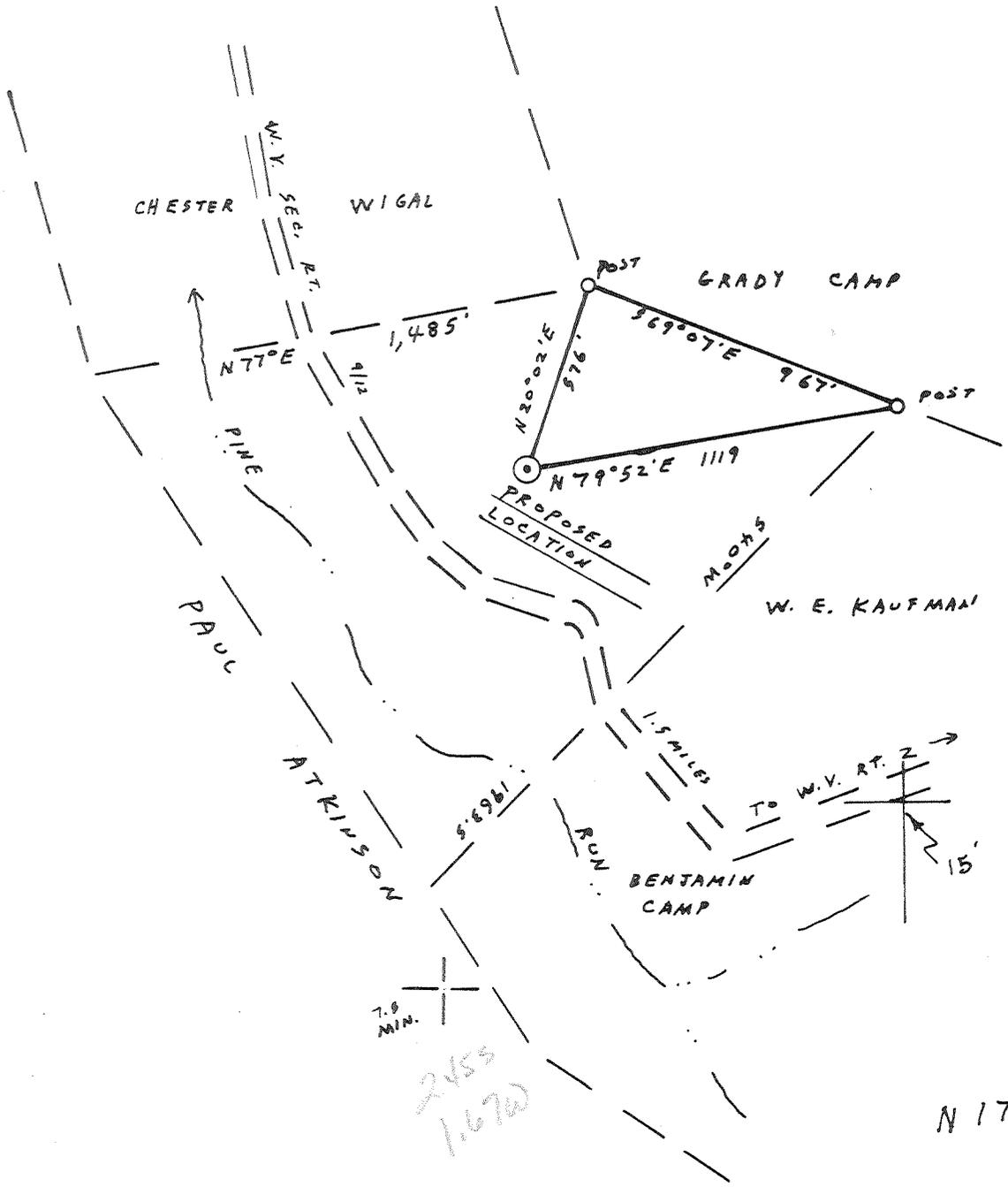


NORTH



NO WELLS WITHIN 2,400 FT.

