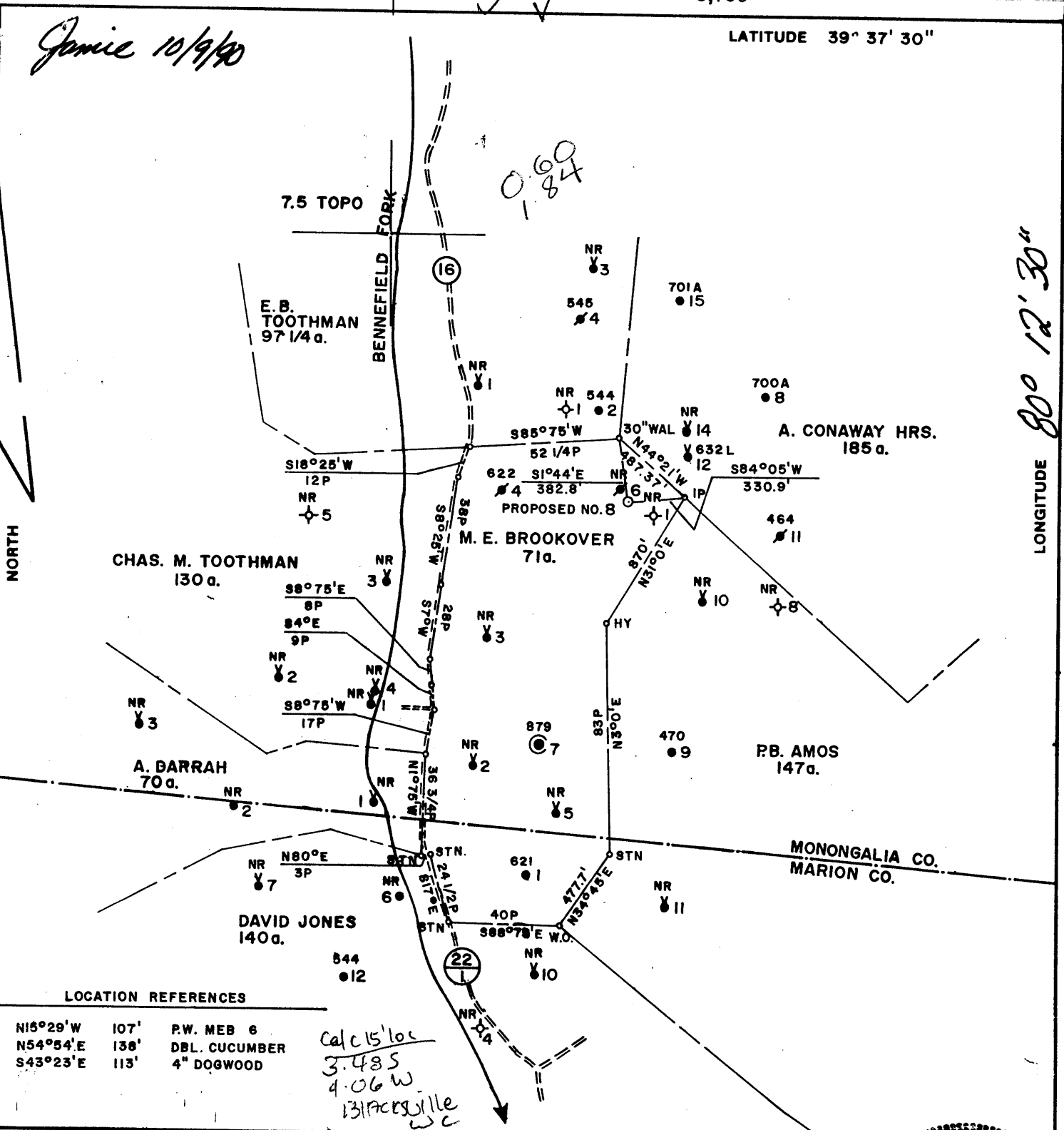


9,750'

LATITUDE 39° 37' 30"

