



02553100

# EXHIBIT(s) FOR ORDER NO(s).

407 - 353

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RECEIVED

FEB 08 2010

COGCC

COGCC

## Force Pooling Application

February 22-23, 2010 Hearing

Township 4 North, Range <sup>67</sup>76 West, 6<sup>th</sup> P.M. Section 30

Shultz 22-30 (SE/4 NW/4)

Spacing S/2 NW/4

Weld County, Colorado

Submitted by:

Petroleum Development Corporation

1775 Sherman Street, Suite 3000

Denver, CO 80203

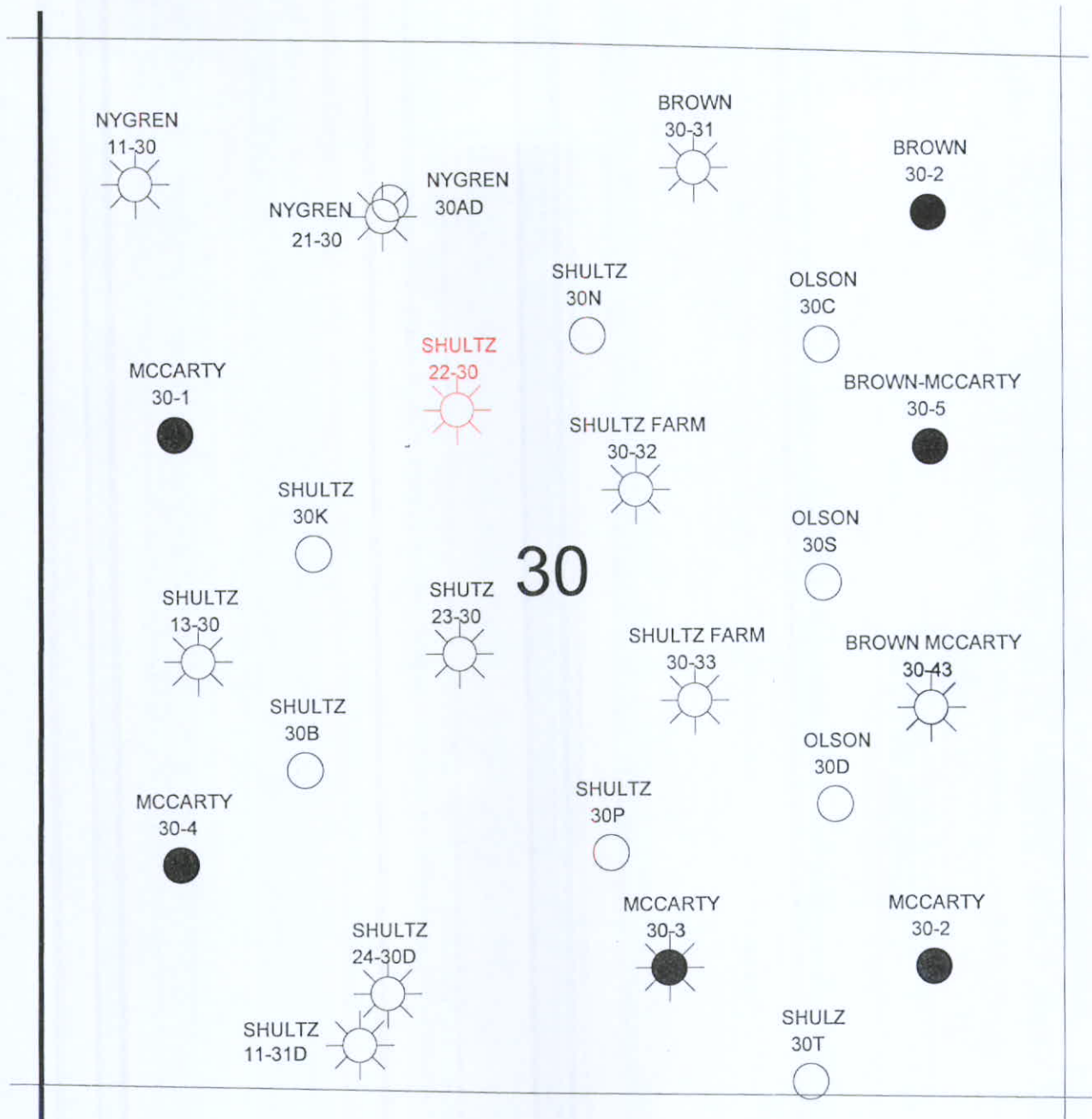
Office: (303)860-5800

Fax: (303)860-5838

MAP

AVERY

4N-67W Section 30  
Schultz 22-30 Well  
Weld County, Colorado





APPLICATION

AVERY

**BEFORE THE OIL AND GAS CONSERVATION COMMISSION  
OF THE STATE OF COLORADO**

IN THE MATTER OF THE APPLICATION OF	)	
PETROLEUM DEVELOPMENT CORP. FOR AN	)	CAUSE NO. 232
ORDER POOLING CERTAIN NONCONSENTING	)	
INTERESTS IN THE CODELL/NIOBRARA	)	
FORMATION LOCATED IN THE WATTENBERG	)	DOCKET NO.
FIELD, WELD COUNTY, COLORADO	)	

**APPLICATION**

**COMES NOW**, Petroleum Development Corp. ("Applicant"), by and through its undersigned counsel, makes application to the Oil and Gas Conservation Commission of the State of Colorado ("COGCC") for an order pooling all nonconsenting interests in the Shultz 22-30 well drilled to the Codell/Niobrara Formation in the lands described in Paragraph 2, such lands comprising an existing 80-acre drilling and spacing unit for the Codell/Niobrara Formation, pursuant to Commission Order 232 *et. seq.* In support thereof, Applicant states as follows:

1. Applicant is a corporation duly authorized to conduct business in the State of Colorado, and is a registered operator in good-standing with the COGCC.
2. Applicant owns leasehold interest (98.6%) in the unit requested for pooling:

S/2NW of Section 30, Township 4N, Range 67W, 6<sup>th</sup> P.M., Weld County, CO

3. Applicant has drilled the Shultz 22-30 well shown in red on the plat attached hereto as Exhibit 1, for which it is requesting that this order apply, as of the spud date for this well.
4. The parties shown on Exhibit 2 hereto own separate, and undivided, leasehold working interests in the referenced lands, and such parties have been offered the option to participate in the drilling of the well, but, to date, one or more of the parties has declined, or failed to respond to, such offers. With respect to 2 of the parties identified on Exhibit 2 – Kent T. Bowden and Howard Kaplan – such offers have been returned as undeliverable or unclaimed and Applicant has been unable to locate these parties, or a successor in interest, despite diligent efforts. Two parties – Wolverine Exploration Program, Inc. and Gary L. Peterson & Sharon R. Peterson – did not respond to the offer to participate in the well.
5. Authorizations For Expenditure ("AFE's") containing the information required by COGCC Rule 530.a were sent to the parties regarding the well more than thirty (30) days prior to the date of the hearing on this Application. A sample of the well proposal letter and a representative AFE are attached as Exhibits 3 and 4. As of the date of this application, the status of each offer to participate is shown on Exhibit 2.

6. That the names and last-known addresses of the interested parties with respect to this Application are set forth in Exhibit 2, and the undersigned certifies that copies of this Application will be served on each interested party within seven (7) days of the date hereof, as required by COGCC Rule 503.e.

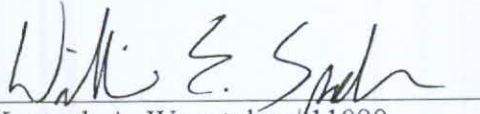
7. That in order to prevent waste and to protect correlative rights, all non-consenting interests shown on Exhibit 2 should be pooled for the Codell/Niobrara Formation in accordance with C.R.S 34-60-116 and COGCC Rule 530.

WHEREFORE, Applicant requests that this matter be set for hearing at the next available opportunity and that notice thereof be provided as required by law, and that upon such hearing, this Commission enter its order:

A. That all leasehold interest owners with whom the Applicant has been unable to secure an agreement to participate the drilling of the wells described in this Application be pooled involuntarily with respect to the Codell/Niobrara Formation, and that such owners be treated as nonconsenting owners under C.R.S. 34-60-116 and be made subject to the terms and penalties provided for therein, as of the spud date of the well described in this Application.

B. For such other findings and orders as the Commission may deem proper or advisable in this matter.

RESPECTFULLY SUBMITTED THIS 22nd DAY OF December, 2009:



Kenneth A. Wonstolen #11090

William E. Sparks, # 40064

BEATTY & WOZNIAK, P.C.

216 16<sup>th</sup> Street, Suite 1100

Denver, CO 80202

303-407-4499

[kwonstolen@bwenerylaw.com](mailto:kwonstolen@bwenerylaw.com)

[wsparks@bwenerylaw.com](mailto:wsparks@bwenerylaw.com)

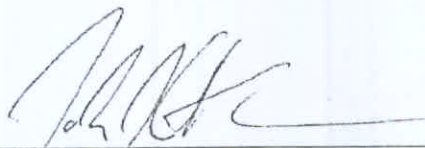


VERIFICATION

STATE OF COLORADO                     )  
   )  
CITY & COUNTY OF DENVER            )

John Krattenmaker, Landman of Petroleum Development Corporation, upon oath deposes and says that he has read the foregoing Application and that the statements contained therein are true to the best of his knowledge, information and belief.

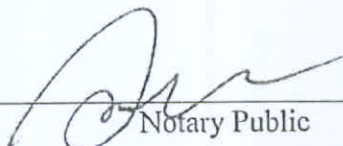
PETROLEUM DEVELOPMENT CORPORATION

By:   
John Krattenmaker

Subscribed and sworn to before me this 22 day of December, 2009, by John Krattenmaker of Petroleum Development Corporation.

My commission expires: 3-27-2010

Witness my hand and official seal.