FILE NO. _____
 DRAWING NO. 5-20
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION ROAD INTER. ELEV. = 623,470 ± N.W. OF LOCATION

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) Vincent W. Wood
 R.P.E. _____ L.L.S. 664

PLACE SEAL HERE

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE OCTOBER 21, 1982
 OPERATOR'S WELL NO. KEM 274
 API WELL NO. 47-107-1234-PP
 STATE COUNTY PERMIT Frank

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP X SHALLOW ___
 LOCATION: ELEVATION 810 WATER SHED PINE RUN
 DISTRICT HARRIS COUNTY WOOD
 QUADRANGLE LUBECK 7.5 MIN.
 SURFACE OWNER GRADY D. CAMP, ET AL. ACREAGE 50
 OIL & GAS ROYALTY OWNER GRADY D. CAMP, ET AL. LEASE ACREAGE 50
 LEASE NO. 86-05-209
 PROPOSED WORK: DRILL X 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 ORISKANY ESTIMATED DEPTH 4453'
 WELL OPERATOR KAISER EXPLOR. & MIN. CO. DESIGNATED AGENT KAISER EXPLORATION AND MINING CO.
 ADDRESS P.O. BOX 8 RAYENSWOOD, W. V. 26164 ADDRESS P.O. BOX 8 RAYENSWOOD, W. V. 26164

