

LATITUDE 37°47'30"

BEARING CHART

| Well Number | | Bearing | Distance |
|-------------|-----------|-------------|----------|
| From | To | | |
| 1992CBM | LCHC-002B | S21°42'54"E | 883.91' |
| LCHC-002B | LCHC-002A | S64°42'07"E | 275.00' |
| LCHC-002A | LCHC-002C | S14°42'33"E | 80.00' |
| LCHC-002C | LCHC-002D | S14°42'33"E | 195.00' |
| LCHC-002D | 1436 | S37°56'16"W | 326.47' |

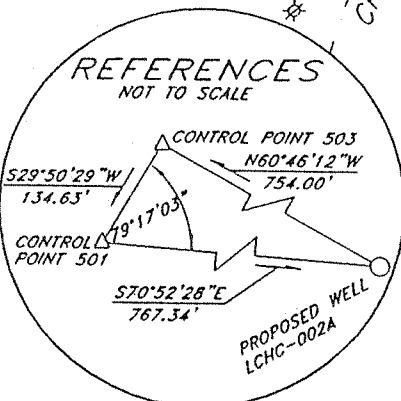
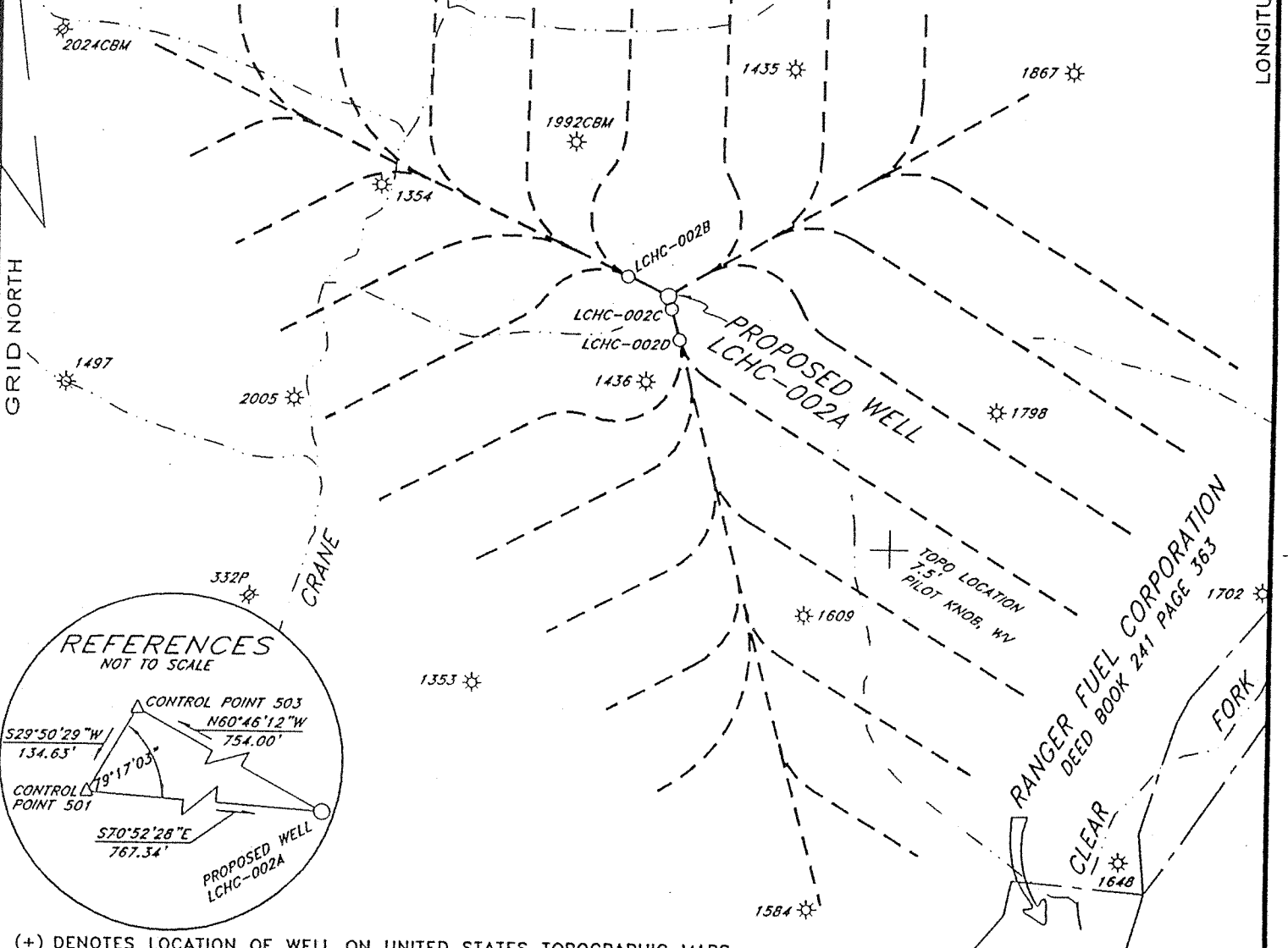
POCAHONTAS LAND CORPORATION
ORDER BOOK 38 PAGE 385

PROPOSED WELL COORDINATES

N: 277725.02
E: 1850766.37
WV SOUTH ZONE
NAD 27

GRID NORTH

LONGITUDE 81°30'00"

