura Bend-Delaware Pool, Eddy County, New

Mexico

Dear Mr. LeMay:

Bird Creek Resources and Ray Westall Operating, Inc. respectfully requests that this matter which is currently set on the Division docket for the July 1, 1993 hearings be continued to the July 15, 1993 Examiner docket.

Your attention to this matter is appreciated.

Very truly yours.

WILLIAM F. CARR

WFC:mlh

Ray Westall Operating, Inc. cc:

> Attn: Mr. Randy Harris Bird Creek Resources

Attn: Mr. Brad Burks Collins & Ware, Inc. Attn: Mr. Herb Ware

W. Thomas Kellahin, Esq.

James Bruce, Esq.

#### KELLAHIN AND KELLAHIN

ATTORNEYS AT LAW

EL PATIO BUILDING

117 NORTH GUADALUPE POST OFFICE BOX 2265 TELEPHONE (505) 982-4285 TELEFAX (505) 982-2047

OIL CONSERVATION DIVISION

W. THOMAS KELLAHIN\*

\*NEW MEXICO BOARD OF LEGAL SPECIALIZATION RECOGNIZED SPECIALIST IN THE AREA OF NATURAL RESOURCES-OIL AND GAS LAW

JASON KELLAHIN (RETIRED 1991)

SANTA FE, NEW MEXICO 87504-2265

May 26, 1993

#### HAND DELIVERED

Mr. William J. LeMay

Oil Conservation Division

310 Old Santa Fe Trail

Santa Fe, New Mexico 87504

#### Re: MOTION FOR CONTINUANCE

NMOCD Case 10541 (Re-opened)

Order R-9773

East Herradura Bend-Delaware Pool

Dear Mr. LeMay:

On behalf of Fortson Oil Company, I hereby request that the referenced case which is on the Examiner's docket for June 17, 1993 be continued to the Examiner's docket now scheduled for July 1, 1993.

I have obtained the concurrence of Mr. William F. Carr who is the attorney of record for Bird Creek Resources and Ray Westall Operating Inc. There are no other attorneys current of record in this case.

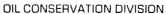
Very truly

Thomas Kellahin

cc: William F. Carr, Esq.

cc: John Tittl (Fortson Oil Company)







POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87504 (505) 827-5800

November 19, 1992

CAMBELL, CARR, BERGE & SHERIDAN Attorneys at Law P. O. Box 2208 Santa Fe, New Mexico 87504

RE:

**BRUCE KING** 

GOVERNOR

CASE NO. 10541 ORDER NO. R-9773

Dear Sir:

Enclosed herewith are two copies of the above-referenced Division order recently entered in the subject case.

Sincerely,

Sally Suchtee Sally E. Leichtle

Administrative Secretary

cc:

**BLM Carlsbad Office** 

Alvin Tapia T. Kellahin J. Bruce