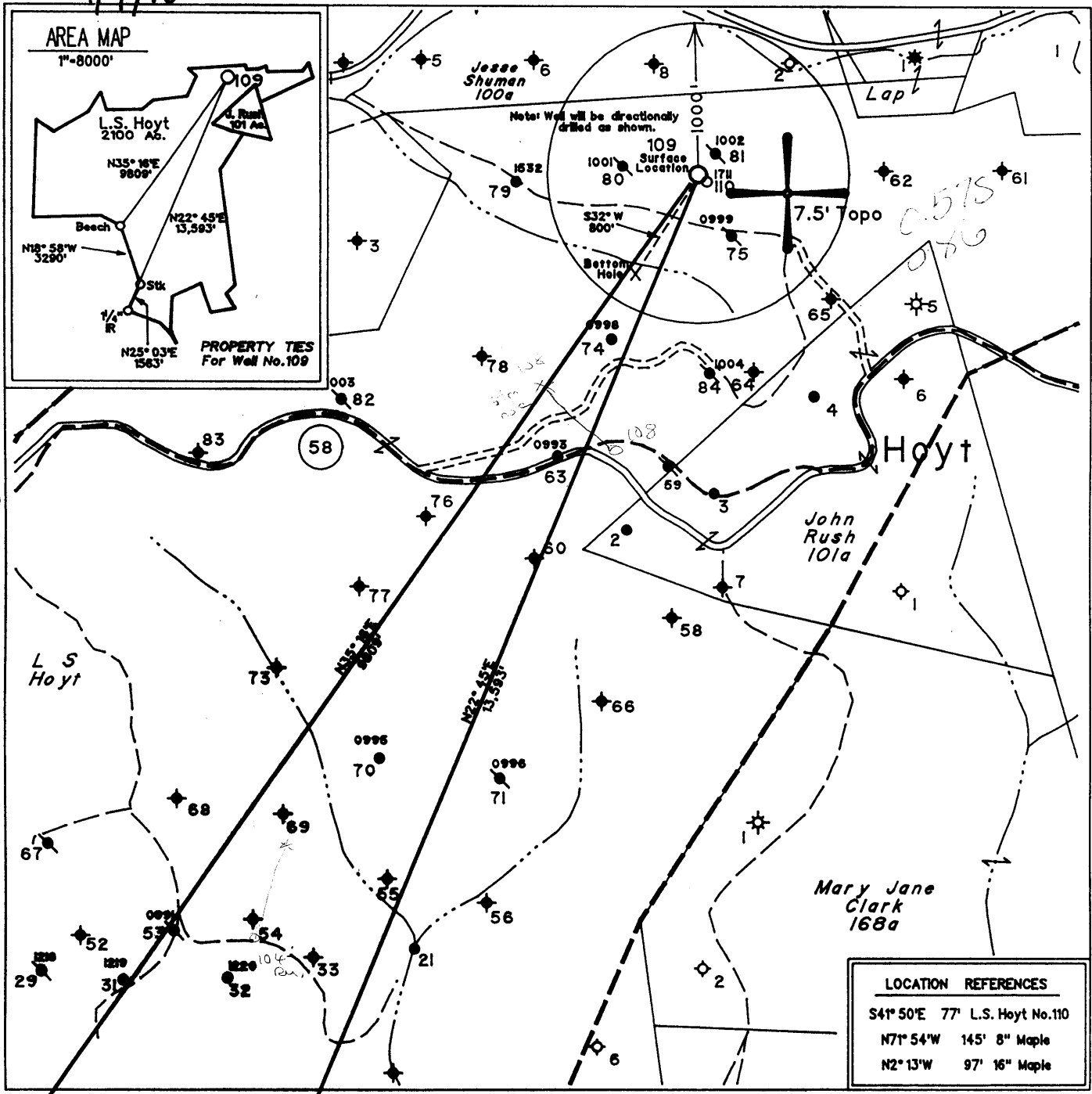


G's 9/9/96



LOCATION REFERENCES	
S41° 50'E	77' L.S. Hoyt No.110
N71° 54'W	145' 8" Maple
N2° 13'W	97' 16" Maple

Note: No Known Water Supply Sources Are Located Within 1000' Of Proposed Well

◆ - Denotes a Water Supply Source

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

FILE NO. 325
 MAP NO. N68 N 11 S E W 2
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION USGS BM - 838'

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 P. Roush
 TIMOTHY P. ROUSH PS 793



STATE OF WEST VIRGINIA
 DIVISION OF ENERGY
 OIL AND GAS SECTION



DATE August 30, 19 96
 FARM L.S. Hoyt NO. 109
 API WELL NO. 47-103-0171753

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1314' WATERSHED Little Fishing Creek
 DISTRICT Center COUNTY Wetzel
 QUADRANGLE Pine Grove

SURFACE OWNER Dallison Lumber Inc. ACREAGE 2099.3 Ac.
 OIL & GAS ROYALTY OWNER The Hoyt Foundation LEASE ACREAGE 2100 Ac.
 LEASE NO. 52265-50

