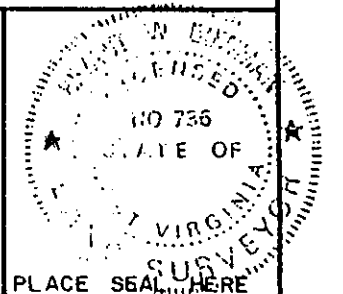


REFERENCES NO SCALE
 FILE NO. _____
 DRAWING NO. _____
 SCALE 1"=1000'
 MINIMUM DEGREE OF ACCURACY 1:7500
 PROVEN SOURCE OF ELEVATION COPPER PLUG IN ROCK
 ELEVATION 2783.54

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 MINES.
 (SIGNED) *[Signature]*
 R.P.E. _____ L.L.S. 736



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6
 (8-78)

WELL TYPE: OIL _____ GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS", PRODUCTION STORAGE _____ DEEP _____ SHALLOW _____)

LOCATION: ELEVATION 2460 WATER SHED TONEY FORK OF CLEAR FORK
 DISTRICT OCEANA COUNTY WYOMING
 QUADRANGLE PILOT KNOB WV 7.5'

SURFACE OWNER POCAHONTAS LAND CORPORATION ACREAGE 29500±
 OIL & GAS ROYALTY OWNER POCAHONTAS LAND CORPORATION LEASE ACREAGE 29500±
 LEASE NO. _____

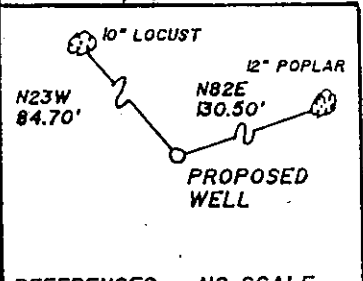
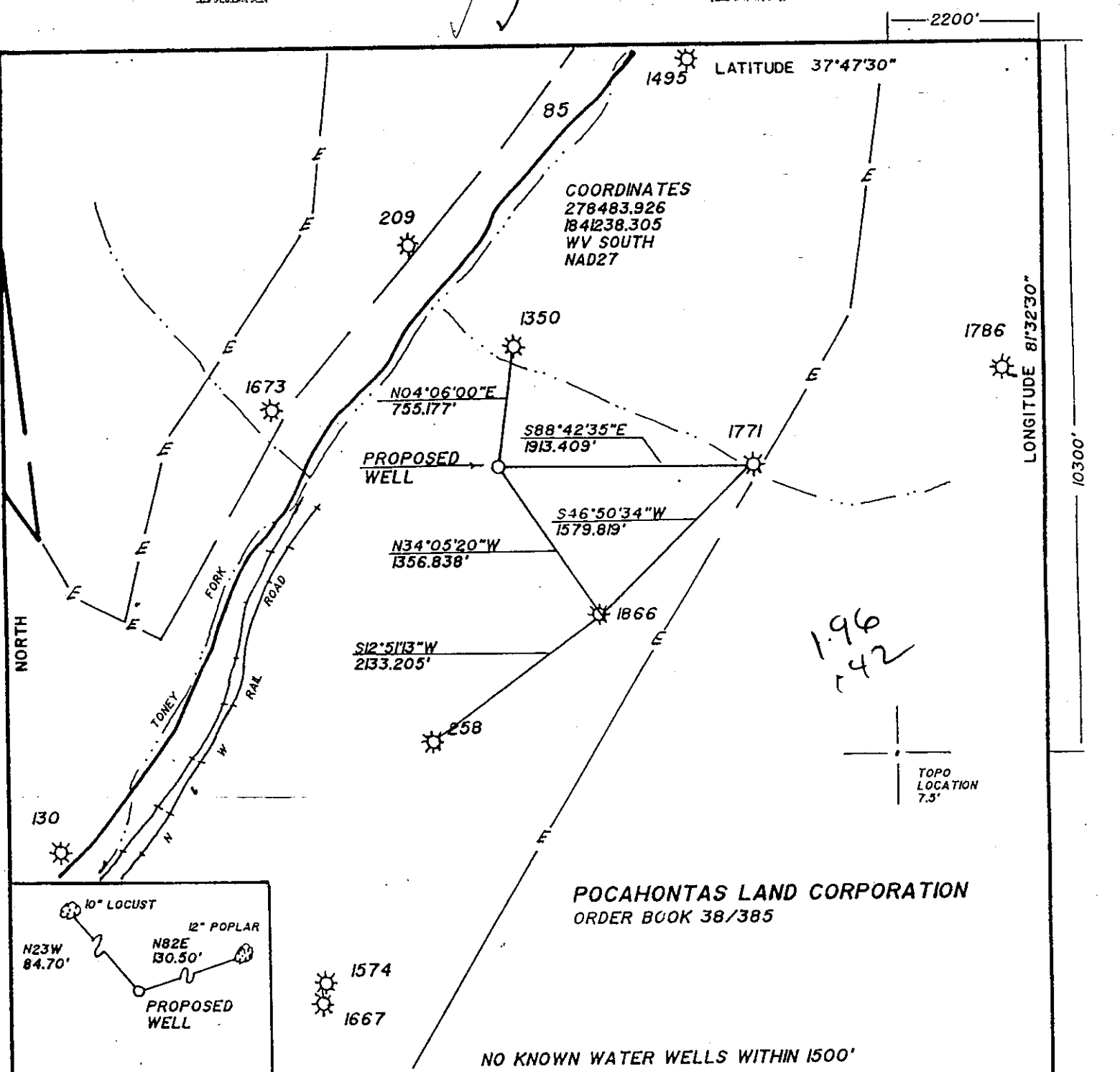
PROPOSED WORK: DRILL CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE _____ PLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
 TARGET FORMATION Beckley, FireCreek, etc. ± ESTIMATED DEPTH 2300 AUG 04 2000
 WELL OPERATOR PENN VIRGINIA OIL & GAS CORP. DESIGNATED AGENT MR. HARRY JEWEL
 ADDRESS P. O. BOX 387 DUFFIELD, VA 24244-0387 ADDRESS P. O. BOX 460 RAVENCLIFF, WV 25913