  
Notary Public

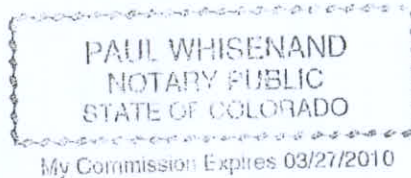
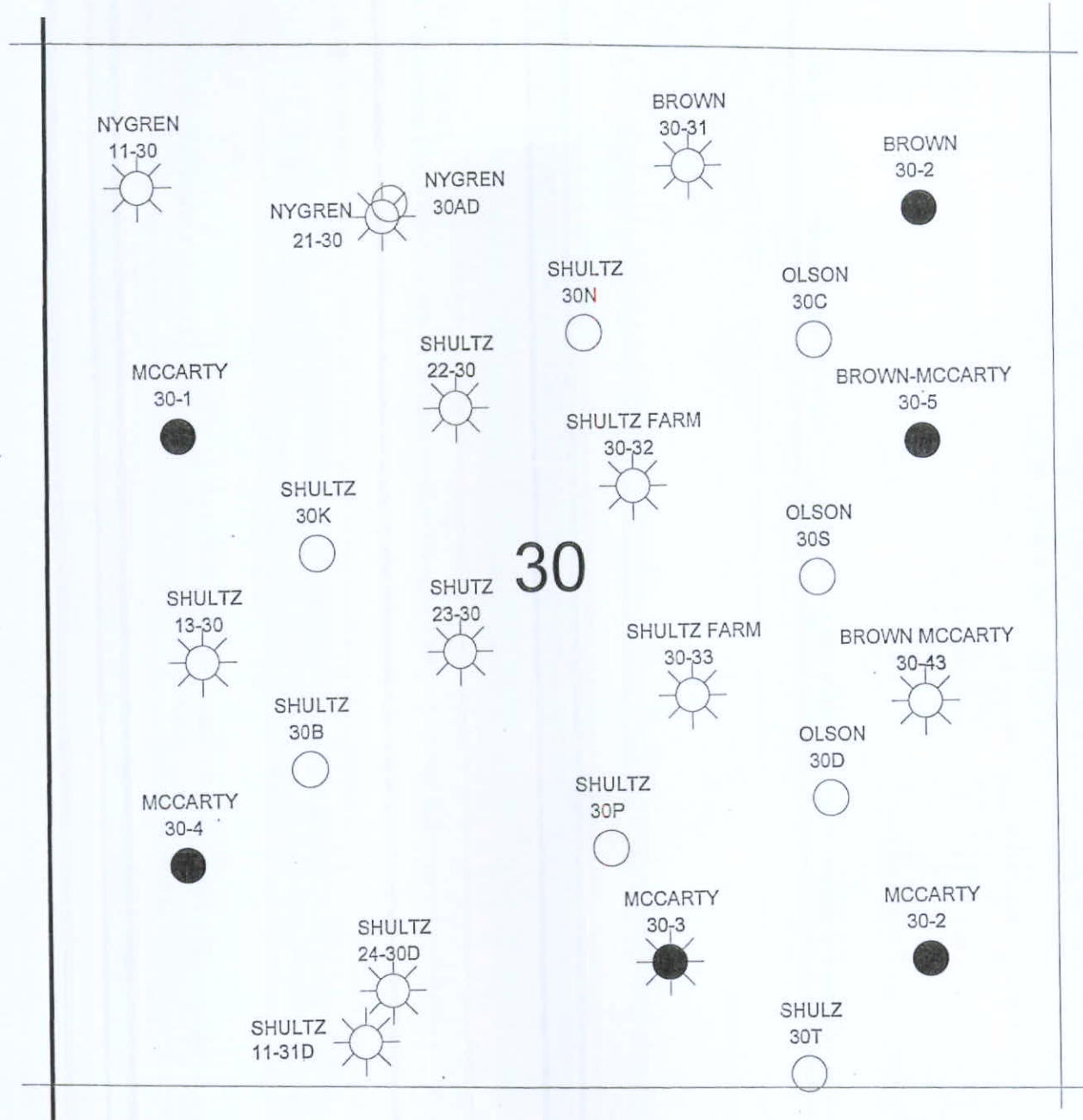


EXHIBIT 1

4N-67W Section 30  
Shultz 22-30 Well  
Weld County, Colorado



# EXHIBIT 2

Shultz 22-30 Well  
T.4N., R.67W., Section 30: SENW (spacing S/2NW/4)  
Weld County, Colorado

Operation	WI Partners	WI Addresses	WI (BPO)	AFE Status	Date received by WI owners certified mail	Election
CN	PDC		0.985538000	Operator		
	Wolverine Exploration Program, Inc.	Attn: Jack Davis 124 West Allegan Street Lansing, MI 48933	0.005922000	sent 10-22-09	received 10-27-09	Non-Consent Will force pool
	Kent T. Bowden	508 W. Grand River Avenue Lansing, MI 48906	0.001594000	sent 10-22-09	Unclaimed	Will force pool
	Howard Kaplan	c/o Gruber, Miller & Kaplan 700 N. Washington Lansing, MI 48906	0.002961000	sent 10-22-09	Not deliverable as addressed. Unable to forward	Will force pool
	Gary L. Petersen & Sharon R. Petersen	13989 McCrumb Road Eagle, MI 48822	0.001594000	sent 10-22-09	received 10-27-09	Non-Consent Will force pool
	William S. Spielman	935 Rosewood Avenue East Lansing, MI 48823	0.000797000	sent 10-22-09	received 10-28-09	Participate
	Clarence W. Weber, Jr. & Dorothy R. Weber	8558 Imperial Circle Palmetto, FL 34221	0.001594000	sent 10-22-09	received 10-26-09	Participate
		<b>TOTAL</b>	<b>1.000000000</b>			



EXHIBIT 3



Petroleum Development Corporation

October 21, 2009

Gary L. Peterson & Sharon R. Petersen  
13989 McCrumb Road  
Eagle, MI 48822

Certified Mail  
7007 3020 0003 3316 0201

WELL PROPOSAL

Schultz 22-30  
Township 4 North, Range 67 West, 6<sup>th</sup> P.M.  
Section 30: SE/4NW/4 (Spaced S/2NW/4)  
Weld County, Colorado

Dear Mr. & Mrs. Petersen:

Petroleum Development Corporation ("PDC") drilled the above captioned well in which you own a working interest. PDC inadvertently failed to notify you of its intention to drill and give you the option to participate prior to drilling the well. We apologize for this oversight and at this time we request that you make an election.

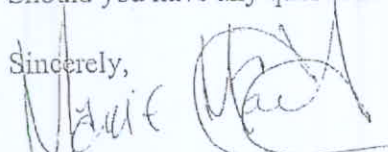
Attached for your review and approval are two (2) copies of the original Authority for Expenditure ("AFE") for this proposal. The costs set out in the AFE are estimates and the actual costs may be higher or lower. Your approval of the AFE constitutes your approval of the actual costs of the operation.

If you choose to participate in this operation, please execute and return this letter along with one fully executed AFE. Failure to respond to this proposal within thirty (30) days from the date of the letter will be deemed as a non-consent election.

Should you decide to participate, upon receipt of your election to participate in this well, PDC will send you a Joint Operating Agreement ("JOA") for your review and approval.

Should you have any questions or need additional information, please call me at 303-860-5831.

Sincerely,

  
Marie McCord  
Consulting Landman

Enclosures

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CORPORATE OFFICE:  
Petroleum Development Corporation  
1775 Sherman Street, Suite 3000  
Denver, CO 80203  
303-860-5800

BRIDGEPORT OFFICE:  
Petroleum Development Corporation  
120 Genesis Boulevard • P.O. Box 26  
Bridgeport, WV 26330  
304-842-3597

WELL PROPOSAL

Schultz 22-30

Gary L. & Sharon R. Petersen

October 21, 2009

Page 2 of 2

\_\_\_\_\_  
The undersigned elects to participate in the drilling of the Schultz 22-30 well. Enclosed please find and executed AFE.

If so,

\_\_\_\_\_  
Elects to acquire proportionate share of any available non-consent interest

\_\_\_\_\_  
Elects NOT to acquire proportionate share of any available non-consent interest

\_\_\_\_\_  
The undersigned elects NOT to participate in the drilling of the Schultz 22-30 well.

\_\_\_\_\_  
Gary L Petersen

\_\_\_\_\_  
Sharon R. Petersen

# EXHIBIT 4

## AUTHORITY FOR EXPENDITURE DRILL AND COMPLETE

10/16/2009

AFE#  
Lease/Well Name:  
Location:  
Field/Prospect:

A0148  
07680/Shultz #22-30  
SEW 30-4N-57W  
Wattenberg

Program  
County:  
State:  
Proposed TD:

Well  
CO  
7825



### DRILLING INTANGIBLES:

	Dry Hole Without Pipe	Completed Well
Permitting	\$7,300	
Location, Roads, Pits	\$13,765	
Drilling Rig, Footage & boiler	\$0	
Drilling Rig, Daywork & boiler	\$9,420	
Drilling Rig, Mobilization	\$10,000	
Drilling Rig, Turnkey	\$126,530	
Drilling Bits	\$0	
Directional Services	\$0	
Coring	\$0	
Professional Services (Legal, Engineering, Geological)	\$0	
Electric Logging	\$6,500	
Well Site Supervisor	\$1,800	
Geological Supervision	\$0	
Mud Logger	\$0	
Drilling Mud & Corrosion Control	\$0,300	
Rentals	\$0	
Water Purchase & Water Hauling	\$12,000	
Sanitation, drinking water & assoc. costs	\$0	
Roustabout Crews & Welders	\$500	
Administrative Overhead	\$5,135	
Office, Phone Overhead	\$0	
Trucking	\$0	
<b>Total Drilling</b>	<b>\$184,250</b>	<b>\$0</b>

### Completion Intangibles

Completion Unit & Auxiliary Services	\$21,250	
Swabbing Unit	\$4,000	
Shubbing Unit	\$0	
Well Site Supervisor	\$0	
Professional Services	\$0	
Slick Line Unit	\$0	
Cased hole logging	\$2,500	
Perforating, tubing conveyed	\$0	
Perforating, electric line unit	\$11,700	
Nitrogen for blow around/cleanouts	\$0	
Fracture Stimulation	\$135,000	
Trucking	\$0	
Location, Roads & Pits	\$2,500	
Water Hauling	\$15,000	
KOL Purchase	\$1,400	
Hot Oil Unit	\$10,000	
Battery & Wellhead Construction	\$14,800	
Pipeline Construction	\$12,000	
Completion Tools & Rentals	\$2,100	
Sanitation	\$135	
Administrative Overhead	\$5,760	
Office, Phone Overhead	\$0	
Misc	\$0	
<b>Total Completion</b>	<b>\$0</b>	<b>\$239,945</b>

