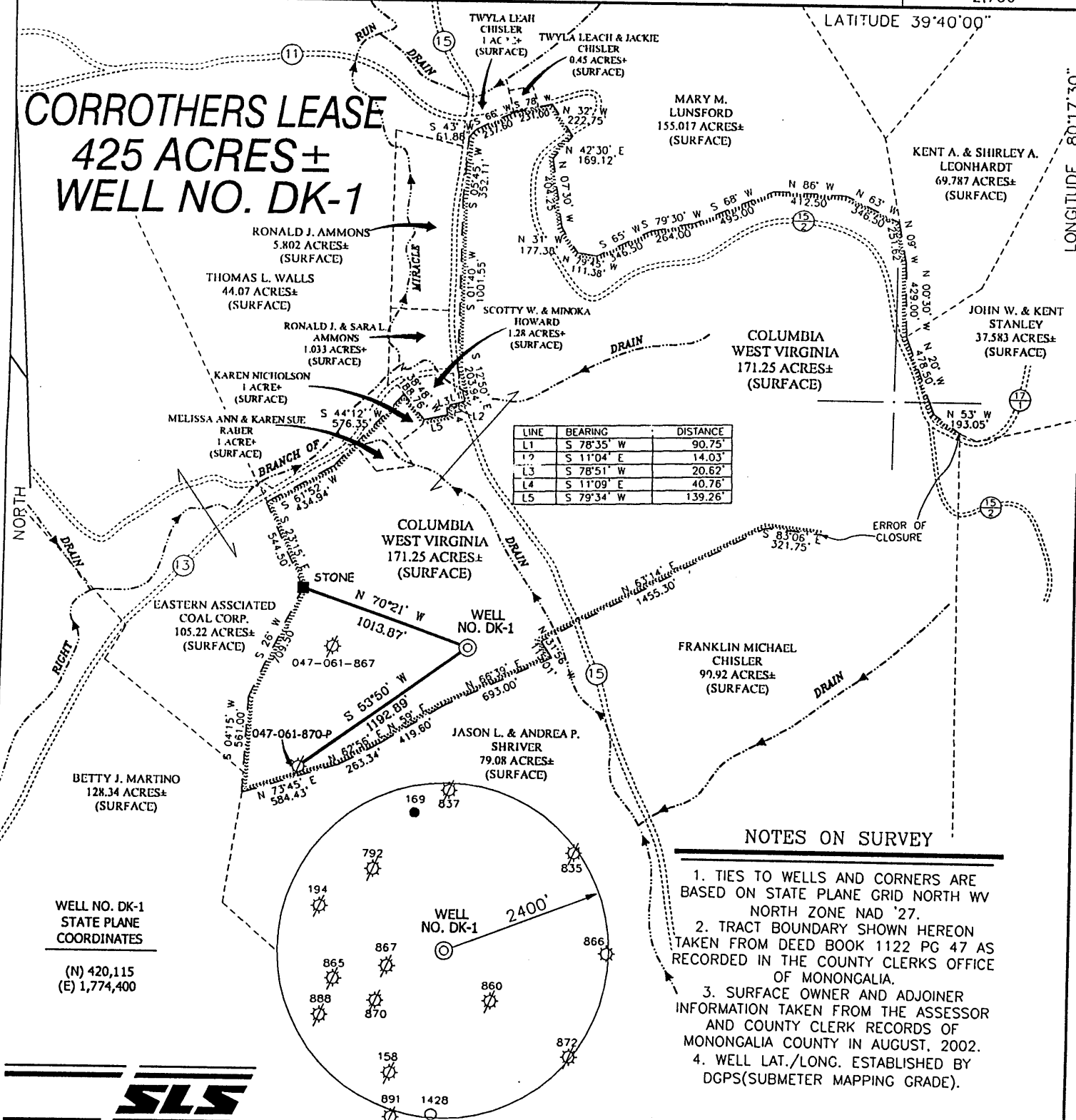


# CORROTHERS LEASE 425 ACRES± WELL NO. DK-1



LINE	BEARING	DISTANCE
L1	S 78°35' W	90.75'
L2	S 11°04' E	14.03'
L3	S 78°51' W	20.62'
L4	S 11°09' E	40.76'
L5	S 79°34' W	139.26'

### NOTES ON SURVEY

1. TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE GRID NORTH WV NORTH ZONE NAD '27.
2. TRACT BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 1122 PG 47 AS RECORDED IN THE COUNTY CLERKS OFFICE OF MONONGALIA.
3. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF MONONGALIA COUNTY IN AUGUST, 2002.
4. WELL LAT./LONG. ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).

