

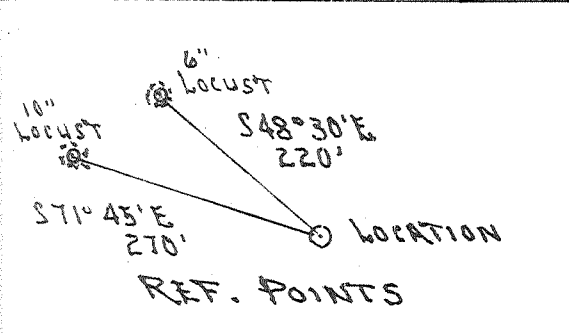
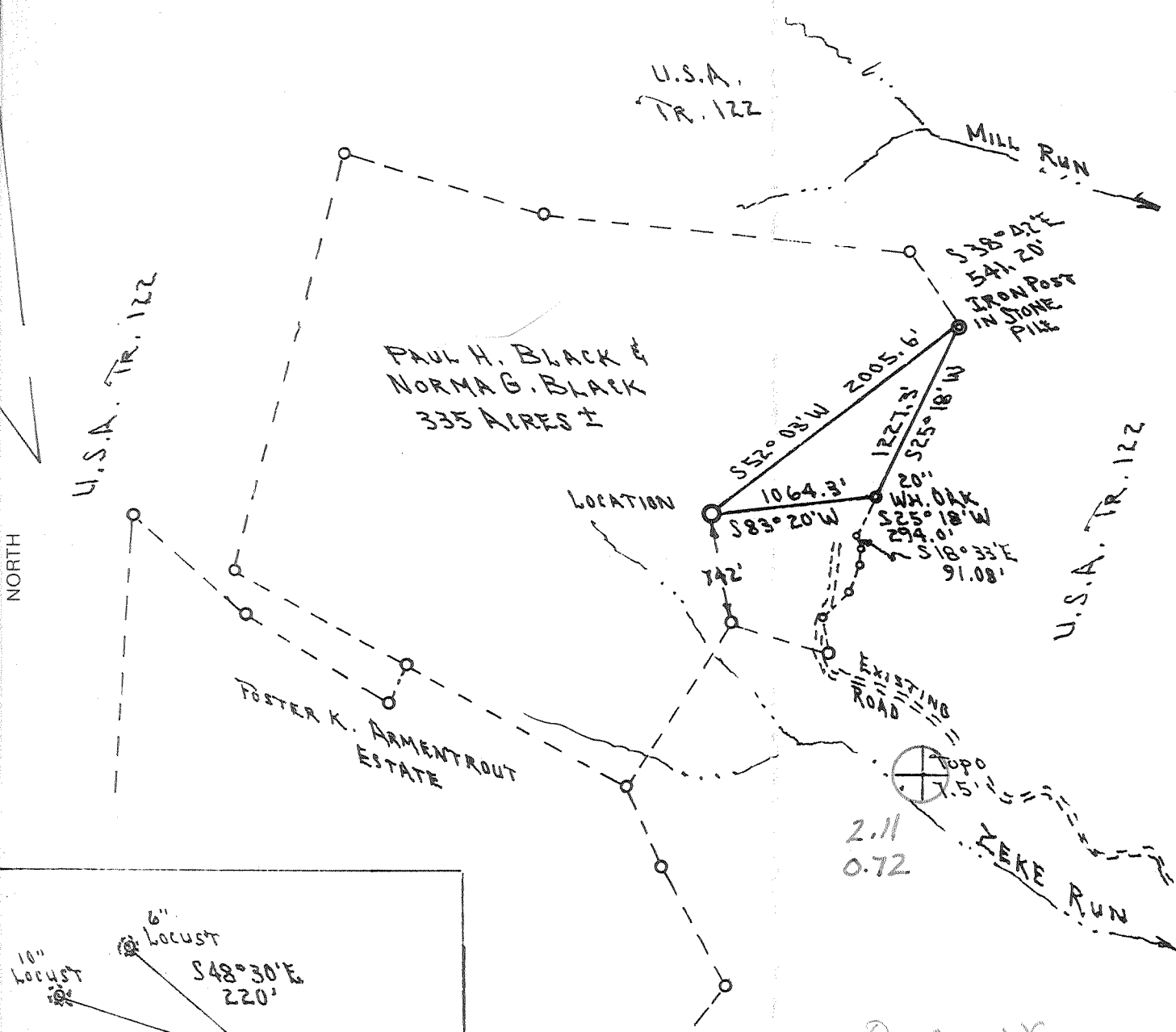
Jamie 11/7/89

LATITUDE 38° 57' 30"

3600'

LONGITUDE 79° 02' 06"

091' 11"



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

FILE NO. 5-11
 DRAWING NO. 89-8
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION Knob 2550' EAST OF Loc. = 3005

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 ENERGY.
 (SIGNED) Thomas F. Weaver, Jr.
 R.P.E. _____ L.L.S. 410