NOV 19 1984

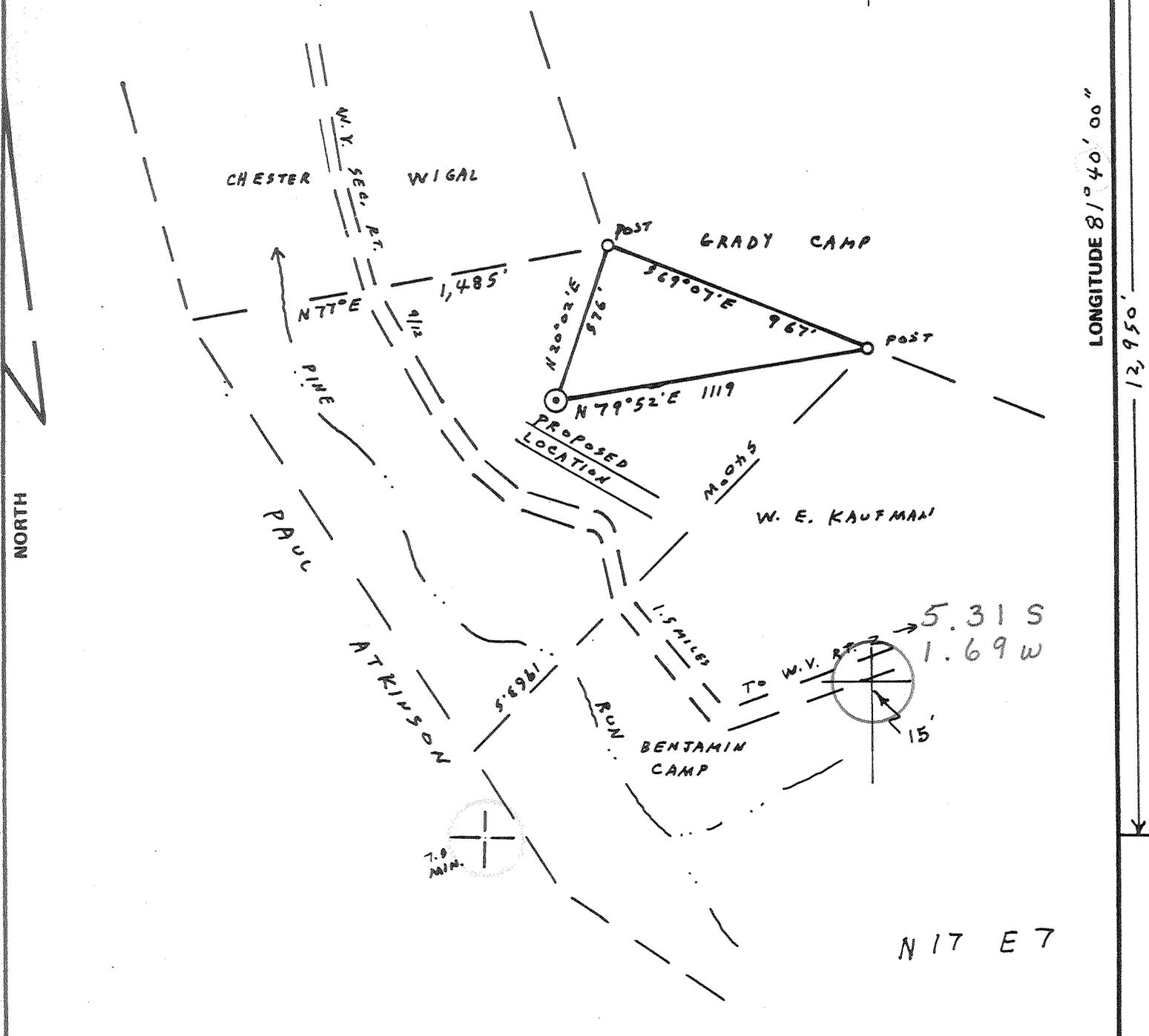
WOOD - 1234

11/5/82

8.850'

LATITUDE 39° 12' 30"
39° 15'

Plot Card CSD



LONGITUDE 81° 40' 00"
12,950'

5.31 S
1.69 W

N 17 E 7

NO WELLS WITHIN 2,400 FT.

FILE NO. _____
 DRAWING NO. 5-20
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION ROAD INTER. ELEV. = 623, 4700' ± N.W. OF LOCATION

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) Vincent W. Wood
 R.P.E. _____ L.L.S. 664

PLACE SEAL HERE

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE OCTOBER 21, 1982
 OPERATOR'S WELL NO. KEM 274
 API WELL NO. _____
47 - 107 - 1234
 STATE COUNTY PERMIT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP X SHALLOW ___
 LOCATION: ELEVATION 810 WATER SHED PINE RUN
 DISTRICT HARRIS COUNTY WOOD
 QUADRANGLE LUBECK 7.5 MIN. Belleville 15' NW
 SURFACE OWNER GRADY D. CAMP, ET AL. ACREAGE 50
 OIL & GAS ROYALTY OWNER GRADY D. CAMP, ET AL. LEASE ACREAGE 50
 LEASE NO. 86-05-209
 PROPOSED WORK: DRILL X 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 ORISKANY ESTIMATED DEPTH 4453'
 WELL OPERATOR KAISER EXPLOR. & MIN. CO. DESIGNATED AGENT KAISER EXPLORATION AND MINING CO.
 ADDRESS P.O. BOX 8 RAVENSWOOD, W. V. 26164 ADDRESS P.O. BOX 8 RAVENSWOOD, W. V. 26164