Janice 10/9/90



LONGITUDE 80° 12' 30"

3,200'

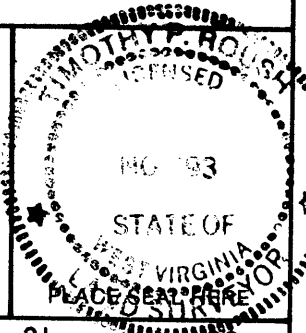
LOCATION REFERENCES

N15°29'W	107'	P.W. MEB 6
N54°54'E	138'	DBL. CUCUMBER
S43°23'E	113'	4" DOGWOOD

*Calc 15' loc
3.48 S
4.06 W
Blacksville
W.C.*

FILE NO. 919
 MAP N61E SQS N11 E21
 SCALE 1" = 800'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION USGS BM AT S.R. 218 = 1026'

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) *Timothy F. Roush*
 TIMOTHY F. ROUSH PS 793



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE SEPTEMBER 21 1990
 FARM M. E. BROOKOVER NO. 8
 API WELL NO.

47 - 061 - 0980
 STATE COUNTY PERMIT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WELL TYPE: OIL ___ GAS ___ LIQUID INJECTION ___ WASTE DISPOSAL ___ CORE TEST X
 (IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW ___
 LOCATION: ELEVATION 1,361' WATER SHED BENNEFIELD FORK
 DISTRICT CLAY 3 COUNTY MONOGALIA
 QUADRANGLE GRANT TOWN 7.5
 SURFACE OWNER BILLY HAUGHT ACREAGE 71
 OIL & GAS ROYALTY OWNER ZELMA A. BROOKOVER LEASE ACREAGE 71
 LEASE NO. 47519-50
 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 FIFTH SAND ESTIMATED DEPTH 3,360' 7-0 OCT 22 1990
 WELL OPERATOR PENNZOIL PRODUCTS CO. DESIGNATED AGENT JAMES A. CREWS Fairview - Statler Run
 ADDRESS PO. BOX 5519 ADDRESS PO. BOX 5519 Mount Morris
VIENNA, WV 26105 VIENNA, WV 26105 (066)

FORM IV-6 (8-78)

H. T. HALL

State of West Virginia
DEPARTMENT OF ENERGY
Division of Oil and Gas

Well Operator's Report of Well Work

Farm name: HAUGHT, BILLY Operator Well No.: M.E. BROOKOVER8

LOCATION: Elevation: 1361.00 Quadrangle: GRANT TOWN

District: CLAY County: MONONGALIA
Latitude: 3200 Feet South of 39 Deg. 37Min. 30 Sec.
Longitude 9750 Feet West of 80 Deg. 15 Min. 0 Sec.

Company: PENNZOIL PRODUCTS COMPANY
P. O. BOX 5519
VIENNA, WV 26105-5519

Agent: JAMES A. CREWS

Inspector: DONALD ELLIS
Permit Issued: 10/12/90
Well work Commenced: 11-8-90
Well work Completed: 11-28-90
Verbal Plugging
Permission granted on: _____
Rotary X Cable _____ Rig
Total Depth (feet) 3374'
Fresh water depths (ft) 85' (2" Stream)

Salt water depths (ft) _____

Is coal being mined in area (Y/N)? N
Coal Depths (ft): 892'-899'

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft. To surface
8-5/8	928	928	385 Sks.
4-1/2	3355.55	3355.55	425 Sks.

OPEN FLOW DATA

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

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

* CORE TEST ONLY, WILL COMPLETE WELL AT A LATER DATE.

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.

For: PENNZOIL PRODUCTS COMPANY
By: Timothy P. Roush Timothy P. Roush
Date: April 17, 1991

APR 26 1991

Stimulation - Not perforated or treated.

