

West Virginia Department of Environmental Protection
Office of Oil & Gas

WELL LOCATION FORM: GPS

API: 47-095-0857 P WELL NO: 7

FARM NAME: M.H. Pennick

RESPONSIBLE PARTY NAME: East Resources, Inc.

COUNTY: Tyler DISTRICT: McElroy

QUADRANGLE: Centerpoint 7.5'

SURFACE OWNER: Dorothy Walters

ROYALTY OWNER: East Resources, Inc. et al.

UTM GPS NORTHING: 4,366,712 (NAD 27)

UTM GPS EASTING: 526,116 (NAD 27) GPS ELEVATION: 293 m.

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit on the above well. The Office of Oil & Gas will not accept GPS coordinates that do not meet the following requirements:

1. Datum: NAD 1983, Zone:17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) - meters.
2. Accuracy to Datum - 3.05 meters
3. Data Collection Method:

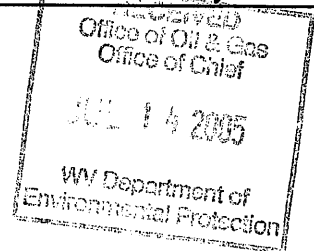
Survey Grade GPS	<input type="checkbox"/>	Post Processed Differential	<input type="checkbox"/>
		Real-Time Differential	<input type="checkbox"/>
Mapping Grade GPS	<input checked="" type="checkbox"/>	Post Processed Differential	<input checked="" type="checkbox"/>
		Real-Time Differential	<input type="checkbox"/>

I the undersigned, hereby certify this data 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 Office of Oil and Gas.

Timothy P. Roush
Signature

July 11, 2005
Date

Professional Surveyor
Title



TYL
0857 P

34 V 250' 100 2-26-80

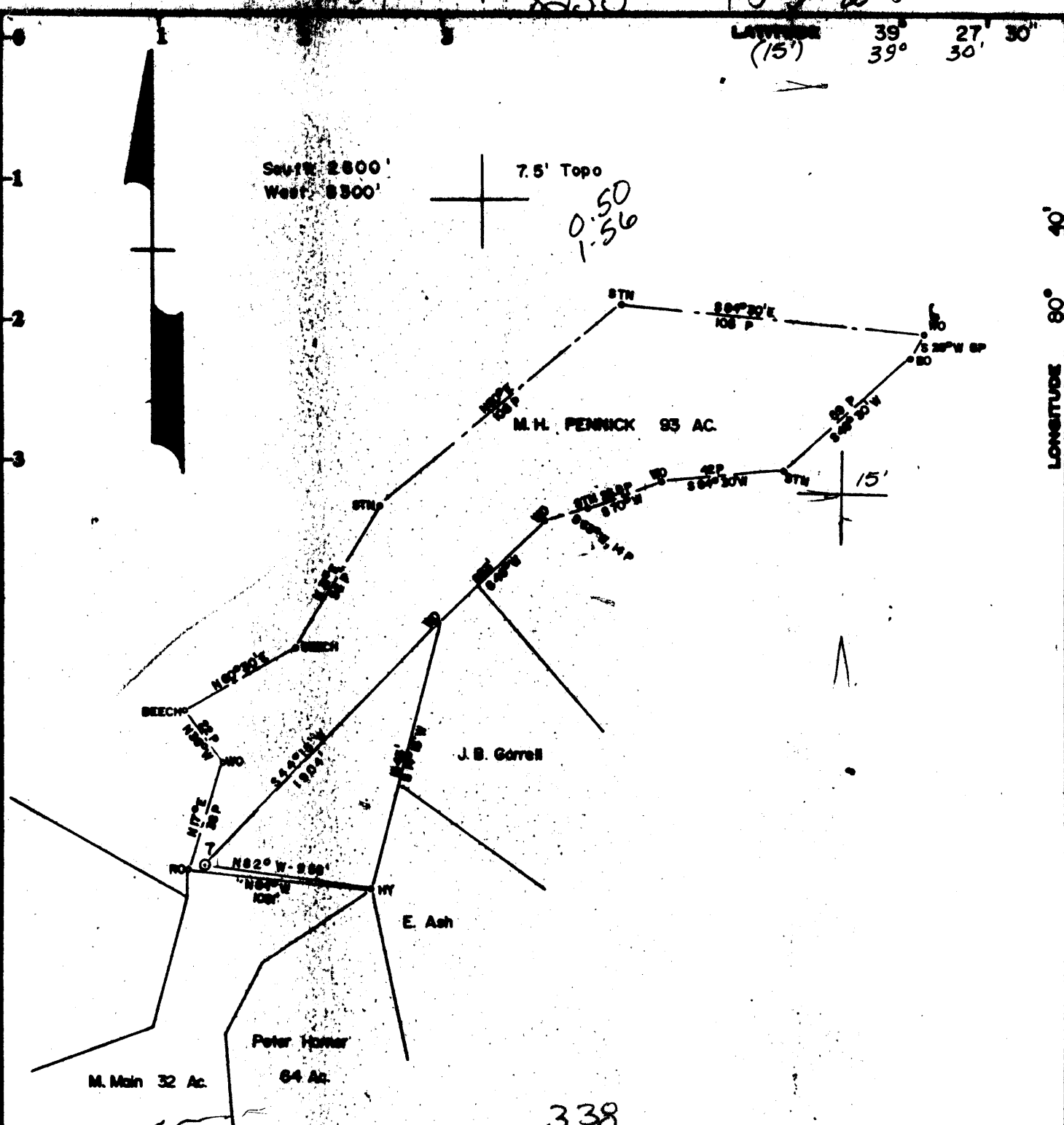
Latitude (15') 39° 27' 30" 39° 30'