### Drilling and Completion Tangibles

Tubulars						
Surface	625	8-5/8" O.D. J-55, 24#	29	\$/Foot	\$18,280	
Cementing Surface Casing					\$500	
Casing Crew Surface Casing					\$0	
Intermediate	0	0	0	\$/Foot	\$0	
Cementing Intermediate Casing					\$0	
Casing Crew Intermediate Casing					\$0	
Production	7,925	4 1/2"	7	\$/Foot	\$61,630	
Casing Crew, production string					\$5,310	
Cementing, production casing					\$35,000	
Tubing	7,725	2-3/8" x 7.68/lb	3	\$/Foot	\$28,730	
Wellhead Equipment					\$9,000	
Line Pipe & Fittings					\$5,000	
Production Tanks					\$19,300	
Gas Dehydrator & Separator					\$4,700	
Float Equipment					\$0	
Cathodic Protection					\$0	
Other misc					\$0	
<b>Plugging Cost</b>					<b>\$0</b>	
<b>Total Equipment Cost</b>					<b>\$18,780</b>	<b>\$160,670</b>
<b>Total Drilling Cost</b>					<b>\$213,030</b>	
<b>Total Completion Cost</b>						<b>\$400,615</b>
<b>Total Well Cost Dry Hole</b>					<b>\$213,030</b>	
<b>Total Well Cost Completed</b>						<b>\$513,645</b>

AUTHORITY FOR EXPENDITURE  
DRILL AND COMPLETE

10/16/2009



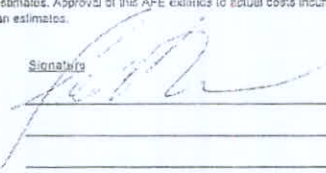
AFE#  
Lease/Well Name:  
Location:  
Field/Prospect:

A0184  
07680/Schultz #22-30  
SENW 30-4N-57W  
Internal

Program  
County:  
State:  
Proposed TD:

Weld  
CO  
7325

It is recognized that the above costs are estimates. Approval of this AFE extends to actual costs incurred in these operations whether more or less than estimates.

Working Interest Owner	Signature	Date	Ownership
Petroleum Development Corporation		Date: <u>10/16/09</u>	0.00563800
Wolverine Exploration Program		Date: _____	0.00592500
Kent T. Bowden		Date: _____	0.00159400
Howard Kaplan		Date: _____	0.00296100
Gary L. Petersen		Date: _____	0.00159400
Sharon R. Petersen		Date: _____	
William S. Spielman		Date: _____	0.0079700
Clarence W. Weber, Jr.		Date: _____	0.00159400
Dorothy R. Weber		Date: _____	
TOTAL			1.00000000



BEFORE THE OIL AND GAS CONSERVATION COMMISSION  
OF THE STATE OF COLORADO

IN THE MATTER OF THE APPLICATION OF )  
PETROLEUM DEVELOPMENT CORP. FOR AN )  
ORDER POOLING CERTAIN NONCONSENTING )  
INTERESTS IN THE CODELL/NIOBRARA )  
FORMATION LOCATED IN THE WATTENBERG )  
FIELD, WELD COUNTY, COLORADO )

CAUSE NO. 232

DOCKET NO.

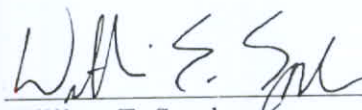
AFFIDAVIT OF MAILING

STATE OF COLORADO )

CITY AND COUNTY OF DENVER )

William E. Sparks of lawful age, and being first duly sworn upon his oath, states and declares:

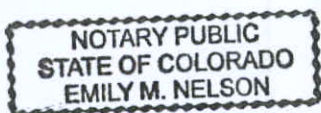
That he is the attorney for Petroleum Development Corporation, that on or before December 30, 2009, he caused a copy of the attached Application to be deposited in the United States Mail, postage prepaid, addressed to the parties listed on Exhibit A attached hereto.

  
William E. Sparks

Subscribed and sworn to before me December 22, 2009.

Witness my hand and official seal.

My commission expires: 07/07/2010.



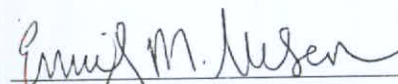
  
Notary Public

Exhibit A

State of Colorado  
State Board of Land Commissioners  
1127 Sherman Street, Suite 300  
Denver, CO 80203-2206

Wolverine Exploration Program, Inc.  
Attn: Jack Davis  
124 West Allegan Street  
Lansing, MI 48933

Kent T. Bowden  
508 W. Grand River Avenue  
Lansing, MI 48906

Howard Kaplan  
c/o Gruber, Miller & Kaplan  
700 N. Washington  
Lansing, MI 48906

Gary L. Petersen & Sharon R. Petersen  
13989 McCrumb Road  
Eagle, MI 48822

William S. Spielman  
935 Rosewood Avenue  
East Lansing, MI 48823

Clarence W. Weber, Jr. & Dorothy R. Weber  
8558 Imperial Circle  
Palmetto, FL 34221



NOTICE OF  
HEARING

AVERY

BEFORE THE OIL AND GAS CONSERVATION COMMISSION  
OF THE STATE OF COLORADO

IN THE MATTER OF THE PROMULGATION AND	)	CAUSE NO. 407
ESTABLISHMENT OF FIELD RULES TO GOVERN	)	
OPERATIONS IN THE WATTENBERG FIELD,	)	DOCKET NO. 1002-UP-14
WELD COUNTY, COLORADO	)	

NOTICE OF HEARING

TO ALL INTERESTED PARTIES AND TO WHOM IT MAY CONCERN:

On December 19, 1983, the Commission issued Order No. 407-1 (amended on March 29, 2000 in accordance with Order No. 407-17, entered November 18, 1985), which among other things, established 80-acre drilling and spacing units for the production of oil and/or gas and associated hydrocarbons from the Codell Formation underlying certain lands, including Section 30, Township 4 North, Range 67 West, 6<sup>th</sup> P.M., with the drilling and spacing unit to be designated by the operator drilling the first well in the quarter section, (or the Director, if the operator fails to designate). The permitted well shall be located in the center of either 40-acre tract within the drilling and spacing unit with a tolerance of 200 feet in any direction. The operator shall have the option to drill an additional well on the undrilled 40-acre tract in each 80-acre drilling and spacing unit.

On February 19, 1992, the Commission issued Order No. 407-87 (amended August 20, 1993), which among other things, established 80-acre drilling and spacing units for the production of oil and/or gas from the Codell and Niobrara Formations underlying certain lands, including Section 30, Township 4 North, Range 67 West, 6<sup>th</sup> P.M., with the permitted well locations in accordance with the provisions of Order No. 407-1.

On April 27, 1998, the Commission adopted Rule 318A., which, among other things, allowed certain drilling locations to be utilized to drill or twin a well, deepen a well or recomplete a well and to commingle any or all of the Cretaceous Age Formations from the base of the Dakota Formation to the surface. Section 30, Township 4 North, Range 67 West, 6<sup>th</sup> P.M., is subject to this Rule for the Codell and Niobrara Formations.

On December 23, 2009, Petroleum Development Corporation, by its attorneys, filed with the Commission a verified application to designate an approximate 80-acre drilling and spacing unit consisting of the S $\frac{1}{2}$  NW $\frac{1}{4}$  of Section 30, Township 4 North, Range 67 West, 6<sup>th</sup> P.M. (to accommodate the planned bottomhole location of the **Shultz #22-30 Well**, 1820 feet FNL and 2110 feet FWL in said Section 30), for the production of gas and associated hydrocarbons from the Codell and Niobrara Formations, and to pool all nonconsenting interests in said unit, for the development and operation of the Codell and Niobrara Formations.

NOTICE IS HEREBY GIVEN, that the Oil and Gas Conservation Commission of the State of Colorado, pursuant to the above, has scheduled the above-entitled matter for hearing on:

Date: Monday, February 22, 2010  
Tuesday, February 23, 2010

Time: 9:00 a.m.

Place: Suite 801, The Chancery Building  
1120 Lincoln Street  
Denver, Colorado 80203

In accordance with the Americans with Disabilities Act, if any party requires special accommodations as a result of a disability for this hearing, please contact Margaret Humecki at (303) 894-2100 ext. 5139, prior to the hearing and arrangements will be made.

Pursuant to said hearing in the above-entitled matter at the time and place aforesaid, or at any adjourned meeting, the Commission will enter such orders as it deems appropriate to protect the health, safety and welfare of the public and to prevent the waste of oil and gas, either or both, in the operations of said field, and to carry out the purposes of the statute.

In accordance with Rule 509., any interested party desiring to protest the

NON-CONSENT  
WORKING INTEREST OWNERS

AVERY





## Petroleum Development Corporation

October 21, 2009

Wolverine Exploration Programs  
Attn: Jack Davis  
124 West Allegan Street  
Lansing, MI 48933

**Certified Mail**  
**#7008 1830 0001 2693 2323**

### WELL PROPOSAL

Schultz 22-30

Township 4 North, Range 67 West, 6<sup>th</sup> P.M.

Section 30: SE/4NW/4 (Spaced S/2NW/4)

Weld County, Colorado

Dear Mr. Davis:

Petroleum Development Corporation ("PDC") drilled the above captioned well in which you own a working interest. PDC inadvertently failed to notify you of its intention to drill and give you the option to participate prior to drilling the well. We apologize for this oversight and at this time we request that you make an election.

Attached for your review and approval are two (2) copies of the original Authority for Expenditure ("AFE") for this proposal. The costs set out in the AFE are estimates and the actual costs may be higher or lower. Your approval of the AFE constitutes your approval of the actual costs of the operation.

If you choose to participate in this operation, please execute and return this letter along with one fully executed AFE. Failure to respond to this proposal within thirty (30) days from the date of the letter will be deemed as a non-consent election.

Should you decide to participate, upon receipt of your election to participate in this well, PDC will send you a Joint Operating Agreement ("JOA") for your review and approval.

Should you have any questions or need additional information, please call me at 303-860-5831.