Well Log

Sand & Shale	0-892
Pittsburgh Coal	892-899
Sand & Shale	899-1611
Sand	1611-1650
Shale	1650-1693
Sand	1693-1737
Shale	1737-1782
Salt Sand	1782-1862
Shale	1862-1893
Sand	1893-1918
Shale	1918-2097
Little Lime	2097-2110
Blue Monday	2110-2122
Pencil Cave	2122-2137
Big Lime	2137-2200
Loyalhanna	2200-2272
Big Injun	2272-2397
Pocono Shale	2397-2473
Sand	2473-2483
Shale	2483-2650
Sand & Shale	2650-3309
Fifth Sand	3309-3321
Shale	3321-3374

11320

061 980

Issued 10/2/90

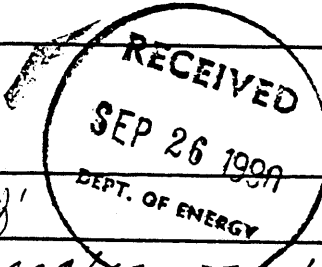
Expires 10/12/92

FORM WW-2B

Page 3 of 4

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

- 1) Well Operator: Pennzoil Products Company 37450 (3) 380
2) Operator's Well Number: M. E. BROOKOVER NO. 8 3) Elevation: 1361'
4) Well type: (a) Oil / or Gas / Core Test X /
(b) If Gas: Production / Underground Storage / Deep / Shallow
5) Proposed Target Formation(s): Fifth Sand
6) Proposed Total Depth: 3360 feet
7) Approximate fresh water strata depths: N/A 332'
8) Approximate salt water depths: 1775' 1744' 1768'
9) Approximate coal seam depths: 880' 332' 335' 698' 702' 790'-797'
10) Does land contain coal seams tributary to active mine? Yes X / No
11) Proposed Well Work: Drill and core test NEW WELL
12)



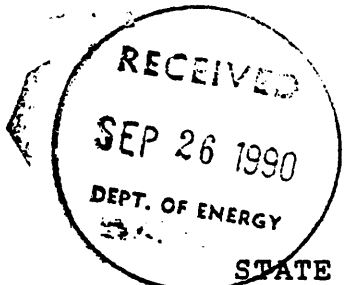
CASING AND TUBING PROGRAM

Table with columns: TYPE, SPECIFICATIONS (Size, Grade, Weight per ft.), FOOTAGE INTERVALS (For drilling, Left in well), CEMENT (Fill-up (cu. ft.)). Rows include Conductor, Fresh Water, Coal, Intermediate, Production, Tubing, Liners.

PACKERS : Kind _____
Sizes _____
Depths set _____

For Division of Oil and Gas Use Only

Fee(s) paid: [X] Well Work Permit [X] Reclamation Fund [X] WPCP
Plat [X] WW-9 [X] WW-2B [X] Bond [X] Bond [X] Bond



- 1) Date: September 25, 1990
- 2) Operator's well number M. E. BROOKOVER NO. 8
- 3) API Well No: 47 - 061 - 0980
State - County - Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- 4) Surface Owner(s) to be served:
 - (a) Name Billy Haught
Address Rt. 1, Box 160
Fairview, WV 26570
 - (b) Name _____
Address _____
 - (c) Name _____
Address _____
- 6) Inspector Don Ellis
Address 2604 Crab Apple Lane
Fairmont, WV 26554
Telephone (304)-534-5596

- 5) (a) Coal Operator:
 - Name _____
Address _____
 - (b) Coal Owner(s) with Declaration
Name Consolidation Coal Co.
Address P.O. Box 1314
Morgantown, WV 26507-1314
Name _____
Address _____
 - (c) Coal Lessee with Declaration
Name _____
Address _____

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
 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 4 on the above named parties, by:
 Personal Service (Affidavit attached)
 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 Pennzoil Products Company
 By: Timothy P. Roush
 Its: Supervisor, Surveying/Mapping
 Address P.O. Box 5519
Vienna, WV 26105-5519
 Telephone 304-422-6565

Subscribed and sworn before me this 25th day of September, 1990

Debra K. Bailey Notary Public
 My commission expires June 16, 1991