Sev'n 2800' West 8300'

7.5' Topo

0.50 1.56

0575' 40' 80' LONGITUDE



Surface: Kermit McIntire
328 Country Club Blvd.
Weirton, W.V

Minimum Scale of Closure 1 in 200
Source of Elevation P. Horner 9, Elev. 1008.94

Fracture
New Location Injection
Drill Deeper
Abandonment

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

Signed *Curtis A. Lucas*

Map No. N 47 Squares: N | S | E | W 4

Company	PENNZOIL COMPANY 673
Address	P. O. Box 1588, Parkersburg, W. Va. 26101
Farm	M.H. PENNICK
Tract	Acres 93 Lease No. 24425-00
Well (Farm) No.	7 Serial No.
Elevation (Spirit Level)	963.22
Quadrangle	CENTERPOINT 7.5' x 15' 1/2 W
County	TYLER District MC ELROY 5
Surveyor	CURTIS A. LUCAS
Surveyor's Registration No.	275
File No.	1699 Drawing No.
Date	9-22-80 Scale 1" = 800'

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON

WELL LOCATION MAP
095-0857 LI
FILE NO.

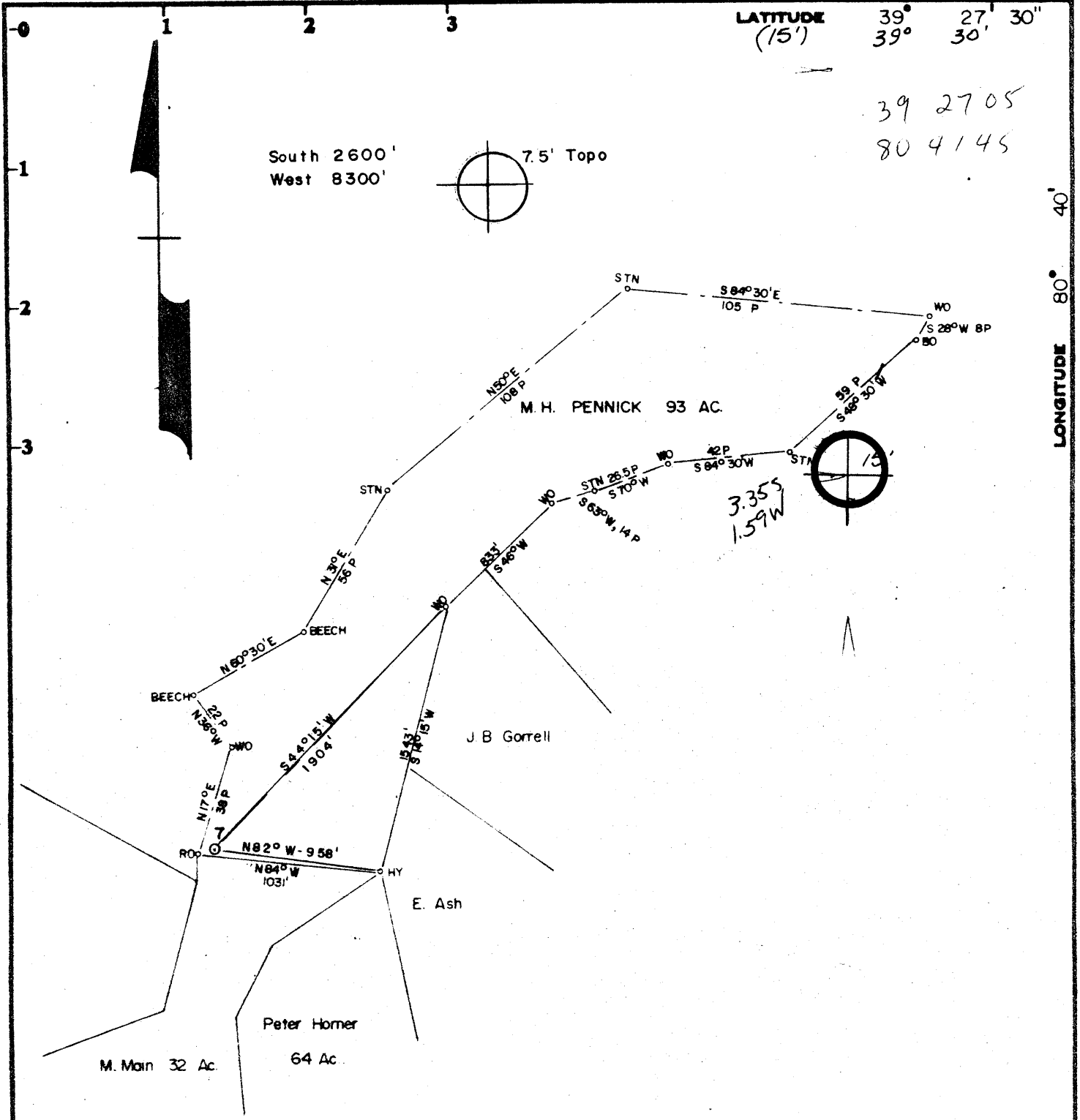
+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.

2920 GORDON

OWWO 8.0 Jacksonburg-Stringtown (095)

MINING 44-131 27198



Surface: Kermit McIntire
328 Country Club Blvd.
Weir ton, WV

Minimum Error of Closure 1 in 200
Source of Elevation P. Horner 9, Elev. 1008.94

Fracture
New Location Injection
Drill Deeper
Abandonment

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Signed Curtis A. Lucas

Map No. N 47 Squares: N | S | E | W 4

Company	PENNZOIL COMPANY		
Address	P. O. Box 1588, Parkersburg, W. Va. 26101		
Farm	M.H. PENNICK		
Tract	Acres	Lease No.	93 24425-00
Well (Farm) No.	7	Serial No.	
Elevation (Spirit Level)	963.22		
Quadrangle	CENTERPOINT 7.5' & 15' NW		
County	TYLER	District	MC ELROY
Surveyor	CURTIS A. LUCAS		
Surveyor's Registration No.	275		
File No.	1699	Drawing No.	
Date	9-22-80	Scale	1" = 800'

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON

WELL LOCATION MAP
095-0857
FILE NO. _____

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.
- Denotes one inch spaces on border line of original tracing.