NOV 15 1982
 NOV 1 1982

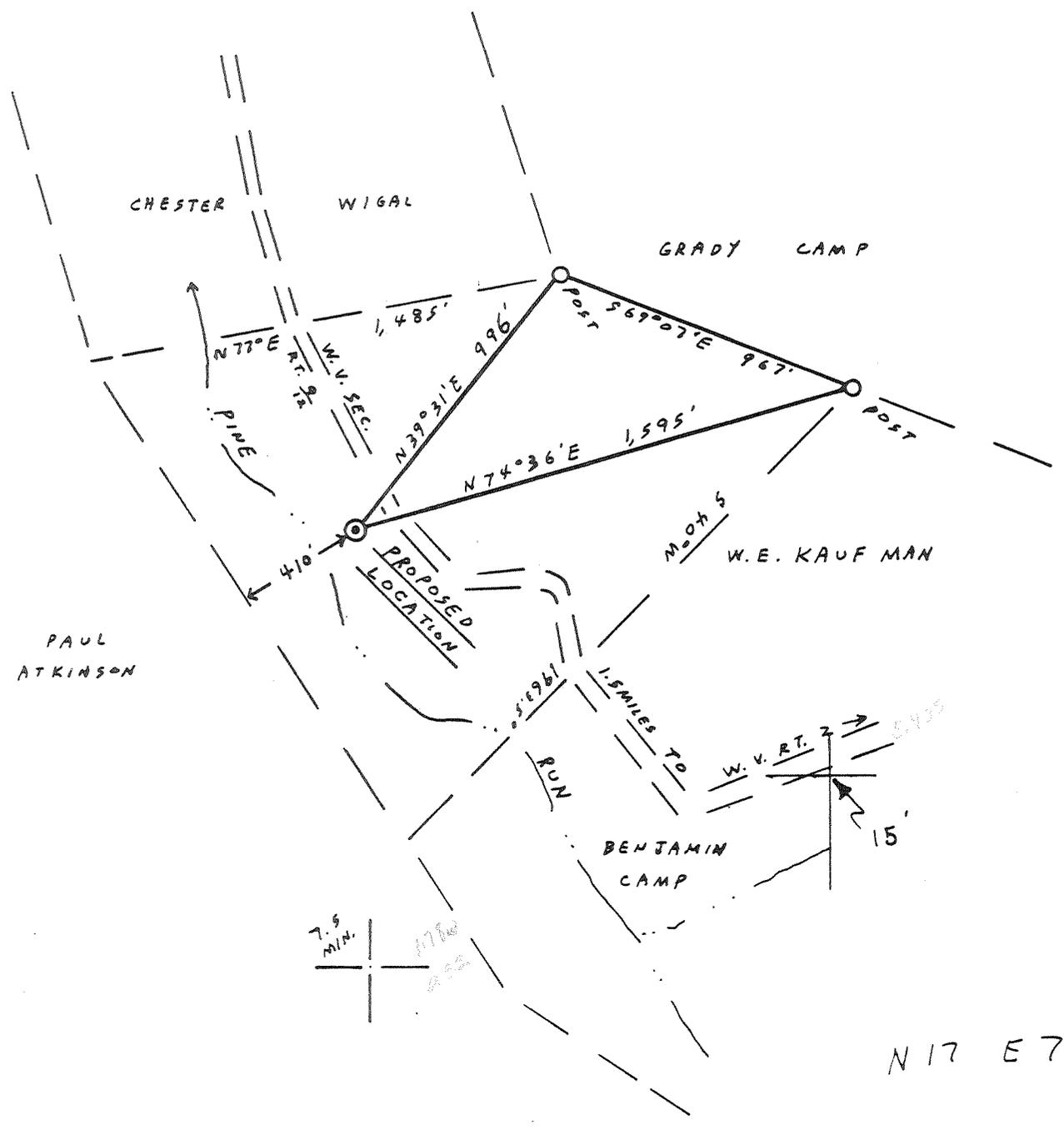
107, S. 10/19/82

Plot ← East 9,300'

LATITUDE 39° 12' 30"

LONGITUDE 81° 40' 00"

NORTH



NO WELLS WITHIN 2,400 FT.

FILE NO. _____
 DRAWING NO. 5-20
 SCALE 1"=500'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION ROAD INTER. ELEV = 623, 4,600' N.W. OF LOCATION

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) Vincent W. Wood
 R.P.E. _____ L.L.S. 664

PLACE SEAL HERE

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE OCTOBER 4, 1982
 OPERATOR'S WELL NO. KEM 274
 API WELL NO. _____

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP X SHALLOW ___
 LOCATION: ELEVATION 657 WATER SHED PINE RUN
 DISTRICT HARRIS COUNTY WOOD
 QUADRANGLE LUBECK (7.5 MIN.)
 SURFACE OWNER GRADY P. CAMP, ET AL. ACREAGE 50
 OIL & GAS ROYALTY OWNER GRADY P. CAMP, ET AL. LEASE ACREAGE 50
 LEASE NO. 86-05-209
 PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