DATE APRIL 29, 2000
 OPERATOR'S WELL NO. LC-65C
 API WELL NO. 47-109-01919-P
 STATE COUNTY PERMIT

Division of Environmental Protection,
 Office of Oil & Gas

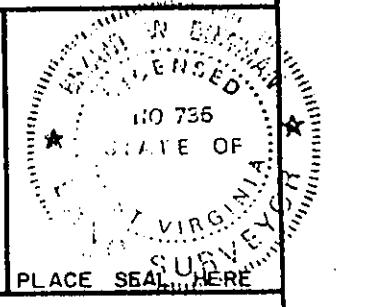
WYO 1919-P



FILE NO. _____
 DRAWING NO. _____
 SCALE 1"=1000'
 MINIMUM DEGREE OF ACCURACY 1/7500
 PROVEN SOURCE OF ELEVATION COPPER PLUG IN ROCK ELEVATION 2783.54

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 MINES.

(SIGNED) *[Signature]*
 R.P.E. _____ L.L.S. 736



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6
 (8-78)



DATE APRIL 29, 2000
 OPERATOR'S WELL NO. LC-65C
 API WELL NO. 47-109-01919C
 STATE COUNTY PERMIT

Division of Environmental Protection
 Office of Oil & Gas

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS", PRODUCTION STORAGE ___ DEEP ___ SHALLOW ___)

LOCATION: ELEVATION 2460 WATER SHED TONEY FORK OF CLEAR FORK
 DISTRICT OCEANA COUNTY WYOMING
 QUADRANGLE PILOT KNOB WV 7.5'

SURFACE OWNER POCAHONTAS LAND CORPORATION ACREAGE 29500±
 OIL & GAS ROYALTY OWNER POCAHONTAS LAND CORPORATION LEASE ACREAGE 29500±
 LEASE NO. _____