Sincerely,

Marie McCord  
Consulting Landman

---

#### Enclosures

CORPORATE OFFICE:  
Petroleum Development Corporation  
1775 Sherman Street, Suite 3000  
Denver, CO 80203  
303-860-5800

BRIDGEPORT OFFICE:  
Petroleum Development Corporation  
120 Genesis Boulevard • P.O. Box 26  
Bridgeport, WV 26330  
304-842-3597

**WELL PROPOSAL**

**Schultz 22-30**

**Wolverine Exploration Programs**

**Attn: Jack Davis**

**October 21, 2009**

**Page 2 of 2**

\_\_\_\_\_ The undersigned elects to participate in the drilling of the Schultz 22-30 well. Enclosed please find and executed AFE.

If so,

\_\_\_\_\_ Elects to acquire proportionate share of any available non-consent interest

\_\_\_\_\_ Elects NOT to acquire proportionate share of any available non-consent interest

\_\_\_\_\_ The undersigned elects NOT to participate in the drilling of the Schultz 22-30 well.

**WOLVERINE EXPLORATION PROGRAMS**

BY: \_\_\_\_\_

AUTHORITY EXPENDITURE  
DRILL AND COMPLETE

10/16/2009

AFE#

A0148

Lease/Well Name:

07680/Shultz #22-30

Location:

SEW 30-4N-67W

Field/Prospect:

Wattenberg

Program

County:

State:

Proposed TD:

Well

CO

7925

**DRILLING INTANGIBLES:**

	Dry Hole Without Pipe	Completed Well
Permitting	\$7,300	
Location, Roads, Pits	\$13,765	
Drilling Rig, Footage & boiler	\$0	
Drilling Rig, Daywork & boiler	\$9,420	
Drilling Rig, Mobilization	\$10,000	
Drilling Rig, Turnkey	\$126,530	
Drilling Bits	\$0	
Directional Services	\$0	
Coring	\$0	
Professional Services (Legal, Engineering, Geological)	\$0	
Electric Logging	\$6,500	
Well Site Supervisor	\$1,800	
Geological Supervision	\$0	
Mud Logger	\$0	
Drilling Mud & Corrosion Control	\$3,300	
Rentals	\$0	
Water Purchase & Water Hauling	\$12,000	
Sanitation, drinking water & assoc. costs	\$0	
Roustabout Crews & Welders	\$500	
Administrative Overhead	\$3,135	
Office, Phone Overhead	\$0	
Trucking	\$0	
<b>Total Drilling</b>	<b>\$194,250</b>	<b>\$0</b>

**Completion Intangibles**

Completion Unit & Auxiliary Services	\$21,250	
Swabbing Unit	\$4,000	
Snubbing Unit	\$0	
Well Site Supervisor	\$0	
Professional Services	\$0	
Slick Line Unit	\$0	
Cased hole logging	\$2,500	
Perforating, tubing conveyed	\$0	
Perforating, electric line unit	\$11,700	
Nitrogen for blow arounds/cleanouts	\$0	
Fracture Stimulation	\$135,000	
Trucking	\$0	
Location, Roads & Pits	\$2,500	
Water Hauling	\$15,500	
KCL Purchase	\$1,400	
Hot Oil Unit	\$10,800	
Battery & Wellhead Construction	\$14,800	
Pipeline Construction	\$12,500	
Completion Tools & Rentals	\$2,100	
Sanitation	\$135	
Administrative Overhead	\$5,760	
Office, Phone Overhead	\$0	
Misc.	\$0	
<b>Total Completion</b>	<b>\$0</b>	<b>\$239,945</b>

**Drilling and Completion Tangibles**

<b>Tubulars</b>					
Surface	625	8-5/8" OD J-55 24#	29	\$/Foot	\$18,280
Cementing Surface Casing					\$500
Casing Crew Surface Casing					\$0
Intermediate	0	0	0	\$/Foot	\$0
Cementing Intermediate Casing					\$0
Casing Crew Intermediate Casing					\$0
Production	7,925	4 1/2"	7	\$/Foot	\$51,830
Casing Crew, production string					\$5,310
Cementing, production casing					\$35,000
Tubing	7,725	2-3/8" 4.7#/#	3	\$/Foot	\$28,730
Wellhead Equipment					\$9,000
Line Pipe & Fittings					\$5,800
Production Tanks					\$3,000
Gas Dehydrator & Separator					\$19,300
Float Equipment					\$4,700
Cathodic Protection					\$0
Other misc					\$0
<b>Plugging Cost</b>					<b>\$0</b>
<b>Total Equipment Cost</b>					<b>\$18,780</b>
<b>Total Drilling Cost</b>					<b>\$213,030</b>
<b>Total Completion Cost</b>					<b>\$400,615</b>
<b>Total Well Cost Dry Hole</b>					<b>\$213,030</b>
<b>Total Well Cost Completed</b>					<b>\$613,645</b>



AUTHORITY FOR EXPENDITURE  
DRILL AND COMPLETE

10/16/2009



AFE#

Lease/Well Name:

Location:

Field/Prospect:

A0184

07680/Schultz #22-30

SENW 30-4N-67W

Internal

Program

County:

State:

Proposed TD:

Weld

CO

7925

It is recognized that the above costs are estimates. Approval of this AFE extends to actual costs incurred in these operations whether more or less than estimates.

Working Interest Owner

Signature

Date

Ownership

Petroleum Development Corporation

Date: 10/16/09

0.98553800

Wolverine Exploration Program

Date:

0.00592200

Kent T. Bowden

Date:

0.00159400

Howard Kaplan

Date:

0.00296100

Gary L. Petersen

Date:

0.00159400

Sharon R. Petersen

Date:

William S. Spielman

Date:

0.00079700

Clarence W. Weber, Jr.

Date:

0.00159400

Dorothy R. Weber

Date:

TOTAL

1.00000000

## SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

**Wolverine Exploration**  
**Attn: Jack Davis**  
**124 W. Allegan Street**  
**Lansing, MI 48933**

2. Article Number

(Transfer from service label)

7008 1830 0001 2693 2323

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-1540

## COMPLETE THIS SECTION ON DELIVERY

A. Signature

X *J. Givens*☐ Agent☐ Addressee

B. Received by (Printed Name)

*DANIT GIVENS*

C. Date of Delivery

*10-27-04*D. Is delivery address different from item 1? ☐ YesIf YES, enter delivery address below: ☒ No

3. Service Type

☒ Certified Mail☐ Express Mail☐ Registered☒ Return Receipt for Merchandise☐ Insured Mail☐ C.O.D.

4. Restricted Delivery? (Extra Fee)

☐ Yes

U.S. Postal Service™

CERTIFIED MAIL™ RECEIPT

(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at [www.usps.com](http://www.usps.com)

OFFICIAL USE

Postage

\$ 1.22

Certified Fee

2.80

Return Receipt Fee  
(Endorsement Required)

2.30

Restricted Delivery Fee  
(Endorsement Required)

Total Postage &amp; Fees

\$ 6.32

Postmark  
Here*Shultz  
22-30*

Se **Wolverine Exploration**  
 SI **Attn: Jack Davis**  
 or **124 W. Allegan Street**  
 CI **Lansing, MI 48933**

Instructions

7008 1830 0001 2693 2323



## Petroleum Development Corporation

October 21, 2009

Gary L. Peterson & Sharon R. Petersen  
13989 McCrumb Road  
Eagle, MI 48822

**Certified Mail**  
**7007 3020 0003 3316 0201**

### WELL PROPOSAL

Schultz 22-30

Township 4 North, Range 67 West, 6<sup>th</sup> P.M.

Section 30: SE/4NW/4 (Spaced S/2NW/4)

Weld County, Colorado

Dear Mr. & Mrs. Petersen:

Petroleum Development Corporation ("PDC") drilled the above captioned well in which you own a working interest. PDC inadvertently failed to notify you of its intention to drill and give you the option to participate prior to drilling the well. We apologize for this oversight and at this time we request that you make an election.

Attached for your review and approval are two (2) copies of the original Authority for Expenditure ("AFE") for this proposal. The costs set out in the AFE are estimates and the actual costs may be higher or lower. Your approval of the AFE constitutes your approval of the actual costs of the operation.

If you choose to participate in this operation, please execute and return this letter along with one fully executed AFE. Failure to respond to this proposal within thirty (30) days from the date of the letter will be deemed as a non-consent election.

Should you decide to participate, upon receipt of your election to participate in this well, PDC will send you a Joint Operating Agreement ("JOA") for your review and approval.

Should you have any questions or need additional information, please call me at 303-860-5831.

Sincerely,

Marie McCord  
Consulting Landman

Enclosures

CORPORATE OFFICE:  
Petroleum Development Corporation  
1775 Sherman Street, Suite 3000  
Denver, CO 80203  
303-860-5800

BRIDGEPORT OFFICE:  
Petroleum Development Corporation  
120 Genesis Boulevard • P.O. Box 26  
Bridgeport, WV 26330  
304-842-3597

**WELL PROPOSAL**

**Schultz 22-30**

**Gary L. & Sharon R. Petersen**

**October 21, 2009**

**Page 2 of 2**

\_\_\_\_\_

The undersigned elects to participate in the drilling of the Schultz 22-30 well. Enclosed please find and executed AFE.

If so,

\_\_\_\_\_ Elects to acquire proportionate share of any available non-consent interest

\_\_\_\_\_ Elects NOT to acquire proportionate share of any available non-consent interest

\_\_\_\_\_

The undersigned elects NOT to participate in the drilling of the Schultz 22-30 well.

