



Corporate Office  
1775 Sherman Street, #3000  
Denver, Colorado 80203  
303.860.5800  
www.petd.com

November 5, 2010

Hand Delivered by Seth Chappell

John Smartt Ranch, Inc. *JD*  
Attn: Lori Smartt *Chase sec*  
27311 County Road MM  
McClave, CO 81053

*Lori Chase*  
\_\_\_\_\_  
Acknowledged Receipt: Lori Smartt  
*Chase sec*  
*JD*

Notice of Drilling Operations  
Well Name: **Smartt Ranch 12-11**  
Section 11, T22S, R49W (See Map Attached for Location)  
Bent County, Colorado

Dear Ms. Smartt,

In accordance with the requirement of Rule 305.e.(1).B. of the Colorado Oil and Gas Conservation Commission (COGCC), this letter serves as a 30-day notice by Petroleum Development Corporation doing business as PDC Energy (PDC) of its intention to conduct drilling operations on the captioned well.

You will be contacted shortly to schedule a consultation to discuss the location of the well site, access roads, production facilities and other related matters; however the well location may be staked prior to a consultation. Pursuant to Rule 306, you may also use the enclosed postage prepaid postcard to request a consultation or designate a representative for surface consultation. You may waive the 30-day notice requirement; if so desired, please indicate on the enclosed letter and return to my attention in the prepaid envelope.

Also enclosed is a site diagram that depicts the area, per COGCC rules, within which the well(s) may be located, and the proposed location of the well(s), access road(s), and production facilities. Additionally, enclosed please find a copy of the COGCC's brochure describing surface owner rights and responsibilities and a copy of the COGCC's on-site inspection policy.

As surface owner you have the responsibility of notifying any affected tenant farmer, lessee or other party that may own or have an interest in any crops or surface improvements that could be affected by these proposed operations. Should you have any further questions please feel free to contact the undersigned at 303-860-5800.

Sincerely,  
PDC Energy

*Seth Chappell*  
Seth Chappell  
Area Supervisor



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John Smartt Ranch, Inc.

Lori Smartt Chase <sup>LLC</sup>  
27311 County Road MM  
McClave, CO 81053

*LD*

**Well Name: Smartt Ranch 12-11**

Section 11, T22S, R49W  
Bent County, Colorado

Surface Owner: Lori Chase

Phone #: 719-688-9841

Check Appropriate Box(s):

- I do not want a consultation.  
 I do want to be consulted concerning the proposed operations.  
 I want to appoint a Tenant to be consulted.

Tenant:

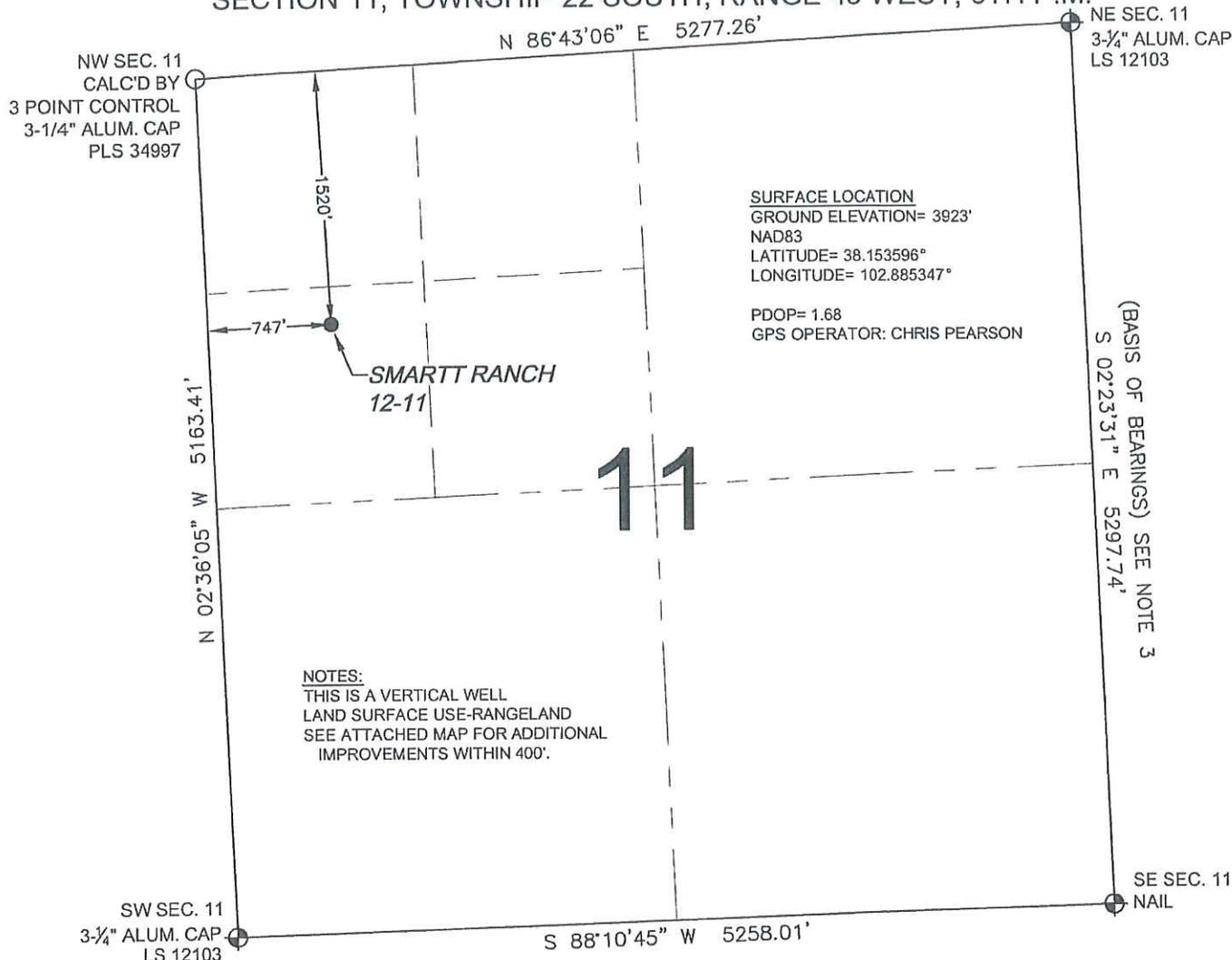
Name: \_\_\_\_\_

Phone #: \_\_\_\_\_

Address: \_\_\_\_\_

# WELL LOCATION CERTIFICATE: SMARTT RANCH 12-11

SECTION 11, TOWNSHIP 22 SOUTH, RANGE 49 WEST, 6TH P.M.



**NOTES:**  
THIS IS A VERTICAL WELL  
LAND SURFACE USE-RANGELAND  
SEE ATTACHED MAP FOR ADDITIONAL  
IMPROVEMENTS WITHIN 400'.

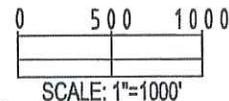
**SURFACE LOCATION**  
GROUND ELEVATION= 3923'  
NAD83  
LATITUDE= 38.153596°  
LONGITUDE= 102.885347°  
PDOP= 1.68  
GPS OPERATOR: CHRIS PEARSON

(BASIS OF BEARINGS) SEE NOTE 3  
S 02°23'31" E 5297.74'

WELL SMARTT RANCH 12-11 TO BE LOCATED 1520' FNL AND 747' FWL, SECTION 11, T22S, R49W OF THE 6th P.M.

## LEGEND

- ⊕ = EXISTING MONUMENT
- ⊙ = PROPOSED WELL
- ⬥ = BOTTOM HOLE
- ⬧ = EXISTING WELL
- BH = BOTTOM HOLE



## NOTES:

1. THIS SURVEY WAS DONE BY GPS METHODS AND CONFORMS TO THE MINIMUM STANDARDS SET BY THE C.O.G.C.C., RULE NO. 215
2. ELEVATIONS SHOWN AT THE WELL HEAD, AS WELL AS HORIZONTAL CONTROL, ARE BASED ON GPS-RTK VALUES DERIVED FROM DOING 2-HOUR STATIC GPS SESSIONS AND REDUCTIONS USING O.P.U.S. SOLUTIONS.  
VERTICAL = NAVD88; HORIZONTAL = NAD83/92
3. THE BEARINGS SHOWN HEREON ARE BASED ON GPS OBSERVATIONS BETWEEN THE MONUMENTS SHOWN HEREON AS FOUND ON THE FIELD DATE BELOW.
4. DISTANCES SHOWN ARE AT GROUND LEVEL, AS MEASURED IN THE FIELD, WITH TIES TO WELLS MEASURED AT A PERPENDICULAR TO SECTION LINES.

I, JERRY F. HARCEK JR., A LICENSED PROFESSIONAL LAND SURVEYOR IN THE STATE OF COLORADO DO HEREBY CERTIFY TO **PETROLEUM DEVELOPMENT CORPORATION**, THAT THE SURVEY AND WELL LOCATION CERTIFICATE SHOWN HEREON WERE DONE BY ME OR UNDER MY DIRECT SUPERVISION AND THAT THE DRAWING SHOWN HEREON ACCURATELY DEPICTS THE PROPOSED LOCATION OF THE WELL **SMARTT RANCH 12-11**. THIS CERTIFICATE DOES NOT REPRESENT A LAND SURVEY PLAT OR IMPROVEMENT SURVEY PLAT AS DEFINED BY C.R.S. 38-51-102 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.

JERRY F. HARCEK JR., PLS 34997  
COLORADO LICENSED PROFESSIONAL LAND SURVEYOR  
FOR AND ON BEHALF OF P.F.S., LLC



PREPARED BY:



FIELD DATE:  
09-08-10  
DRAWING DATE:  
09-23-10  
BY:  
SMF

WELL NAME:  
SMARTT RANCH 12-11  
SURFACE LOCATION:  
BENT COUNTY, COLORADO  
SW 1/4 NW 1/4, SEC. 11, T22S, R49W

NOTICE: ACCORDING TO COLORADO LAW YOU MUST COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVER SUCH DEFECT. IN NO EVENT MAY ANY ACTION BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS FROM THIS SAID DATE OF THIS CERTIFICATION SHOWN HEREON.