

LATITUDE 39° 35'

5,800'

LONGITUDE 80° 57' 30"

S. GROSS
T.M. 7-5
114.8 AC.

K. HEINLEIN
T.M. 8-1
40 AC.

POST

N64W
701'

N36 1/2 E
1964'

N8-10E
1566'

M. ASH
T.M. 8-16
83 AC.

N2E
~1300'

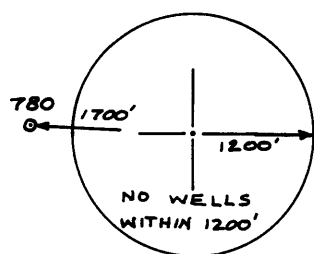
J. BEAVER
T.M. 7-32
52 AC.

NORTH
HICK.

N88E
942'

A. WELLS
T.M. 7-31
4.9 AC.

PIPELINE
1155'



SISTERSVILLE
CEME.
T.M. 7-33.1
15.7 AC

FILE NO. 81-42
DRAWING NO. 2
SCALE 1" = 500'
MINIMUM DEGREE OF
ACCURACY 1/200
PROVEN SOURCE OF
ELEVATION BM 1011

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 REGU-
LATIONS ISSUED AND PRESCRIBED BY THE DEPART-
MENT OF MINES.
(SIGNED) Neal Hughes
R.P.E. _____ L.L.S. 632

PLACE SEAL HERE

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



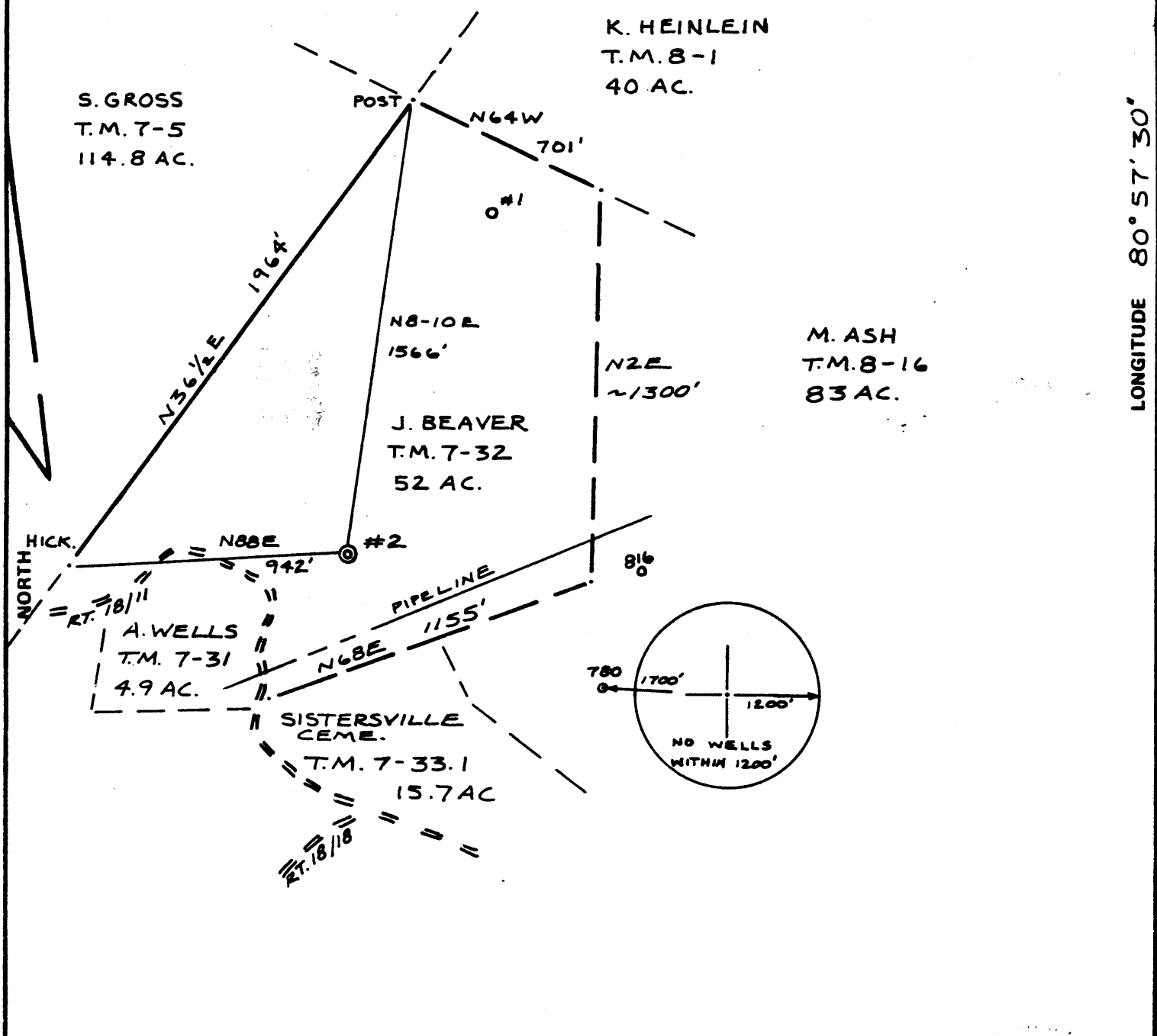
DATE OCTOBER 8, 1981
OPERATOR'S WELL NO. 2
API WELL NO. 47-095-0963
STATE COUNTY PERMIT
CANCELLED