BRUNING 44.131 27198

P.O. Jacksonburg - Stringtown (95)

OCT 10 1980



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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division
WELL RECORD

OIL & GAS DIVISION
DEPT. OF MINES

Rotary _____ Oil _____
Cable _____ Gas _____
Recycling _____ Comb. _____
Water Flood Storage _____
Disposal _____ (Kind)

Quadrangle Centerpoint 7.5'

Permit No. 47-095-0857

Company Pennzoil Company
Address P. O. Box 1588, Parkersburg, WV 26101
Farm M. H. Pennick Acres 93
Location (waters) Stackpole Run
Well No. 7 Elev. 963.22'
District McElroy County Tyler
The surface of tract is owned in fee by _____
Kermit McIntire
Address 328 Country Club Dr., Weirton, WV
Mineral rights are owned by Pearl Wright, Agt.
Address Alvy, WV
Drilling Commenced 12-16-80
Drilling Completed 1-2-81
Initial open flow _____ cu. ft. _____ bbls.
Final production _____ cu. ft. per day _____ bbls.
Well open _____ hrs. before test _____ RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-10"			
9 5/8			
8 5/8	867	867	230 sks
7			
5 1/2			
4 1/2	2910	2910	150 sks
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Water Injection Well

Perf: 2840-2846-12H

Fractured: 1-8-81 w/250 gals. 15% HCL, 135 BGW, 750# 20/40 sd

Coal was encountered at _____ Feet _____ Inches
Fresh water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand Gordon Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand			0	860		
Shale & Sand			860	1984		
Little Lime			1984	1996		
Pencil Cave			1996	2024		
Blue Monday			2024	2034		
Big Lime			2034	2108		
Loyalhanna			2108	2134		
Pocono Big Injun			2134	2260		
Pocono Shale			2260	2834		
Gordon			2834	2910		
Total Depth				2910		
PBD				2880		

MAR 9 1981

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks

Date 1-16, 1920

APPROVED Curtis A. Reiser Own
Civil Eng. Dept

APZ # 47-095-00857S

State of West Virginia
Division of Environmental Protection
Section of Oil and Gas

Well Operator's Report of Well Work

Farm name: M.H. Pennick

Operator Well No.: 7 DEC 07 93

LOCATION: Elevation: 963.22' Quadrangle: Centerpoint

District: McElroy County: Tyler
 Latitude: _____ Feet South of 39 Deg. 27 Min. 30 Sec.
 Longitude N/A Feet West of 80 Deg. 40 Min. 00 Sec.

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

Agent: JAMES A. CREWS

Inspector: Mike Underwood
 Permit Issued: 1-5-93
 Well work Commenced: 1-29-93
 Well work Completed: 2-2-93
 Verbal Plugging _____

Permission granted on: _____
 Rotary _____ Cable X Rig
 Total Depth (feet) 2910
 Fresh water depths (ft) N/A

Salt water depths (ft) N/A

Is coal being mined in area (Y/N)? N
 Coal Depths (ft): _____

Casing & Tubing	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
Size	SEE ORIGINAL WELL RECORD		

OPEN FLOW DATA Water Injection Well

Producing formation Gordon Pay zone depth (ft) 2834 - 2910
 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

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: [Signature]
 Date: 12/6/93

TREATMENT:

TREATED: Original perforations 2840 to 2846 12 Holes
207 Bbls. Gelled Water & 8000# 20/40 Sand

WELL LOG:

See Original Well Record

TD 2910

DF -411

DF-419

16568

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WV Division of
Environmental Protection

DEC 1 1 92

Permitting
Office of Oil & Gas



STATE OF WEST VIRGINIA
NOTICE OF LIQUID INJECTION OR WASTE DISPOSAL WELL WORK PERMIT APPLICATION
for the
DEPARTMENT OF ENERGY, OIL AND GAS DIVISION

- 1) Date: December 10, 19 92
2) Operator's Well No. M.H. PENNICK #7
3) SIC Code _____
4) API Well No. 47 - 095 - 0857
State County Permit
5) UIC Permit No. _____