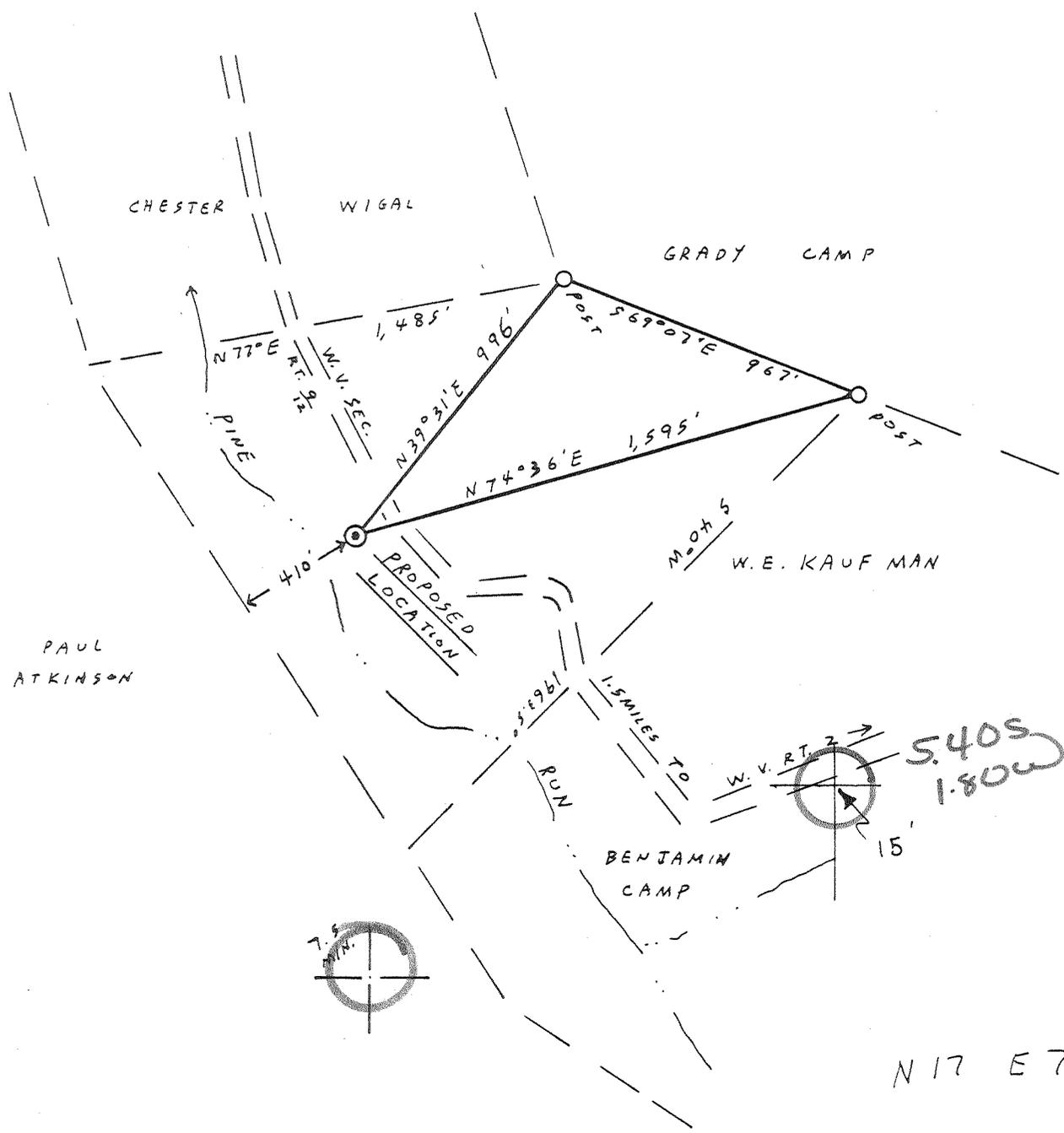
47-107-1228
 STATE COUNTY PERMIT
Cancelled
See: Wood-1234

NOV 8 1982

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION ORISKANY ESTIMATED DEPTH 4300'
 WELL OPERATOR KAISER EXPLOR & MIN. CO DESIGNATED AGENT KAISER EXPLORATION AND MINING CO.
 ADDRESS P.O. BOX 8 ADDRESS P.O. BOX 8

Wood-1228

NORTH



NO WELLS WITHIN 2,400 FT.