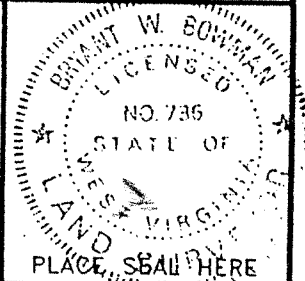


(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. _____
 DRAWING NO. _____
 SCALE 1"=1000'
 MINIMUM DEGREE OF ACCURACY 1:50000
 PROVEN SOURCE OF ELEVATION GPS DISK NO. 4
 ELEVATION 2420.92

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

(SIGNED) BRAYAN W. BOWMAN
 R.P.E. _____ L.L.S. 736



STATE OF WEST VIRGINIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
 OIL AND GAS DIVISION



DATE NOVEMBER 11, 2002
 OPERATOR'S WELL NO. LCHC-002A
 API WELL NO. _____

WELL TYPE: OIL ___ GAS ___ LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW ___
 LOCATION: ELEVATION 2453.21 WATERSHED CRANE FORK OF CLEAR FORK
 DISTRICT OCEANA COUNTY WYOMING
 QUADRANGLE PILOT KNOB, WV

SURFACE OWNER POCAHONTAS LAND CORPORATION ACREAGE 29500±
 OIL & GAS ROYALTY OWNER PENN VIRGINIA OIL & GAS CORPORATION LEASE ACREAGE 29500±

PROPOSED WORK: DRILL CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION _____ ESTIMATED DEPTH _____
 WELL OPERATOR PENN VIRGINIA OIL & GAS CORPORATION DESIGNATED AGENT MR. HARRY JEWEL
 ADDRESS 2550 EAST STONE DRIVE SUITE 110 ADDRESS PO BOX 460 RAVENCLIFF, WV 25913
 ADDRESS KINGSFORT, TN 37660

McGraw 248

WV D 2215 C

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State of West Virginia
Division of Environmental Production
Section of Oil and Gas

Well Operator's Report of Well Work

Farm Name Pocahontas Land Corporation

Operator Well No.: LCHC-002A

LOCATION: Elevation: 2453.21

Quadrangle: Pilot Knob 7 1/2'

District: Oceana County: Wyoming
Latitude: _____ Feet South of _____ Deg. _____ Min. _____ Sec.
Longitude: _____ Feet West of _____ Deg. _____ Min. _____ Sec.

Company:

Penn Virginia Oil & Gas Corporation

| | Casing and Tubing | Used in drilling | Left in well | Cement fill up Cu. Ft. |
|--|-------------------|------------------|--------------|------------------------|
| Address: 2550 East Stone Drive, Suite 110 Kingsport, TN 37660 | 12.75" | 34 | 34 | 0 |
| Agent: Harry Jewell | 7" | 1772 | 1772 | 430 |
| Inspector: Ronald Scott | 2.875 | | 1829 | |
| Date Permit Issued: 01/06/2003 | | | | |
| Date Well Work Commenced: 01/07/2003 | | | | |
| Date Well Work Completed: 05/08/2003 | | | | |
| Verbal Plugging: | | | | |
| Date Permission granted on: | | | | |
| Rotary X Cable Rig | | | | |
| Total Depth (feet): 1,872 | | | | |
| Fresh Water Depth (ft): 1" @ 150' | | | | |
| Salt Water Depth (ft): | | | | |
| Is coal being mined in area (N/Y)? N | | | | |
| Coal Depths (ft): 233-235, 475-479, 510-512, 830-833, 1150-1154, 1245-1248, 1816-1822 | | | | |

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Office of Oil & Gas

JAN 30 2004

WV Department of
Environmental Protection

OPEN FLOW DATA

Producing formation Beckley Coal (1816-1822, plus laterals) Pay zone depth (ft) _____
 Gas: Initial open flow 1800 MCF/d Oil: Initial open flow 0 Bbl/d
 Final open flow 1200 MCF/d Final open flow 0 Bbl/d
 Time of open flow between initial and final tests: 8 Hours
 Static rock pressure 240 psig (surface pressure) after 48 Hours

Second producing formation _____ Pay zone depth (ft) _____
 Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
 Final open flow _____ MCF/d Final open flow _____ Bbl/d
 Time of open flow between initial and final tests: _____ Hours
 Static rock pressure _____ psig (surface pressure) after _____ Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANE, TEC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

Signed: Michael D. Langer
By: _____
Date: 1/28/2004

FEB 13 2004

WVOM 2215C

DETAILS OF PERFORATIONS, FRACTURING, OR PHYSICAL CHANGE, ETC.

Drilled approximately 19000 feet of horizontal laterals in Beckley Coal. Well is an open hole completion. No perforations or stimulation.

| <u>FORMATIONS</u> | <u>TOP</u> | <u>BOTTOM</u> | <u>REMARKS</u> |
|-------------------|------------|---------------|----------------|
| Sandstone & Shale | 0 | 2,332 | |
| Coal | 2,332 | 234.5 | |
| Sandstone & Shale | 234.5 | 470.5 | |
| Coal | 470.5 | 473.5 | |
| Sandstone & Shale | 473.5 | 497.5 | |
| Coal | 497.5 | 499.5 | |
| Sandstone & Shale | 499.5 | 1141.5 | |
| Coal | 1141.5 | 1143.5 | |
| Sandstone & Shale | 1143.5 | 1241 | |
| Coal | 1241 | 1243 | |
| Sandstone & Shale | 1243 | 1595.5 | |
| Coal | 1595.5 | 1597.5 | |
| Sandstone & Shale | 1597.5 | 1811 | |
| Coal | 1811 | 1815.3 | |
| Sandstone & Shale | 1815.3 | 1859.2 | |