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS,") PRODUCTION STORAGE ___ DEEP ___ SHALLOW ___
LOCATION: ELEVATION 1015 WATER SHED PURSLEY CREEK
DISTRICT LINCOLN COUNTY TYLER
QUADRANGLE PADEN CITY 7.5'
SURFACE OWNER JAMES BEAVER ACREAGE 52
OIL & GAS ROYALTY OWNER J. BEAVER 1/2 H. WOODBURN 1/4 R. PIATT 1/4 LEASE ACREAGE 52
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 DEVONIAN SHALE ESTIMATED DEPTH 5900
WELL OPERATOR PANTHER FUEL CO. DESIGNATED AGENT D. VILLERS
ADDRESS Box 295, SHINNISTON WV ADDRESS Box 647, WESTON, W.V.

AUG 2 1981

Benson



FILE NO. 81-42
 DRAWING NO. 2
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1/300
 PROVEN SOURCE OF ELEVATION BM 1011

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) Neal Hughes
 R.P.E. _____ L.L.S. 632

PLACE SEAL HERE

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



DATE OCTOBER 8, 1981
 OPERATOR'S WELL NO. 2
 API WELL NO. 47-095-0963
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION STORAGE _____ DEEP _____ SHALLOW _____
 LOCATION: ELEVATION 1015 WATER SHED PURSLEY CREEK
 DISTRICT LINCOLN COUNTY TYLER
 QUADRANGLE PADEN CITY 7.5' New Martinsville 15' SW
 SURFACE OWNER JAMES BEAVER ACREAGE 52
 OIL & GAS ROYALTY OWNER J. BEAVER 1/2 H. WOODBURN 1/4 R. PIATT 1/4 LEASE ACREAGE 52
 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 DEVONIAN SHALE ESTIMATED DEPTH 5900
 WELL OPERATOR PANTHER FUEL CO. DESIGNATED AGENT D. VILLERS
 ADDRESS Box 245, SMYRNA WV ADDRESS Box 647, WESTON, W.V.

NOV 10 1981
 NOV 19 1981

Benson



STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS - DEPARTMENT OF MINES

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil X / Gas X /

(If "Gas", Production X / Underground storage ___ / Deep ___ / Shallow X /

LOCATION: Elevation: 1015' Watershed: PURSLEY CRK.
District: LINCOLN County: TYLER Quadrangle: PADEN CITY 7.5

WELL OPERATOR PANTHER FUEL COMPANY
Address P.O. BOX 245
SHINNSTON, WV 26431

DESIGNATED AGENT DONNALLY VILLERS
Address P.O. BOX 647
WESTON, WV 26452

OIL AND GAS
ROYALTY OWNER J. BEAVER ET/AL
Address ROUTE # 2
SISTERSVILLE, WV
Acreage 52

COAL OPERATOR
Address _____

SURFACE OWNER SAME AS ABOVE
Address _____
Acreage 52

COAL OWNER(S) WITH DECLARATION ON RECORD:
NAME _____
Address _____
NAME _____
Address _____

FIELD SALE (IF MADE) TO:
NAME _____
Address _____

COAL LESSEE WITH DECLARATION ON RECORD:
NAME _____
Address _____

OIL AND GAS INSPECTOR TO BE NOTIFIED:
NAME PHILLIP L. TRACY
Address P.O. BOX 173
MIDDLEBOURNE, WV
Telephone (304) 758-4573

RECEIVED

NOV - 5 1981

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed ___ / lease ___ / other contract X / dated SEPT. 11, 1981, to the undersigned well operator from RONIN RESOURCES, INC. & TRILOGY OIL & GAS COMPANY.

(If said deed, lease, or other contract has been recorded:)

Recorded on _____, 19___, in the office of the Clerk of County Commission of _____ County, West Virginia, in _____ Book at page _____. 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 receipt of this Application by the Dept. 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 lessees on or before the day of the mailing or delivery of this 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
1613 WASHINGTON ST., E.
CHARLESTON, WV 25311
Telephone - 304/348-3092

BLANKET BOND

PANTHER FUEL COMPANY
Well Operator

By: David J. Harner
Its: PRESIDENT

(Revised 3-81)

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) UNKNOWN

Address _____

GEOLOGICAL TARGET FORMATION DEVONIAN SHALE

Estimated depth of completed well 5900 feet. Rotary X / Cable tools /
Approximate water strata depths: Fresh, feet; salt, feet.
Approximate coal seam depths: NONE
Is coal being mined in this area: Yes / No X /

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL UP OR SACKS Cubic ft.	PACKERS
	Size	Grade	Weight per ft	New	Used	For Drill-ling	Left in Well		
Conductor	11 3/4				X				Kinds
Fresh water									
Coal									Sizes
Intermed.	8 5/8		20	X		1000			
Production	4 1/2		9.5	X		5990		240 CTS 5990 SACKS NEEDED	Depths set
Tubing								As required By Rule 7529	
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, of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 7-12-82.


Deputy Director - Oil & Gas Division

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:

W A I V E R

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 regularions.

Date: _____, 19____.

By: _____

Its: _____