\_\_\_\_\_  
Gary L Petersen

\_\_\_\_\_  
Sharon R. Petersen



AUTHORITY EXPENDITURE  
DRILL AND COMPLETE

10/16/2009

AFE#

Lease/Well Name:  
Location:  
Field/Prospect:

A0148  
07680/Shultz #22-30  
SEW 30-4N-67W  
Wattenberg

Program  
County:  
State:  
Proposed TD:

Weid  
CO  
7925

**DRILLING INTANGIBLES:**

	Dry Hole Without Pipe	Completed Well
Permitting	\$7,300	
Location, Roads, Pits	\$13,765	
Drilling Rig, Footage & boiler	\$0	
Drilling Rig, Daywork & boiler	\$9,420	
Drilling Rig, Mobilization	\$10,000	
Drilling Rig, Turnkey	\$126,530	
Drilling Bits	\$0	
Directional Services	\$0	
Coring	\$0	
Professional Services (Legal, Engineering, Geological)	\$0	
Electric Logging	\$6,500	
Well Site Supervisor	\$1,800	
Geological Supervision	\$0	
Mud Logger	\$0	
Drilling Mud & Corrosion Control	\$3,300	
Rentals	\$0	
Water Purchase & Water Hauling	\$12,000	
Sanitation, drinking water & assoc. costs	\$0	
Roustabout Crews & Welders	\$500	
Administrative Overhead	\$3,135	
Office, Phone Overhead	\$0	
Trucking	\$0	
<b>Total Drilling</b>	<b>\$194,260</b>	<b>\$0</b>

**Completion Intangibles**

Completion Unit & Auxiliary Services	\$21,250	
Swabbing Unit	\$4,000	
Snubbing Unit	\$0	
Well Site Supervisor	\$0	
Professional Services	\$0	
Slick Line Unit	\$0	
Cased hole logging	\$2,500	
Perforating, tubing conveyed	\$0	
Perforating, electric line unit	\$11,700	
Nitrogen for blow arounds/cleanouts	\$0	
Fracture Stimulation	\$135,000	
Trucking	\$0	
Location, Roads & Pits	\$2,500	
Water Hauling	\$15,500	
KCL Purchase	\$1,400	
Hot Oil Unit	\$10,800	
Battery & Wellhead Construction	\$14,800	
Pipeline Construction	\$12,500	
Completion Tools & Rentals	\$2,100	
Sanitation	\$135	
Administrative Overhead	\$5,750	
Office, Phone Overhead	\$0	
Misc.	\$0	
<b>Total Completion</b>	<b>\$0</b>	<b>\$239,945</b>

**Drilling and Completion Tangibles**

<b>Tubulars</b>					
Surface	625	8-5/8" OD J-55 24#	29	\$/Foot	\$18,280
Cementing Surface Casing					\$500
Casing Crew Surface Casing					\$0
Intermediate	0	0	0	\$/Foot	\$0
Cementing Intermediate Casing					\$0
Casing Crew Intermediate Casing					\$0
Production	7,925	4 1/2"	7	\$/Foot	\$51,830
Casing Crew, production string					\$5,310
Cementing, production casing					\$35,000
Tubing	7,725	2-3/8" 4.7#/ft	3	\$/Foot	\$26,730
Wellhead Equipment					\$9,000
Line Pipe & Fittings					\$5,800
Production Tanks					\$3,000
Gas Dehydrator & Separator					\$19,300
Float Equipment					\$4,700
Cathodic Protection					\$0
Other misc					\$0
<b>Plugging Cost</b>					<b>\$0</b>
<b>Total Equipment Cost</b>					<b>\$18,780</b>
<b>Total Drilling Cost</b>					<b>\$213,030</b>
<b>Total Completion Cost</b>					<b>\$400,615</b>
<b>Total Well Cost Dry Hole</b>					<b>\$213,030</b>
<b>Total Well Cost Completed</b>					<b>\$613,645</b>

AUTHORITY FOR EXPENDITURE  
DRILL AND COMPLETE

10/16/2009



AFE#  
Lease/Well Name:  
Location:  
Field/Prospect:

A0184  
07680/Schultz #22-30  
SENW 30-4N-67W  
Internal

Program  
County:  
State:  
Proposed TD:

Well  
CO  
7925

It is recognized that the above costs are estimates. Approval of this AFE extends to actual costs incurred in these operations whether more or less than estimates.

Working Interest Owner

Signature

Date

Ownership

Petroleum Development Corporation

Date: 10/16/09

0.98553800

Wolverine Exploration Program

Date:

0.00592200

Kent T. Bowden

Date:

0.00159400

Howard Kaplan

Date:

0.00296100

Gary L. Petersen

Date:

0.00159400

Sharon R. Petersen

Date:

William S. Spielman

Date:

0.00079700

Clarence W. Weber, Jr.

Date:

0.00159400

Dorothy R. Weber

Date:

TOTAL

1.00000000



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**OFFICIAL USE**

Postage

\$ 1.22

Certified Fee

2.50

Return Receipt Fee  
(Endorsement Required)

2.30

Restricted Delivery Fee  
(Endorsement Required)

6.32

Total Postage & Fees

\$

Postmark  
Here

*Schultz 222*

Sen

or F

City

PS

**Gary L. Petersen &  
Sharon R. Petersen  
13989 McCrumb Road  
Eagle, MI 48822**

Instructions

**SENDER: COMPLETE THIS SECTION**

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

**Gary L. Petersen &  
Sharon R. Petersen  
13989 McCrumb Road  
Eagle, MI 48822**

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature

*X Gary Petersen*

☐ Agent

☐ Addressee

B. Received by (Printed Name)

*GARY PETERSEN*

C. Date of Delivery

*10-27-09*

D. Is delivery address different from item 1? ☐ Yes

If YES, enter delivery address below: ☐ No

3. Service Type

☒ Certified Mail

☐ Express Mail

☐ Registered

☒ Return Receipt for Merchandise

☐ Insured Mail

☐ C.O.D.

4. Restricted Delivery? (Extra Fee)

☐ Yes

2. Article Number

(Transfer from service label)

7007 3020 0003 3316 0201

WORKING INTEREST OWNERS  
UNCLAIMED NOTICE

AVERY



## Petroleum Development Corporation

October 21, 2009

Kent T. Bowden  
508 W. Grand River Avenue  
Lansing, MI 48906

**Certified Mail**  
**7007 3020 0003 3316 0096**

### WELL PROPOSAL

Schultz 22-30

Township 4 North, Range 67 West, 6<sup>th</sup> P.M.

Section 30: SE/4NW/4 (Spaced S/2NW/4)

Weld County, Colorado

Dear Mr. Bowden:

Petroleum Development Corporation ("PDC") drilled the above captioned well in which you own a working interest. PDC inadvertently failed to notify you of its intention to drill and give you the option to participate prior to drilling the well. We apologize for this oversight and at this time we request that you make an election.

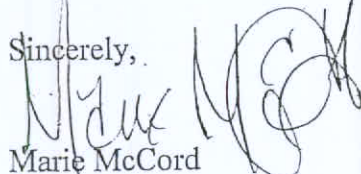
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If you choose to participate in this operation, please execute and return this letter along with one fully executed AFE. Failure to respond to this proposal within thirty (30) days from the date of the letter will be deemed as a non-consent election.

Should you decide to participate, upon receipt of your election to participate in this well, PDC will send you a Joint Operating Agreement ("JOA") for your review and approval.

Should you have any questions or need additional information, please call me at 303-860-5831.

Sincerely,



Marie McCord  
Consulting Landman

Enclosures

CORPORATE OFFICE:  
Petroleum Development Corporation  
1775 Sherman Street, Suite 3000  
Denver, CO 80203  
303-860-5800

BRIDGEPORT OFFICE:  
Petroleum Development Corporation  
120 Genesis Boulevard • P.O. Box 26  
Bridgeport, WV 26330  
304-842-3597

**WELL PROPOSAL**

**Schultz 22-30**

**Ken T. Bowden**

**October 21, 2009**

**Page 2 of 2**

\_\_\_\_\_ The undersigned elects to participate in the drilling of the Schultz 22-30 well. Enclosed please find and executed AFE.

If so,

\_\_\_\_\_ Elects to acquire proportionate share of any available non-consent interest

\_\_\_\_\_ Elects NOT to acquire proportionate share of any available non-consent interest

\_\_\_\_\_ The undersigned elects NOT to participate in the drilling of the Schultz 22-30 well.

\_\_\_\_\_  
Ken T. Bowden



**AUTHORITY EXPENDITURE  
DRILL AND COMPLETE**

10/16/2009

AFE#

Lease/Well Name:

Location:

Field/Prospect:

A0148

07680/Shultz #22-30

SENW 30-4N-67W

Wattenberg

Program

County:

State:

Proposed TD:

Weid

CO

7925

**DRILLING INTANGIBLES:**

	Dry Hole Without Pipe	Completed Well
Permitting	\$7,300	
Location, Roads, Pits	\$13,765	
Drilling Rig, Footage & boiler	\$0	
Drilling Rig, Daywork & boiler	\$9,420	
Drilling Rig, Mobilization	\$10,000	
Drilling Rig, Tunkey	\$128,530	
Drilling Bits	\$0	
Directional Services	\$0	
Coring	\$0	
Professional Services (Legal, Engineering, Geological)	\$0	
Electric Logging	\$8,500	
Well Site Supervisor	\$1,800	
Geological Supervision	\$0	
Mud Logger	\$0	
Drilling Mud & Corrosion Control	\$3,300	
Rentals	\$0	
Water Purchase & Water Hauling	\$12,000	
Sanitation, drinking water & assoc. costs	\$0	
Roustabout Crews & Welders	\$500	
Administrative Overhead	\$3,135	
Office, Phone Overhead	\$0	
Trucking	\$0	
<b>Total Drilling</b>	<b>\$194,250</b>	<b>\$0</b>

**Completion Intangibles**

Completion Unit & Auxiliary Services		\$21,250
Swabbing Unit		\$4,000
Snubbing Unit		\$0
Well Site Supervisor		\$0
Professional Services		\$0
Slick Line Unit		\$0
Cased hole logging		\$2,500
Perforating, tubing conveyed		\$0
Perforating, electric line unit		\$11,700
Nitrogen for blow arounds/cleanouts		\$0
Fracture Stimulation		\$135,000
Trucking		\$0
Location, Roads & Pits		\$2,500
Water Hauling		\$15,500
KCL Purchase		\$1,400
Hot Oil Unit		\$10,800
Battery & Wellhead Construction		\$14,800
Pipeline Construction		\$12,500
Completion Tools & Rentals		\$2,100
Sanitation		\$135
Administrative Overhead		\$5,780
Office, Phone Overhead		\$0
Misc.		\$0
<b>Total Completion</b>	<b>\$0</b>	<b>\$239,945</b>

**Drilling and Completion Tangibles**

Tubulars					
Surface	625	8-5/8" OD J-55 24#	29	\$/Foot	\$18,280
Cementing Surface Casing					\$500
Casing Crew Surface Casing					\$0
Intermediate	0	0	0	\$/Foot	\$0
Cementing Intermediate Casing					\$0
Casing Crew Intermediate Casing					\$0
Production	7,925	4 1/2"	7	\$/Foot	\$51,830
Casing Crew, production string					\$5,310
Cementing, production casing					\$35,000
Tubing	7,725	2-3/8" 4.7#/ft	3	\$/Foot	\$26,730
Wellhead Equipment					\$9,000
Line Pipe & Fittings					\$5,800
Production Tanks					\$3,000
Gas Dehydrator & Separator					\$19,300
Float Equipment					\$4,700
Cathodic Protection					\$0
Other misc					\$0
<b>Plugging Cost</b>					<b>\$0</b>
<b>Total Equipment Cost</b>					<b>\$18,780</b>
<b>Total Drilling Cost</b>					<b>\$213,030</b>
<b>Total Completion Cost</b>					<b>\$400,615</b>
<b>Total Well Cost Dry Hole</b>					<b>\$213,030</b>
<b>Total Well Cost Completed</b>					<b>\$613,645</b>

AUTHORITY FOR EXPENDITURE  
DRILL AND COMPLETE

10/16/2009

AFE#

Lease/Well Name:

Location:

Field/Prospect:

A0184

07680/Schultz #22-30

SENW 30-4N-67W

Internal

Program

County:

State:

Proposed TD:

Weld

CO

7925

It is recognized that the above costs are estimates. Approval of this AFE extends to actual costs incurred in these operations whether more or less than estimates.