FILE NO. _____
 DRAWING NO. 5-20
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION ROAD INTER. ELEV = 623, 4,600' N.W. OF LOCATION

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) Vincent W. Wood
 R.P.E. _____ L.L.S. 664

PLACE SEAL HERE

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE OCTOBER 4, 1982
 OPERATOR'S WELL NO. KEM 274
 API WELL NO. _____
47-107-1228
 STATE COUNTY PERMIT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP X SHALLOW ___
 LOCATION: ELEVATION 657 WATER SHED PINE RUN
 DISTRICT HARRIS COUNTY WOOD
 QUADRANGLE LUBECK (7.5 MIN.) Bellville 15' NW
 SURFACE OWNER GRADY P. CAMP, ET AL. ACREAGE 50
 OIL & GAS ROYALTY OWNER GRADY P. CAMP, ET AL. LEASE ACREAGE 50
 LEASE NO. 86-05-209
 PROPOSED WORK: DRILL X 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 ORISKANY ESTIMATED DEPTH 4300'
 WELL OPERATOR KAISER EXPLOR. & MIN. CO. DESIGNATED AGENT KAISER EXPLORATION AND MINING CO.
 ADDRESS P.O. BOX 8 ADDRESS P.O. BOX 8
RAVENSWOOD, W. V. 26164 RAVENSWOOD, W. V. 26164

OCT 25 1982



Operator's Well No. KEM #274

API Well No. 47 107 1228
State County Permit

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

WELL TYPE: Oil / Gas x /
(If "Gas", Production x / Underground storage / Deep x / Shallow /)

LOCATION: Elevation: 657' Watershed: Pine Run
District: Harris County: Wood Quadrangle: Lubeck

WELL OPERATOR Kaiser Exploration and Mining Co. DESIGNATED AGENT R. A. Pryce
Address P. O. Box 8 Address P. O. Box 8
Ravenswood, WV 26164 Ravenswood, WV 26164

OIL & GAS ROYALTY OWNER Grady D. Camp, et al
Address Rt. 2
Belleville, WV

COAL OPERATOR None
Address

Acreage 50

COAL OWNER(S) WITH DECLARATION ON RECORD:

SURFACE OWNER Same

Name None

Address

Address

Acreage

Name

FIELD SALE (IF MADE) TO:

Address

Address

COAL LESSEE WITH DECLARATION ON RECORD:

OIL & GAS INSPECTOR TO BE NOTIFIED

Name

Name Samuel N. Hersman

Address

Address P. O. Box 66

Smithville, WV 26178

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed X / lease / other contract / dated December 19, 19 80, to the undersigned well operator from Grady D. Camp et al

(If said deed, lease, or other contract has been recorded:)
Recorded on May 13, 19 81, in the office of the Clerk of the County Commission of Wood County, West Va., in Lease Book 754 at page 706. A permit is requested as follows:

PROPOSED WORK: Drill X / Drill deeper / Redrill / Fracture or stimulate /
Plug off old formation / Perforate new formation /
Other physical change in well (specify)

 —planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code 522-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:
WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION
1615 WASHINGTON STREET EAST CHARLESTON, WV 25311
TELEPHONE: (304) 348-3092

RECEIVED
OCT 18 1982
OIL & GAS DIVISION
DEPT. OF MINES
BLANKET BOND

KAISER EXPLORATION AND MINING COMPANY
Well Operator
By R. A. Pryce
Its General Manager

[Handwritten signature]

DRILLING CONTRACTOR (IF KNOWN) Clint Hurt & Associates, Inc.
Address P. O. Box 388
Elkview, WV 25071

GEOLOGICAL TARGET FORMATION, Oriskany

Estimated depth of completed well, 4300 feet Rotary X / Cable tools /
Approximate water strata depths: Fresh, feet; salt, feet.
Approximate coal seam depths: Is coal being mined in the area? Yes / No /

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS	
	Size	Grade	Weight per ft	New	Used			For drilling
Conductor							Kinds	
Fresh Water	10 3/4"					250	250	150 sks class A (to surface)
Coal								Sizes
Intermediate	7"					1793	1793	65 sks 50/50 pozmix 100 sks Class A
Production	4 1/2"					4300	4300	225 sks 50/50 pozmix set
Tubing								
Liners								Perforations:
								Top Bottom

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code § 22-4-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.