Issued 12/28/92

Expires 12/28/94

- 6) WELL TYPE: Liquid injection / Gas injection (not storage) _____ / Waste disposal _____
7) LOCATION: Elevation: 963.22' / Watershed: Stackpole Run
District: McElroy / County: Tyler / Quadrangle: Centerpoint
8) WELL OPERATOR Pennzoil Products Company 37450 / 9) DESIGNATED AGENT J.A. Crews
Address P.O. Box 5519 / Address P.O. Box 5519
Vienna, WV 26105 / Vienna, WV 26105
10) OIL & GAS INSPECTOR TO BE NOTIFIED
Name Mike Underwood
Address Rt. #2, Box 135
Salem, WV 26426
11) DRILLING CONTRACTOR:
Name _____
Address _____
12) PROPOSED WELL WORK: Drill _____ / Drill deeper _____ / Redrill _____ / Stimulate
Plug off old formation _____ / Perforate new formation _____ / Convert _____
Other physical change in well (specify) _____
13) GEOLOGICAL TARGET FORMATION, Gordon Depth 2834 feet(top) to 2910 feet(bottom)
14) Estimated depth of completed well, (or actual depth of existing well) 2910 ft.
15) Approximate water strata depths: Fresh, N/A feet; salt, N/A feet.
16) Approximate coal seam depths: N/A
17) Is coal being mined in the area? Yes _____ / No
18) Virgin reservoir pressure in target formation 80 psig. Source Estimated
19) Estimated reservoir fracture pressure _____ psig (BHFP)
20) MAXIMUM PROPOSED INJECTION OPERATIONS: Volume per hour: 25 Bbl. Bottom hole pressure 2340 psig
21) DETAILED IDENTIFICATION OF MATERIALS TO BE INJECTED, INCLUDING ADDITIVES: Fresh water or produced water from waterflood operations.
22) FILTERS (IF ANY): _____
23) SPECIFICATIONS FOR CATHODIC PROTECTION AND OTHER CORROSION CONTROL: _____

24) 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	Left in well		
Conductor									
Fresh water	8 5/8	H40	20	X		861	861	To Surface	Kinds
Coal									Sizes
Intermediate									
Production	4 1/2	K55	9.5	X		2902	2902	150 Sks.	Depths set
Tubing									Perforations:
Liners									Top Bottom

25) APPLICANT'S OPERATING RIGHTS were acquired from Alpheous Glover
by deed _____ / lease / other contract _____ / dated _____, 19____, of record in the
Tyler County Clerk's office in Lease Book 30 at page 641

See the reverse side of the APPLICANT'S COPY for instructions to the well operator.

16568

RECEIVED
Environmental Protection

DEC 1 1 92

Permitting
Office of Oil & Gas

- 1) Date December 10, 1992
- Operator's
- 2) Well No. M.H. PENNICK #7
- 3) SIC Code _____
- 4) API Well No. 47 - 095 - 0857
State County Permi

STATE OF WEST VIRGINIA

NOTICE OF LIQUID INJECTION OR WASTE DISPOSAL WELL WORK PERMIT APPLICATION
for the

DIVISION OF OIL AND GAS, DEPARTMENT OF ENERGY

- 6) SURFACE OWNER(S) OF RECORD TO BE SERVED
- S.J. McIntyre &
- (i) Name H.R. Wright
Address c/o Helen Brunner
1646 22nd Avenue
- (ii) Name San Francisco, CA 94122
Address _____
- (iii) Name _____
Address _____

- 7 (i) COAL OPERATOR N/A
Address _____
- 7 (ii) COAL OWNER(S) WITH DECLARATION ON RECORD
Name _____
Address _____
- 7 (iii) COAL LESSEE WITH DECLARATION ON RECORD:
Name _____
Address _____

TO THE PERSON(S) NAMED ABOVE: You should have received this Form and the following documents:

- (1) The Application for a Liquid Injection or Waste Disposal Well Work Permit on Form WW-3(B), which sets out the parties involved in the drilling or other work, and
- (2) The plat (surveyor's map) showing the well location on Form WW-6; and
- (3) The Construction and Reclamation Plan on Form WW-9 (unless the well work is only to plug a well), which sets out the plan for erosion and sediment control and for reclamation for the site and access road.

The date proposed for the first injection or waste disposal is _____, 19____.