Working Interest Owner

Signature

Date

Ownership

Petroleum Development Corporation

Date: 10/16/09

0.98553800

Wolverine Exploration Program

Date:

0.00592200

Kent T. Bowden

Date:

0.00155400

Howard Kaplan

Date:

0.00296100

Gary L. Petersen

Date:

0.00155400

Sharon R. Petersen

Date:

0.00076700

William S. Spielman

Date:

0.00155400

Clarence W. Weber, Jr.

Date:

0.00155400

Dorothy R. Weber

Date:

TOTAL

1.00000000

7007 3020 0003 3316 0096

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For delivery information visit our website at [www.usps.com](http://www.usps.com)

**OFFICIAL USE**

Postage	\$ 1.22
Certified Fee	2.80
Return Receipt Fee (Endorsement Required)	2.30
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$6.32

Postmark  
Here

Schultz  
22-30

**Ken T. Bowden**  
**508 Grand Avenue**  
**Lansing, MI 48906**

or Instructions



CERTIFIED MAIL™



7007 3020 0003 3316 0096



UNITED STATES POSTAGE  
PITNEY BOWEN  
02 1P  
\$ 006.32<sup>0</sup>  
0003900243 OCT 22 2009  
MAILED FROM ZIP CODE 80203

40718



Petroleum Development Corporation  
1775 Sherman St., Suite 3000  
Denver, CO 80203

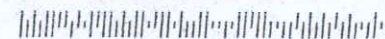
Ren T. Bowden  
508 Grand Avenue  
Lansing, MI 48906

☐ Forwarding Order Expired  
☐ Insufficient Address  
☐ Moved, Left No Address  
☐ Attempted - Not Refused  
☐ No Such Street  
☐ No Such Number  
Route No. \_\_\_\_\_  
Carr./Initials \_\_\_\_\_ Date \_\_\_\_\_

☒ Forwarding Order Expired  
☐ Insufficient Address  
☐ Moved, Left No Address  
☐ Attempted - Not Refused  
☐ No Such Street  
☐ No Such Number  
Route No. \_\_\_\_\_  
Carr./Initials \_\_\_\_\_ Date \_\_\_\_\_

AL  
10/27/09

11-11





UN-LOCATABLE  
WORKING INTEREST OWNERS

AVIARY



## Petroleum Development Corporation

October 21, 2009

Howard Kaplan  
C/O Gruber, Miller & Kaplan  
700 N. Washington  
Lansing, MI 48906

**Certified Mail**  
**#7007 3020 0003 3316 0102**

### WELL PROPOSAL

Schultz 22-30

Township 4 North, Range 67 West, 6<sup>th</sup> P.M.

Section 30: SE/4NW/4 (Spaced S/2NW/4)

Weld County, Colorado

Dear Mr. Kaplan:

Petroleum Development Corporation ("PDC") drilled the above captioned well in which you own a working interest. PDC inadvertently failed to notify you of its intention to drill and give you the option to participate prior to drilling the well. We apologize for this oversight and at this time we request that you make an election.

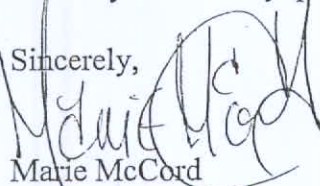
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Should you have any questions or need additional information, please call me at 303-860-5831.

Sincerely,



Marie McCord  
Consulting Landman

---

#### Enclosures

CORPORATE OFFICE:  
Petroleum Development Corporation  
1775 Sherman Street, Suite 3000  
Denver, CO 80203  
303-860-5800

BRIDGEPORT OFFICE:  
Petroleum Development Corporation  
120 Genesis Boulevard • P.O. Box 26  
Bridgeport, WV 26330  
304-842-3597

**WELL PROPOSAL**

**Schultz 22-30**

**Howard Kaplan**

**October 21, 2009**

**Page 2 of 2**

\_\_\_\_\_ The undersigned elects to participate in the drilling of the Schultz 22-30 well. Enclosed please find and executed AFE.

If so,

\_\_\_\_\_ Elects to acquire proportionate share of any available non-consent interest

\_\_\_\_\_ Elects NOT to acquire proportionate share of any available non-consent interest

\_\_\_\_\_ The undersigned elects NOT to participate in the drilling of the Schultz 22-30 well.

\_\_\_\_\_  
Howard Kaplan

AUTHORITY EXPENDITURE  
DRILL AND COMPLETE

10/16/2009

AFE#

Lease/Well Name:

Location:

Field/Prospect:

A0148

07680/Shultz #22-30

SENW 30-4N-67W

Wattenberg

Program

County:

State:

Proposed TD:

Well

CO

7925

**DRILLING INTANGIBLES:**

	Dry Hole Without Pipe	Completed Well
Permitting	\$7,300	
Location, Roads, Pits	\$13,765	
Drilling Rig, Footage & boiler	\$0	
Drilling Rig, Daywork & boiler	\$9,420	
Drilling Rig, Mobilization	\$10,000	
Drilling Rig, Turnkey	\$126,530	
Drilling Bits	\$0	
Directional Services	\$0	
Coring	\$0	
Professional Services (Legal, Engineering, Geological)	\$0	
Electric Logging	\$6,500	
Well Site Supervisor	\$1,800	
Geological Supervision	\$0	
Mud Logger	\$0	
Drilling Mud & Corrosion Control	\$3,300	
Rentals	\$0	
Water Purchase & Water Hauling	\$12,000	
Sanitation, drinking water & assoc. costs	\$0	
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Administrative Overhead	\$3,135	
Office, Phone Overhead	\$0	
Trucking	\$0	
<b>Total Drilling</b>	<b>\$194,250</b>	<b>\$0</b>

**Completion Intangibles**

Completion Unit & Auxiliary Services		\$21,250
Swabbing Unit		\$4,000
Snubbing Unit		\$0
Well Site Supervisor		\$0
Professional Services		\$0
Slick Line Unit		\$0
Cased hole logging		\$2,500
Perforating, tubing conveyed		\$0
Perforating, electric line unit		\$11,700
Nitrogen for blow arounds/cleanouts		\$0
Fracture Stimulation		\$135,000
Trucking		\$0
Location, Roads & Pits		\$2,500
Water Hauling		\$15,500
KCL Purchase		\$1,400
Hot Oil Unit		\$10,800
Battery & Wellhead Construction		\$14,800
Pipeline Construction		\$12,500
Completion Tools & Rentals		\$2,100
Sanitation		\$135
Administrative Overhead		\$5,780
Office, Phone Overhead		\$0
Misc.		\$0
<b>Total Completion</b>	<b>\$0</b>	<b>\$239,945</b>

**Drilling and Completion Tangibles**

<b>Tubulars</b>					
Surface	625	8-5/8" OD J-55 24#	29	\$/Foot	\$18,280
Cementing Surface Casing					\$500
Casing Crew Surface Casing					\$0
Intermediate	0	0	0	\$/Foot	\$0
Cementing Intermediate Casing					\$0
Casing Crew Intermediate Casing					\$0
Production	7,925	4 1/2"	7	\$/Foot	\$51,530
Casing Crew, production string					\$5,310
Cementing, production casing					\$35,000
Tubing	7,725	2-3/8" 4.7#/ft	3	\$/Foot	\$26,730
Wellhead Equipment					\$9,000
Line Pipe & Fittings					\$5,800
Production Tanks					\$3,000
Gas Dehydrator & Separator					\$19,300
Float Equipment					\$4,700
Cathodic Protection					\$0
Other misc					\$0
Plugging Cost					\$0
<b>Total Equipment Cost</b>					<b>\$18,780</b>
<b>Total Drilling Cost</b>					<b>\$213,030</b>
<b>Total Completion Cost</b>					<b>\$400,615</b>
<b>Total Well Cost Dry Hole</b>					<b>\$213,030</b>
<b>Total Well Cost Completed</b>					<b>\$613,645</b>



AUTHORITY FOR EXPENDITURE  
DRILL AND COMPLETE

10/16/2009

AFE#  
Lease/Well Name:  
Location:  
Field/Prospect:

A0184  
07680/Schultz #22-30  
SENW 30-4N-67W  
Internal

Program  
County:  
State:  
Proposed TD:

Well  
CO  
7925

It is recognized that the above costs are estimates. Approval of this AFE extends to actual costs incurred in these operations whether more or less than estimates.

Working Interest Owner

Signature

Date

Ownership

Petroleum Development Corporation

Wolverine Exploration Program

Kent T. Bowden

Howard Kaplan

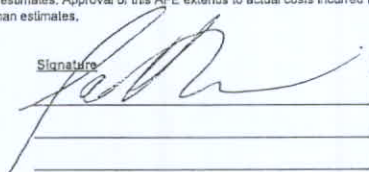
Gary L. Petersen

Sharon R. Petersen

William S. Spielman

Clarence W. Weber, Jr.