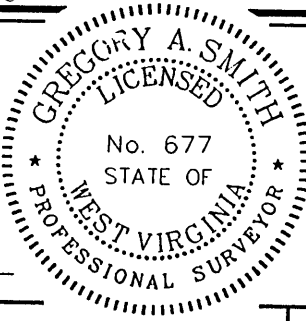
WELL NO. DK-1  
STATE PLANE  
COORDINATES

(N) 420,115  
(E) 1,774,400



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 DIVISION OF ENVIRONMENTAL PROTECTION.

P.S. 677 *Gregory A. Smith*



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

DATE AUGUST 20 02  
OPERATORS WELL NO. CORROTHERS NO. DK-1  
API WELL NO. 47-061-01441C  
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 5084P1(128-45)  
PROVEN SOURCE OF ELEVATION JUNCTION OF ROADS ELEV. 1104' SCALE 1" = 800'

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



WELL TYPE : OIL  GAS  LIQUID WASTE IF INJECTION  DISPOSAL  "GAS" PRODUCTION  STORAGE  DEEP  SHALLOW

LOCATION : ELEVATION 1242' WATERSHED RIGHT BRANCH OF MIRACLE RUN  
DISTRICT BATTLELE COUNTY MONONGALIA QUADRANGLE WADESTOWN 7.5'

SURFACE OWNER COLUMBIA WEST VIRGINIA CORP. ACREAGE 171.25±  
ROYALTY OWNER JOHN CORROTHERS LEASE ACREAGE 425±

PROPOSED WORK : LEASE NO. \_\_\_\_\_  
DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  PLUG AND ABANDON  CLEAN OUT AND REPLUG  OTHER \_\_\_\_\_  
PHYSICAL CHANGE IN WELL (SPECIFY) VENT HOLE TO CBM TARGET FORMATION REDSTONE  
ESTIMATED DEPTH 850'

WELL OPERATOR NORTHWEST FUEL DEVELOPMENT, INC. DESIGNATED AGENT THOMAS R. MICHAEL ESQUIRE  
ADDRESS 4064 ORCHARD DR. LAKE OSWEGO, OR 97035 ADDRESS 228 COURT ST. CLARKSBURG, WV 26301

*Campbells Rn - Miracle Co* MAR 14 2003 (58)

COUNTY NAME MDNO PERMIT 1441C

RECEIVED  
Office of Oil & Gas  
JUL 31 2006  
WV Department of  
Environmental Protection

State of West Virginia  
Department of Environmental Protection  
Office of Oil and Gas

Well Operator's Report of Well Work

Farm name: Columbia West VIRGINIA CORP. Operator Well No.: (CORROTHERS) No. DK-1

LOCATION: Elevation: 1242' Quadrangle: WADDESTOWN 7.5'

District: Battlele County: MONONGALIA  
Latitude: 97 Feet South of 39 Deg. 39 Min. 4 Sec. STATE PLANE COORD.:  
Longitude 58 Feet West of 80 Deg. 18 Min. 44 Sec. (N) 420,115  
(E) 1,774,400

Company: NORTHWEST FUEL DEV. INC.

	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: <u>4064 Orchard Dr</u>				
<u>Lake Oswego, OR 97035</u>				
Agent:				
Inspector:				
Date Permit Issued: <u>9/26/02</u>				
Date Well Work Commenced: <u>NA</u>				
Date Well Work Completed: <u>NA</u>				
Verbal Plugging: <u>NA</u>				
Date Permission granted on:				
Rotary Cable Rig				
Total Depth (feet): <u>900</u>				
Fresh Water Depth (ft.):				
Salt Water Depth (ft.):				
Is coal being mined in area (N/Y)? <u>Y</u>				
Coal Depths (ft.): <u>950</u>				

OPEN FLOW DATA

Producing formation SHALE ABOVE PIT. COAL 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

AUG 04 2006

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: PERT M. SAIT  
Date: 7/20/06

MONO 1441

THIS WAS A CONVERSION OF AN EXISTING COAL  
MINE GOB WELL. THE GOB WELL HAD CASING IN  
PLACE TO A DEPTH OF 900 FT., WHICH WAS 50 FT.  
ABOVE THE PITTSBURGH SEAM. THE BOTTOM 200 FEET OF  
CASING IS SLOTTED.

ASG 04 2006