PLACE SEAL HERE

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 OIL AND GAS DIVISION



DATE Nov. 7, 19 89
 OPERATOR'S WELL NO. W16 02578
 API WELL NO. CNR# (22232-02) 12/20/90
47-071-0015 P+A
 STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION STORAGE ___ DEEP SHALLOW ___
 LOCATION: ELEVATION 2120 WATER SHED ZEKE RUN OF NORTH FORK OF S. BR. POTOMAC
 DISTRICT UNION 6 COUNTY PENDLETON
 QUADRANGLE HOPEVILLE 7.5'

SURFACE OWNER PAUL H. BLACK & NORMA G. BLACK ACREAGE 335
 OIL & GAS ROYALTY OWNER PAUL H. BLACK & " " " " LEASE ACREAGE 335
 LEASE NO. 495299L-2085

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 DRISKANY ESTIMATED DEPTH 9100'
 WELL OPERATOR EQUITABLE RESOURCES Ex. DESIGNATED AGENT DOUGLAS P. TERRY
 ADDRESS P.O. DRAWER 40 BUCKHANNON, WV. 26201 ADDRESS P.O. DRAWER 40 BUCKHANNON, WV. 26201

PENDLETON COUNTY NAME PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS
 WELL WORK PERMIT APPLICATION

1800

16155, Co, 402
 (CNR 22131-PI)

- 1) Well Operator: Equitable Resources Exploration, a division of Equitable Resources Energy Company
- 2) Operator's Well Number: WVG02578 *Black Unit #1* 3) Elevation: 2720
- 4) Well type: (a) Oil or Gas /
 (b) If Gas: Production / Underground Storage /
 Deep / Shallow /
- 5) Proposed Target Formation(s): Oriskany 475
- 6) Proposed Total Depth: 9100 feet
- 7) Approximate fresh water strata depths: _____
- 8) Approximate salt water depths: _____
- 9) Approximate coal seam depths: _____
- 10) Does land contain coal seams tributary to active mine? Yes / No /
- 11) Proposed Well Work: *Drill & Stimulate New Well*
- 12)

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	
Conductor	13 3/8	LS	48	As needed	As needed	
Fresh Water						
Coal						
Intermediate	9 5/8	K-55	36	2750	2750	To Surface
Production	5 1/2	K-55	17 & 20	9100	9100	As Required
Tubing						
Liners						

*30CSR18-11.3
 30CSR18-11.2.2
 30CSR18-11.1*

RECEIVED
 NOV 17 1989

PACKERS : Kind _____
 Sizes _____
 Depths set _____

For Division of Oil and Gas Use Only DEPARTMENT OF ENERGY

Fee(s) paid: Well Work Permit Reclamation Fund WPCP
 Plat WW-9 WW-2B Bond *Blanket sure* Agent
 (Type)

*910
 29*

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NOV 17 1989

TO BE HELD CONFIDENTIAL

Page 1 of 12
Form WW2-A
(09/87)
File Copy

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

Date: November 15, 1989
Operator's well number
WVG02578 BLACK Unit #1
API Well No: 47 - 071 - 0015
State - County - Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS
NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- | | |
|--|--|
| <p>4) Surface Owner(s) to be served:</p> <p>(a) Name <u>Paul H. and Norma Black</u>
Address <u>Rt. 1, Box 38</u>
<u>Seneca Rocks, WV 26884</u></p> <p>(b) Name _____
Address _____</p> <p>(c) Name _____
Address _____</p> | <p>5) (a) Coal Operator:</p> <p>Name _____
Address _____</p> <p>(b) Coal Owner(s) with Declaration</p> <p>Name <u>Paul H. and Norma Black</u>
Address <u>Rt. 1, Box 38</u>
<u>Seneca Rocks, WV 26884</u></p> <p>Name _____
Address _____</p> <p>(c) Coal Lessee with Declaration</p> <p>Name _____
Address _____</p> |
| <p>6) Inspector <u>Phillip Tracy</u>
Address <u>P. O. Box 2536</u>
<u>Elkins, WV 26241</u>
Telephone (304)-<u>636-8798</u></p> | |

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

____ Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR
X Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through 12 on the above named parties, by:

____ Personal Service (Affidavit attached)
X Certified Mail (Postmarked postal receipt attached)
____ Publication (Notice of Publication attached)

I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application. I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator Equitable Resources Exploration, a division of Equitable Resources Energy Company
By: Douglas P. Terry
Its: Operations Manager - North
Address P. O. Drawer 40
Buckhannon, WV 26201
Telephone (304) 472-4610

Subscribed and sworn before me this 16th day of November, 1989

Mary Jean Rylands Notary Public
My commission expires February 19, 1992
Commissioned as Mary Jean Harper

071 15

Phone conversation w/ Rich Drabush 4/4/94 KLA

Spudded 11/16/1990

Completed 12/17/1990

P+A 12/17/1990

DTD 8905

LTD 8911

Elev GL - 2720; DF 2734 KB 2735 ft

Csg - 31" 13³/₈ - 54 lb - not cemented
2816 - 9⁵/₈ - 36 lb - cemented to surface

log tops - Grbr - Surf.

Pocono - 241

Ferretrobs - 2342

Scherr 4156

Brallier 6396

Harnell 7678

Jully 7840

Upper Marcellus 8134

Purcell - 8216

Lower Marcellus 8294

Lioga 8337

Onondaga 8360

Needmore 8379

Bristkang 8490

Helderberg 8721 → TD.