Dorothy R. Weber

  
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Date: 10/16/09  
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0.00592200  
0.00159400  
0.00296100  
0.00159400  
0.00079700  
0.00159400  
0.00159400

TOTAL


1.00000000

7007 3020 0003 3316 0102

U.S. Postal Service™  
**CERTIFIED MAIL™ RECEIPT**  
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For delivery information visit our website at [www.usps.com](http://www.usps.com)

**OFFICIAL USE**

Postage	\$ 1.22	
Certified Fee	2.80	
Return Receipt Fee (Endorsement Required)	2.30	
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 6.32	

Sent to:  
**Howard Kaplan**  
C/O Gruber, Miller & Kaplan  
700 N. Washington  
Lansing, MI 48906

PS Instructions



7007 3020 0003 3316 0102

SCANNED  
RETURNED



*make  
move*



Petroleum Development Corporation  
1775 Sherman St., Suite 3000  
Denver, CO 80203

Howard Kaplan  
C/O Gruber, Miller & Kaplan  
700 N. Washington  
Lansing, MI 48906

*602  
UTP  
10-28*

SCANNED  
RETURNED

*Rede  
10/28*

NOT DELIVERABLE  
AS ADDRESSED  
UNABLE TO FORWARD

PARTICIPATING  
WORKING INTEREST OWNERS

DAVEY





## Petroleum Development Corporation

October 21, 2009

William S. Spielman  
935 Rosewood Avenue  
East Lansing, MI 48823

**Certified Mail**  
7008 1830 0001 2693 2330

### WELL PROPOSAL

#### Schultz 22-30

Township 4 North, Range 67 West, 6<sup>th</sup> P.M.

Section 30: SE/4NW/4 (Spaced S/2NW/4)

Weld County, Colorado

Dear Mr. Spielman:

Petroleum Development Corporation ("PDC") drilled the above captioned well in which you own a working interest. PDC inadvertently failed to notify you of its intention to drill and give you the option to participate prior to drilling the well. We apologize for this oversight and at this time we request that you make an election.

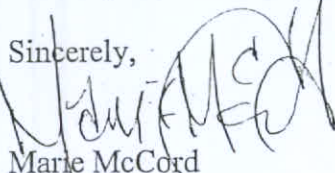
Attached for your review and approval are two (2) copies of the original Authority for Expenditure ("AFE") for this proposal. The costs set out in the AFE are estimates and the actual costs may be higher or lower. Your approval of the AFE constitutes your approval of the actual costs of the operation.

If you choose to participate in this operation, please execute and return this letter along with one fully executed AFE. Failure to respond to this proposal within thirty (30) days from the date of the letter will be deemed as a non-consent election.

Should you decide to participate, upon receipt of your election to participate in this well, PDC will send you a Joint Operating Agreement ("JOA") for your review and approval.

Should you have any questions or need additional information, please call me at 303-860-5831.

Sincerely,

  
Marie McCord  
Consulting Landman

Enclosures

CORPORATE OFFICE:  
Petroleum Development Corporation  
1775 Sherman Street, Suite 3000  
Denver, CO 80203  
303-860-5800

BRIDGEPORT OFFICE:  
Petroleum Development Corporation  
120 Genesis Boulevard • P.O. Box 26  
Bridgeport, WV 26330  
304-842-3597

WELL PROPOSAL  
Schultz 22-30  
William S. Spielman  
October 21, 2009  
Page 2 of 2

✓

\_\_\_\_\_ The undersigned elects to participate in the drilling of the Schultz 22-30 well. Enclosed please find and executed AFE.

If so,

✓

\_\_\_\_\_ Elects to acquire proportionate share of any available non-consent interest

\_\_\_\_\_ Elects NOT to acquire proportionate share of any available non-consent interest

\_\_\_\_\_ The undersigned elects NOT to participate in the drilling of the Schultz 22-30 well.

  
\_\_\_\_\_  
William S. Spielman

AUTHORITY EXPENDITURE  
DRILL AND COMPLETE

10/16/2009

AFE#

Lease/Well Name:

Location:

Field/Prospect:

A0148

07680/Shultz #22-30

SENW 30-4N-67W

Wattenberg

Program

County:

State:

Proposed TD:

Weid

CO

7925

**DRILLING INTANGIBLES:**

	Dry Hole Without Pipe	Completed Well
Permitting	\$7,300	
Location, Roads, Pits	\$13,765	
Drilling Rig, Footage & boiler	\$0	
Drilling Rig, Daywork & boiler	\$9,420	
Drilling Rig, Mobilization	\$10,000	
Drilling Rig, Tunkey	\$128,530	
Drilling Bits	\$0	
Directional Services	\$0	
Coring	\$0	
Professional Services (Legal, Engineering, Geological)	\$0	
Electric Logging	\$6,500	
Well Site Supervisor	\$1,800	
Geological Supervision	\$0	
Mud Logger	\$0	
Drilling Mud & Corrosion Control	\$3,300	
Rentals	\$0	
Water Purchase & Water Hauling	\$12,000	
Sanitation, drinking water & assoc. costs	\$0	
Roustabout Crews & Welders	\$500	
Administrative Overhead	\$3,135	
Office, Phone Overhead	\$0	
Trucking	\$0	
<b>Total Drilling</b>	<b>\$194,250</b>	<b>\$0</b>

**Completion Intangibles**

Completion Unit & Auxiliary Services		\$21,250
Swabbing Unit		\$4,000
Snubbing Unit		\$0
Well Site Supervisor		\$0
Professional Services		\$0
Slick Line Unit		\$0
Cased hole logging		\$2,500
Perforating, tubing conveyed		\$0
Perforating, electric line unit		\$11,700
Nitrogen for blow arounds/cleanouts		\$0
Fracture Stimulation		\$135,000
Trucking		\$0
Location, Roads & Pits		\$2,500
Water Hauling		\$15,500
KCL Purchase		\$1,400
Hot Oil Unit		\$10,800
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Completion Tools & Rentals		\$2,100
Sanitation		\$135
Administrative Overhead		\$5,780
Office, Phone Overhead		\$0
Misc.		\$0
<b>Total Completion</b>	<b>\$0</b>	<b>\$239,945</b>

**Drilling and Completion Tangibles**

<b>Tubulars</b>						
Surface	825	8-5/8" OD J-55 24#	29	\$/Foot	\$18,280	
Cementing Surface Casing					\$500	
Casing Crew Surface Casing					\$0	
Intermediate	0	0	0	\$/Foot	\$0	
Cementing Intermediate Casing					\$0	
Casing Crew Intermediate Casing					\$0	
Production	7,925	4 1/2"	7	\$/Foot	\$51,830	
Casing Crew, production string					\$5,310	
Cementing, production casing					\$35,000	
Tubing	7,725	2-3/8" 4.7#/ft	3	\$/Foot	\$26,730	
Wellhead Equipment					\$9,000	
Line Pipe & Fittings					\$5,800	
Production Tanks					\$3,000	
Gas Dehydrator & Separator					\$19,300	
Float Equipment					\$4,700	
Cathodic Protection					\$0	
Other misc					\$0	
Plugging Cost					\$0	
<b>Total Equipment Cost</b>					<b>\$18,780</b>	<b>\$160,670</b>
<b>Total Drilling Cost</b>					<b>\$213,030</b>	
<b>Total Completion Cost</b>						<b>\$400,615</b>
<b>Total Well Cost Dry Hole</b>					<b>\$213,030</b>	
<b>Total Well Cost Completed</b>						<b>\$613,645</b>

AUTHORITY FOR EXPENDITURE  
DRILL AND COMPLETE

10/16/2009

AFE#  
Lease/Well Name:  
Location:  
Field/Prospect:

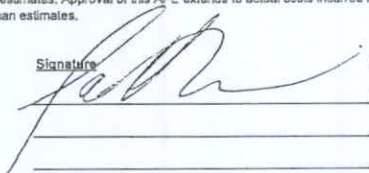
A0184  
07680/Schultz #22-30  
SENW 30-4N-67W  
Internal

Program:  
County:  
State:  
Proposed TD:

Weld  
CO  
7925



It is recognized that the above costs are estimates. Approval of this AFE extends to actual costs incurred in these operations whether more or less than estimates.

Working Interest Owner	Signature	Date	Ownership
Petroleum Development Corporation		Date: 10/16/09	0.98553800
Wolverine Exploration Program		Date:	0.00592200
Kent T. Bowden		Date:	0.00156400
Howard Kaplan		Date:	0.00296100
Gary L. Petersen		Date:	0.00156400
Sharon R. Petersen		Date:	
William S. Spielman		Date:	0.00079700
Clarence W. Weber, Jr.		Date:	0.00156400
Dorothy R. Weber		Date:	
TOTAL			1.00000000



## SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

**William S. Spielman**  
**935 Rosewood Avenue**  
**East Lansing, MI 48823**

## COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

☐ Agent  
☒ Addressee

B. Received by (Printed Name)

W. Spielman

C. Date of Delivery

1/17/05

D. Is delivery address different from item 1?

☐ Yes

If YES, enter delivery address below:

☐ No

3. Service Type

- ☒ Certified Mail    ☐ Express Mail  
☐ Registered    ☒ Return Receipt for Merchandise  
☐ Insured Mail    ☐ C.O.D.

4. Restricted Delivery? (Extra Fee)

☐ Yes

2. Article Number

(Transfer from service label)

7008 1830 0001 2693 2330

PS Form 3811, February 2004

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102595-02-M-1540

U.S. Postal Service™

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OFFICIAL USE

Postage

\$ 1.22

Certified Fee

2.80

Return Receipt Fee  
(Endorsement Required)

2.30

Restricted Delivery Fee  
(Endorsement Required)

6.32

To

Postmark  
HereRC  
Schultz 2230

Ser

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or I

City

**William S. Spielman**  
**935 Rosewood Avenue**  
**East Lansing, MI 48823**

PS

Instructions

7008 1830 0001 2693 2330



## Petroleum Development Corporation

October 21, 2009

Clarence W. Weber, Jr., &  
Dorothy R. Weber  
8558 Imperial Circle  
Palmetto, FL 34221

**Certified Mail**  
**7007 3020 0003 3316 0218**

### WELL PROPOSAL

Schultz 22-30

Township 4 North, Range 67 West, 6<sup>th</sup> P.M.