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 Beckley, FireCreek, Hedges +4 ESTIMATED DEPTH 2300

WELL OPERATOR PENN VIRGINIA OIL & GAS CORP. DESIGNATED AGENT MR. HARRY JEWEL
 ADDRESS P. O. BOX 387 DUFFIELD, VA 24244-0387 ADDRESS P. O. BOX 460 RAVENCLIFF, WV 25913

JUN 16 2000

WYO 1919 C

CHARLESTON BLUEPRINT 092941

WR-35

DATE: 07/18/00
API #: 47-109-01919C

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

Reviewed _____

Well Operator's Report of Well Work

Farm name: Pocahontas Land Corporation Operator Well No.: LC-65C

LOCATION: Elevation: 2460 Quadrangle: Pilot Knob WV 7.5

District: Occana County: Wyoming
Latitude: 10,300 Feet South of 37 Deg. 47 Min. 30 Sec.
Longitude 2200 Feet West of 81 Deg. 32 Min. 30 Sec.

Company:

Penn Virginia Oil & Gas Corporation

| | Casing & Tubing | Used in drilling | Left in well | Cement fill up Cu. Ft. |
|--|-----------------|------------------|--------------|------------------------|
| Address: P.O. Box 387 | 13 3/8" | 20' | 20' | 0 |
| Duffield, VA 24244 | 9 5/8" | 91' | 91' | 0 |
| Agent: Harry Jewell | 7" | 1027' | 1027' | 270 |
| Inspector: Ofie Helmick | | | | |
| Date Permit Issued: 06/13/00 | | | | |
| Date Well Work Commenced: 06/14/00 | | | | |
| Date Well Work Completed: <u>6/14/00</u> | | | | |
| Verbal Plugging: <u>Yes</u> | | | | |
| Date Permission granted on: 07/15/00 | | | | |
| Rotary X Cable Rig | | | | |
| Total Depth (feet): 2310' | | | | |
| Fresh Water Depth (ft.): None Reported | | | | |
| Salt Water Depth (ft.): N/A | | | | |
| Is coal being mined in area (N/Y)? | | | | |
| Coal Depths (ft.): 105-108' | | | | |

APPROVED
JUL 24 2000
Environmental Protection

OPEN FLOW DATA

Producing formation Dry 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

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 CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

Signed:

By: William M. Ryan
Date: 7/18/00

WYO 1919C

AUG 11 2000

FORM WR-35R
(REVERSE)

PERMIT #: 47-109-01919C
WELL #: LC-65C

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

Dry hole. Well was plugged and abandoned with drilling rig on location. Verbal permission/approval was obtained from Ofie Helmick (by Jim Burns) on 07/15/00.

Procedures:

Cement plug from TD to 1700'.

6% gel from 1700' to 1100'.

Cement plug from 1100' to 950'.

6% gel from 950' to 100'.

Cement plug from 100' to surface.

All cement was Class A. Wt: 15.6 ppg. Yd: 1.18 cf/sx.

P&A completed at 7:39 AM, 07/16/00.

Marker will be installed when location is reclaimed.

| <u>FORMATIONS</u> | <u>TOP</u> | <u>BOTTOM</u> | <u>REMARKS</u> |
|-----------------------|------------|---------------|--|
| Sand, Shale, & Coal | 0 | 1650' | Coals @ 610-14, 660-63, 780-83, 880-82, 925-29 |
| Coal | 1650 | 1652 | |
| Sand & Shale | 1652 | 1730 | |
| Sand | 1730 | 1830 | |
| Sand & Shale | 1830 | 1920 | |
| Fire Creek Coal | 1920 | 1921 | |
| Sand | 1921 | 1943 | |
| Lower Fire Creek Coal | 1943 | 1944 | |
| Sand & Shale | 1944 | 1980 | |
| Poca 6 Coal | 1980 | 1981 | |
| Sand & Shale | 1981 | 2114 | |
| Coal | 2114 | 2115 | |
| Sand & Shale | 2115 | 2310 | No shows reported |