A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.

THIS PERMIT MUST BE POSTED AT THE WELL SITE.
ALL PROVISIONS BEING IN ACCORDANCE WITH CHAPTER 22, ARTICLE 4 OF THE W. VA. CODE, THE LOCATION IS HEREBY APPROVED FOR Drilling. THIS PERMIT SHALL EXPIRE IF OPERATIONS HAVE NOT COMMENCED BY 6-20-83.
BY [Signature]

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof.

WAIVER

The undersigned coal operator / owner / lessee / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: , 19 By
Its



Operator's Well No. KEM #274 Revised

API Well No. 47 107 1234
State County Permit

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

WELL TYPE: Oil / Gas X /
(If "Gas", Production X / Underground storage / Deep X / Shallow /)

LOCATION: Elevation: 657' Watershed: Pine Run
District: Harris County: Wood Quadrangle: Lubeck

WELL OPERATOR Kaiser Exploration and Mining Co. DESIGNATED AGENT R. A. Pryce
Address P. O. Box 8 Address P. O. Box 8
Ravenswood, WV 26164 Ravenswood, WV 26164

OIL & GAS ROYALTY OWNER Grady D. Camp, et al
Address Rt. 2
Belleville, WV

COAL OPERATOR None
Address

Acreage 50

COAL OWNER(S) WITH DECLARATION ON RECORD:

SURFACE OWNER Same

Name None

Address

Address

Acreage

Name

FIELD SALE (IF MADE) TO:

Address

Address

COAL LESSEE WITH DECLARATION ON RECORD:

OIL & GAS INSPECTOR TO BE NOTIFIED

Name None

Name Samuel N. Hersman

Address

Address P. O. Box 66

Smithville, WV 26178

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease X other contract / dated December 19, 19 80, to the undersigned well operator from Grady D. Camp et al

(If said deed, lease, or other contract has been recorded:)
Recorded on May 13, 19 81, in the office of the Clerk of the County Commission of Wood County, West Va., in Lease Book 754 at page 706. A permit is requested as follows:

PROPOSED WORK: Drill X / Drill deeper / Redrill / Fracture or stimulate /
Plug off old formation / Perforate new formation /
Other physical change in well (specify)

 —planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:
WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION
1615 WASHINGTON STREET EAST
CHARLESTON, WV 25311
TELEPHONE: (304) 348-3092

RECEIVED
NOV 04 1982
OIL & GAS DIVISION
DEPT. OF MINES

Kaiser Exploration and Mining Company
Well Operator
By R. A. Pryce
Its General Manager

DRILLING CONTRACTOR (IF KNOWN) Clint Hurt and Associates

Address P. O. Box 338
Elkview, WV

GEOLOGICAL TARGET FORMATION, Oriskany

Estimated depth of completed well, 4453' feet Rotary X / Cable tools /

Approximate water strata depths: Fresh, feet; salt, feet.

Approximate coal seam depths: Is coal being mined in the area? Yes / No /

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS	
	Size	Grade	Weight per ft	New	Used			For drilling
Conductor							Kinds	
Fresh Water	10 3/4"					250'	250'	150 sks class A (to surface)
Coal								65 sks 50/50 pozmix
Intermediate	7"					1946'	1946'	100 sks class A
Production	4 1/2"					4453'	4453'	225 sks 50/50 pozmix
Tubing								
Liners								Perforations:
								Top Bottom

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code § 22-4-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.

A separate Form Iv-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.

THIS PERMIT MUST BE POSTED AT THE WELL SITE
ALL PROVISIONS BEING IN ACCORDANCE WITH CHAPTER 22,
ARTICLE 4 OF THE W. VA. CODE, THE LOCATION IS HEREBY
APPROVED FOR drilling THIS PERMIT SHALL EXPIRE
IF OPERATIONS HAVE NOT COMMENCED BY 7-5-83
BY [Signature]

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof.