Section 30: SE/4NW/4 (Spaced S/2NW/4)

Weld County, Colorado

Dear Mr. & Mrs. Weber:

Petroleum Development Corporation ("PDC") drilled the above captioned well in which you own a working interest. PDC inadvertently failed to notify you of its intention to drill and give you the option to participate prior to drilling the well. We apologize for this oversight and at this time we request that you make an election.

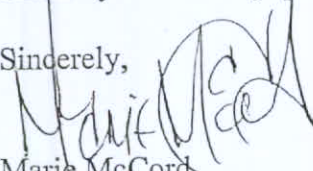
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Should you have any questions or need additional information, please call me at 303-860-5831.

Sincerely,



Marie McCord  
Consulting Landman

---

### Enclosures

CORPORATE OFFICE:  
Petroleum Development Corporation  
1775 Sherman Street, Suite 3000  
Denver, CO 80203  
303-860-5800

BRIDGEPORT OFFICE:  
Petroleum Development Corporation  
120 Genesis Boulevard • P.O. Box 26  
Bridgeport, WV 26330  
304-842-3597

WELL PROPOSAL

Schultz 22-30

~~William S. Spielman~~

October 21, 2009

Page 2 of 2

✓

The undersigned elects to participate in the drilling of the Schultz 22-30 well. Enclosed please find and executed AFE.

If so,

✓

Elects to acquire proportionate share of any available non-consent interest

Elects NOT to acquire proportionate share of any available non-consent interest

The undersigned elects NOT to participate in the drilling of the Schultz 22-30 well.

Clarence W. Weber Dorothy R. Weber

~~William S. Spielman~~



AUTHORITY EXPENDITURE  
DRILL AND COMPLETE

10/16/2009



AFE#

Lease/Well Name:

Location:

Field/Prospect:

A0148

07680/Shultz #22-30

SENW 30-4N-67W

Wattenberg

Program

County:

State:

Proposed TD:

Weid

CO

7925

**DRILLING INTANGIBLES:**

	Dry Hole Without Pipe	Completed Well
Permitting	\$7,300	
Location, Roads, Pits	\$13,765	
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Drilling Rig, Daywork & boiler	\$9,420	
Drilling Rig, Mobilization	\$10,000	
Drilling Rig, Turnkey	\$126,530	
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Sanitation, drinking water & assoc. costs	\$0	
Roustabout Crews & Welders	\$500	
Administrative Overhead	\$3,135	
Office, Phone Overhead	\$0	
Trucking	\$0	
<b>Total Drilling</b>	<b>\$194,250</b>	<b>\$0</b>

<b>Completion Intangibles</b>		
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Professional Services		\$0
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Trucking		\$0
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KCL Purchase		\$1,400
Hot Oil Unit		\$10,800
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<b>Tubulars</b>						
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Float Equipment					\$4,700	
Cathodic Protection					\$0	
Other misc					\$0	
<b>Plugging Cost</b>					<b>\$0</b>	
<b>Total Equipment Cost</b>					<b>\$18,780</b>	<b>\$160,670</b>
<b>Total Drilling Cost</b>					<b>\$213,030</b>	
<b>Total Completion Cost</b>						<b>\$400,615</b>
<b>Total Well Cost Dry Hole</b>					<b>\$213,030</b>	
<b>Total Well Cost Completed</b>						<b>\$613,645</b>



AUTHORITY FOR EXPENDITURE  
DRILL AND COMPLETE

10/16/2009



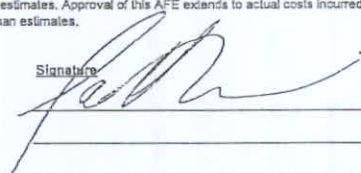
AFE#  
Lease/Well Name:  
Location:  
Field/Prospect:

A0184  
07680/Schultz #22-30  
SENW 30-4N-67W  
Internal

Program  
County:  
State:  
Proposed TD:

Weld  
CO  
7925

It is recognized that the above costs are estimates. Approval of this AFE extends to actual costs incurred in these operations whether more or less than estimates.

<u>Working Interest Owner</u>	<u>Signature</u>	<u>Date</u>	<u>Ownership</u>
Petroleum Development Corporation		Date: 10/16/09	0.88553800
Wolverine Exploration Program		Date:	0.00592200
Karl T. Sowden		Date:	0.00159400
Howard Kaplan		Date:	0.00298100
Gary L. Petersen		Date:	0.00159400
Sharon R. Petersen		Date:	
William S. Spielman		Date:	0.00079700
Clarence W. Weber, Jr.		Date:	0.00159400
Dorothy R. Weber		Date:	
<b>TOTAL</b>			<b>1.00000000</b>

## SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Clarence W. Weber, Jr., &  
Dorothy R. Weber  
8558 Imperial Circle  
Palmetto, FL 34221

2. Article Number

(Transfer from service label)

7007 3020 0003 3316 0218

## COMPLETE THIS SECTION ON DELIVERY

A. Signature

X *Clarence Weber*☐ Agent☐ Addressee

B. Received by (Printed Name)

*Clarence Weber*

C. Date of Delivery

*10/26*D. Is delivery address different from item 1? ☐ YesIf YES, enter delivery address below: ☐ No

3. Service Type

☒ Certified Mail☐ Express Mail☐ Registered☒ Return Receipt for Merchandise☐ Insured Mail☐ C.O.D.

4. Restricted Delivery? (Extra Fee)

☐ Yes

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-1540

U.S. Postal Service™

## CERTIFIED MAIL™ RECEIPT

(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at [www.usps.com](http://www.usps.com)

OFFICIAL USE

Postage

\$ 1.22

Certified Fee

2.80

Return Receipt Fee  
(Endorsement Required)

2.30

Restricted Delivery Fee  
(Endorsement Required)

6.32

Postmark  
Here*Schultz*  
*2230*

To

Clarence W. Weber, Jr., &  
Dorothy R. Weber  
8558 Imperial Circle  
Palmetto, FL 34221

See

Instructions

or

City

PS

Instructions

7007 3020 0003 3316 0218

Testimony

AVERY

## Land Testimony

**John Krattenmaker**

Wattenberg Field  
Docket No. 1002-UP-14  
Cause No. 407  
Pooling Application

Township 4 North, Range 67 West, 6<sup>th</sup> P.M., Section 30  
S½NW¼  
Codell and Niobrara Formations

February 8, 2010 Colorado Oil and Gas Conservation Commission Hearing

My name is John Krattenmaker and I am currently employed as the Landman of Petroleum Development Corporation ("PDC"). I have over four (4) years experience as a landman and have been with PDC and its predecessors, since September, 2008 working directly with the properties that are the subject of today's hearing. I have previously testified before the Colorado Oil and Gas Conservation Commission.

In support of our application today, I have prepared seven (7) exhibits. The exhibits are attached to my sworn testimony and form the basis for our application to obtain an order to pool all non-consenting interests in established 80-acre drilling and spacing unit located in T4N, R67W, 6<sup>th</sup> P.M., Section 30, Weld County, Colorado.

1. Exhibit No. 1, Map.

Exhibit No. 1 depicts the established 80-acre drilling and spacing unit in Section 30 of T4N, R67W, 6<sup>th</sup> P.M., Weld County, Colorado.

Exhibit No. 1 is a well location map showing the location of the Schultz 22-30 Well.

The well has been drilled and is producing.

The Schultz 22-30 Well has a surface and bottomhole location of **1820'** FNL and **2110'** FWL of Section 30.

2. Exhibit 2, Application.

Exhibit No. 2 is the Application for an order pooling on all non-consenting interests in the Schultz 22-30 well.

3. Exhibit No. 3, Notice of Hearing.

Exhibit No. 3 is the Notice of Hearing set for Monday February 22, 2010 and Tuesday February 23, 2010 at 9:00 a.m.



4. Exhibit No. 4, Letters to Working Interest Owners: Non-Consent

Exhibit No. 4 are letters sent by PDC to working interest owners and an Authority for Expenditure. These letters are dated October 21, 2009 and offers to the owner the right to either to participate in the drilling of the well on what I believe are very favorable terms. Wolverine Exploration Programs and Gary L. Peterson & Sharon R. Peterson did not consent to the well.

5. Exhibit No. 5, Letter to Working Interest Owner: Unclaimed Notice.

Exhibit No. 5 is a letter sent by PDC to a working interest owner and an Authority for Expenditure. This letter is dated October 21, 2009 and offers to the owner the right to either to participate in the drilling of the well on what I believe are very favorable terms. The letter to Kent T. Bowden was returned unclaimed.

6. Exhibit No. 6, Letter to Working Interest Owner: Un-Locatable.

Exhibit No. 6 is a letter sent by PDC to a working interest owner and an Authority for Expenditure. This letter is dated October 21, 2009 and offers to the owner the right to either to participate in the drilling of the well on what I believe are very favorable terms. Letter to Howard Kaplan was returned undeliverable.

7. Exhibit No. 7, Letters to Working Interest Owners: Participating.

Exhibit No. 7 are letters sent by PDC to working interest owners and an Authority for Expenditure. These letters are dated October 21, 2009 and offers to the owner the right to either to participate in the drilling of the well on what I believe are very favorable terms. William S. Spielman and Clarence W. Weber, Jr. & Dorothy R. Weber consent to the well.

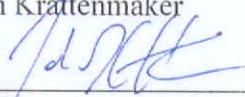
Based upon our examination of relevant contracts and records, and under my direction and control, all of the working interest owners and unleased mineral interest owners are listed on Exhibit 2 attached to our Application and have therefore received notice of this Application. Moreover, the consenting owners were also provided a copy of the Application and their names are also listed on such exhibit. We have not received any notice of objection or protest to this Application.

In accordance with the provisions of Rule 530 of the Rules and Regulations of the Colorado Oil & Gas Conservation Commission, at least 30 days as elapsed since the written notice has been provided to the interested parties. All the matters itemized in Rule 530a have been provided to the interest owners.

The matters described herein were all conducted under my direction and control. To the best of my knowledge and belief, all of the matters set forth herein, my testimony and in the exhibits are true, correct and accurate.

Dated this 8<sup>th</sup> day of February, 2010.

John Krattenmaker



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Landman

Petroleum Development Corporation