THE REASON YOU RECEIVED THESE DOCUMENTS IS THAT YOU HAVE RIGHTS REGARDING THE APPLICATION WHICH ARE SUMMARIZED IN THE "INSTRUCTIONS" ON THE REVERSE SIDE OF THE COPY OF THE APPLICATION (FORM WW-3(B)) DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.

Take notice that under Chapter 22B of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a Well Work Permit with the Director of the Division of Oil and Gas, West Virginia Department of Energy, with respect to a well at the location described on the attached Application and depicted on attached Form WW-6. Copies of this Notice, the Application, the plat, and the Construction and Reclamation Plan have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Director.

The person signing this document shall make the following certification:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document 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.

Pennzoil Products Company
Well Operator

By Timothy P. Roush
Timothy P. Roush
Its Supervisor - Surveying/Mapping

Telephone (304) 422-6565



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED
SEP 24 1980

Oil and Gas Division
OIL AND GAS DIVISION
DEPT. OF MINES
OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,
Charleston, W. Va.

Surface Owner Kermit McIntire
Address 328 Country Club Drive, Weirton, WV
Mineral Owner Pearl Wright, Agt.
Address Alvy, WV 26322
Coal Owner _____
Address _____
Coal Operator NO COMMERCIAL COAL

DATE September 23, 1980
Company Pennzoil Company
Address P. O. Box 1588, Parkersburg, WV
Farm M. H. Pennick Acres 93
Location (waters) Stackpole Run
Well No. 7 Elevation 963
District McElroy County Tyler
Quadrangle Centerpoint 7.5'

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 5-26-81.

INSPECTOR
TO BE NOTIFIED Phil Tracy
ADDRESS Rt. 23, Alma, WV
PHONE 758-4373

Fred W. Smith
Deputy Director - Oil & Gas Division

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having title thereto, (or as the case may be) under grant or lease dated August 1 19 94 by Charles C. Pennick and Mary H. Pennick made to Brooke Gas Company and recorded on the _____ day of _____ 19____, in _____ County, Book 30 Page 219
 NEW WELL _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE
_____ OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days.

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operator or coal owners at their above shown respective address _____ day _____ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA GEOLOGICAL AND
ECONOMIC SURVEY
P. O. BOX 879
MORGANTOWN, WEST VIRGINIA 26505
AC-304 - 292-6331

Very truly yours, PENNZOIL COMPANY
(Sign Name) *Curtis A. Lucas*
Well Operator Curtis A. Lucas
Civil Eng. Dep
P. O. Box 1588
Street
Parkersburg,
City or Town
West Virginia 26101
State

*SECTION 3. . . . If no objections are filed or found by the Department of mines, within said period of ten days from the receipt notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit receipt the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

BLANKET BOND

47-095-0857

PERMIT NUMBER

THIS IS AN ESTIMATE ONLY
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO X DRILL _____ DEEPEN _____ FRACTURE STIMULATE _____
 DRILLING CONTRACTOR (If Known) _____ RESPONSIBLE AGENT _____
 NAME _____ NAME Pennzoil Company
 ADDRESS _____ ADDRESS Parkersburg, WV 26101
 TELEPHONE _____ TELEPHONE 422-6565
 ESTIMATED DEPTH OF COMPLETED WELL 2920 ROTARY X CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Gordon
 TYPE OF WELL OIL _____ GAS _____ COMB _____ STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER Water Inj

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LIFT IN WELL	CEMENT (FT) OR SACKS - CUBIC FT.
20 - 15			
13 - 10			
9 - 5 3/8			
8 - 5 3/8	840	840	375 sks.
7			
5 1/2			
4 1/2	2920	2920	200 sks.
3			Perf. Top
2			Perf. Bottom
Lines			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS _____ FEET SALT WATER _____ FEET
 APPROXIMATE COAL DEPTHS _____
 IS COAL BEING MINED IN THE AREA? None BY WHOM? _____

TO DRILL:
 SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:
 SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:
 OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.
 OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND.
 Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified two (2) days in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for _____ Coal Company, Owner or Operator of the coal lease have examined and place on our mine maps this proposed well location.
 We the _____ Coal Company have no objections to said well being drilled at this location providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

 For Coal Company

 Official Title