WAIVER

The undersigned coal operator / owner / lessee / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: , 19

By
Its

WEST VIRGINIA WOOD

KAISER EXPL & MINING
274 CAMP GRADY D ET AL
EL: 810 GR

API 47-107-21234

* PERMIT 1234
39.12.30 81.40.00
12950 S 8850 W
D DG (GAS)
NEW ENGLAND

SPUD: 11/17/82 **COMP:** 11/24/82 **PROJ DEPTH/FM:** 4453 ORISKANY

CONTR: NOT RPTD

DTD: 4450 **FM/TD:** ORISKANY (11/24/82)

**COMP 11/24/82, IPF 500 MCFGPD, SICP 850 PROD ZONE - ORISKANY 4368-4378
DEVONIAN SH 3596-3717 BEREA 2076-2080 COMMINGLED FIRST REPORT &
COMPLETION**

LOC DESC: HARRIS DIST; LUBECK 7.5 QUAD; 50 AC LSE; LAT: 3917278 LONG: 8169790

CASING: 10 3/4 @ 252 W/150 SX, 7 @ 1817 W/165 SX, 4 1/2 @ 4450 W/200 SX;

DRLG COMMENTS: TOPS NOT RPTD

PRODUCING INTERVAL: PERF (ORISKANY) 4368-4378 W/40 SHOTS, PERF (DEVONIAN SH)
3596-3717, PERF (BEREA) 2076-2080 W/16 SHOTS, SGFR (4368-4378) W 60000 LBS SAND, GEL AMT NOT
RPTD 20/40 SD ATP 1700, ISIP 1300, NTGN (3596-3717) W/722000 SCF, SFFR (3596-3717) W/199 BBLS,
60000 LBS SAND, 75 QUALITY FOAM 5 MIN SIP/1190 20/40 SD ATP 2250, ISIP 1400, NTGN (2076-2080)
W/642100 SCF, SFFR (2076-2080) W/228 BBLS, 45000 LBS SAND, 75 QUALITY FOAM 5 MIN SIP/910 20/40
SD ATP 1600, ISIP 1100, ,

OPER ADD: BOX 8, RAVENSWOOD, WV, 26164;

COPYRIGHT 1995 PETROLEUM INFORMATION CORPORATION

DATE 06/21/95 CARD # 00084-AB

PT CARD IS ALL
I HAVE.

PT CARD IS ALL
I have.

WEST VIRGINIA WOOD
KAISER EXPL & MINING
274 CAMP GRADY D ET AL
EL: 810 GR

* PERMIT 1234
39.12.30 81.40.00
12950 S 8850 W
D.D.G (GAS)
NEW ENGLAND

API 47-107-21234

SPUD: 11/17/82 COMP: 11/24/82 PROJ DEPTH/FM: 4453 ORISKANY

CONTR: NOT RPTD
DID: 4450 FM/TD: ORISKANY (11/24/82)

COMP 11/24/82, IPF 500 MCFGPD, SICP 850 PROD ZONE - ORISKANY 4368-4378
DEVONIAN SH 3596-3717 BEREA 2076-2080 COMMINGLED FIRST REPORT &
COMPLETION

LOC DESC: HARRIS DIST; LUBECK 7.5 QUAD; 50 AC LSE; LAT: 3917278 LONG: 8169790
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DRLG COMMENTS: TOPS NOT RPTD
PRODUCING INTERVAL: PERF (ORISKANY) 4368-4378 W/40 SHOTS, PERF (DEVONIAN SH)
3596-3717, PERF (BEREA) 2076-2080 W/16 SHOTS, SGFR (4368-4378) W 60000 LBS SAND, GEL AMT NOT
RPTD 20/40 SD ATP 1700, ISIP 1300, NTGN (3596-3717) W/722000 SCF, SFFR (3596-3717) W/199 BBLS,
60000 LBS SAND, 75 QUALITY FOAM 5 MIN SIP/1190, 20/40 SD ATP 2250, ISIP 1400, NTGN (2076-2080)
W/842100 SCF, SFFR (2076-2080) W/228 BBLS, 45000 LBS SAND, 75 QUALITY FOAM 5 MIN SIP/910 20/40
SD ATP 1600, ISIP 1100,
OPER ADD: BOX 8, RAVENSWOOD, WV, 26164;

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DATE 06/21/85 CARD # 00084-AB