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) 8-0 90

PLUG AND ABANDON CLEAN OUT AND REPLUG
 TARGET FORMATION Gordon ESTIMATED DEPTH 3500 MD
 WELL OPERATOR Pennzoil Products Company DESIGNATED AGENT Philip S. Ondrusek
 ADDRESS P. O. Box 5519 ADDRESS P. O. Box 5519
Vienna, W.Va. 26105 Vienna, W.Va. 26105

OCT 04 1996

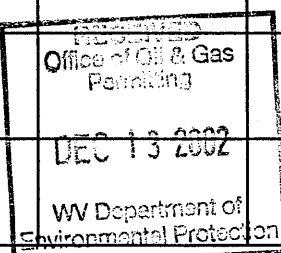
State of West Virginia
Division of Environmental Protection
Section of Oil and Gas

Andy

Well Operator's Report of Well Work

Farm name: DALLISON LUMBER, INC
 LOCATION: Elevation: 1314'
 District: GRANT
 Latitude: 3,050 Feet south of
 Longitude: 4,550 Feet west of
 Company: EAST RESOURCES, INC.
 P.O. BOX 5519
 VIENNA, WV 26105-5519
 Agent: MICHAEL MCCOWN
 Inspector: Steve Mossor
 Permit Issued: 12/03/02
 Well work Commenced: 12/11/02
 Well work Completed: 12/13/02
 Verbal plugging permission granted on:
 Rotary Cable Rig
 Total Depth (feet) 3626' MD
 Fresh water depths (ft) NA
 Salt water depths (ft) NA
 Is coal being mined in area (Y/N) N
 Coal Depths (ft): 1190'-1223'

Operator Well No.: L. S. HOYT 109
 Quadrangle: PINE GROVE
 County: WETZEL
 39 Deg 37 Min 30 Sec.
 80 Deg 37 Min 30 Sec.

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
8 5/8"	1270'	1270'	545 sks
4 1/2"	3485.95'	3485.95'	275 sks
			

OPEN FLOW DATA * water injection well drilled directionally S 33-56W 759' to bottom hole location

Producing formation	Gordon	Pay zone depth (ft)	3424'-3437'
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: EAST RESOURCES, INC.
 By: *[Signature]*
 Date: 12/13/02

JAN 7 2003

NET 1717

Treatment :

Treated Gordon Perfs 3430'-3436' w/250 gals 15% HCl, 350 bbls cross linked gelled water and 20,600 # 20/40 sand

Well Log :

See original record

RECEIVED
WV Division of
Environmental Protection

NOV 19 1996

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

Permitting
Office of Oil & Gas

Well Operator's Report of Well Work

Farm name: Dallison Lumber Company, Operator Well No.: L.S. Hoyt #109

LOCATION: Elevation: 1,314.00 Quadrangle: Pine Grove
District: Center County: Wetzel
Latitude: 3,050 Feet south of 39 Deg 37 Min 30 Sec.
Longitude: 4,550 Feet west of 80 Deg 37 Min 30 Sec.

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

Agent: PHILIP S. ONDRUSEK

Inspector: Randal Mick

Permit Issued: 8/19/96

Well work Commenced: 10/10/96

Well work Completed: 11/1/96

Verbal plugging

permission granted on:

Rotary X Cable Rig

Total Depth (feet) 3626' MD

Fresh water depths (ft) NA

Salt water depths (ft) NA

Is coal being mined in area (Y/N) N

Coal Depths (ft): 1190-1223

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
8-5/8"	1270'	1270'	545 Sacks
4 1/2"	3485.95'	3485.95'	275 Sacks

OPEN FLOW DATA

*Well was drilled as a waterflood injection well. No open-flow data was obtained
Note: Well was drilled directionally S33-56W 759' to bottom hole location.

Producing formation Gordon Pay zone depth (ft) 3424-3437

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: 11/12/96

NOV 28 1996

Treatment:

Perforations: 3430-3436 -4 holes/ft. (24 holes)
Treatment: Treated via 4.5" Casing with 300 gals. 15% HCl, 216 bbls.
Borate cross-linked gelled water and 14,000 lbs. of 20/40 sand.

Well Log:

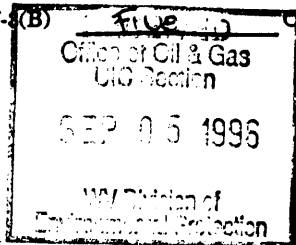
Note: Well was drilled directionally S33-56W 759' to bottom hole location.
All depths given below are measured depths.

Sand	0 - 8
Shale	8 - 138
Sand	138 - 176
Shale	176 - 310
Sand	310 - 358
Sand & Shale	358 - 1190
Coal	1190 - 1223
Shale	1223 - 1360
Sand	1360 - 1392
Shale	1392 - 1438
Sand	1438 - 1446
Shale	1446 - 1497
Sand	1497 - 1512
Shale	1512 - 1580
Sand	1580 - 1592
Shale	1592 - 1694
Sand	1694 - 1735
Shale	1735 - 1880
Sand	1880 - 1908
Shale	1908 - 1920
Sand	1920 - 1940
Shale	1940 - 1974
Sand	1974 - 1990
Shale	1990 - 2116
Sand	2116 - 2132
Shale	2132 - 2184
Sand	2184 - 2228
Shale	2228 - 2302
Sand	2302 - 2357
Shale	2357 - 2408

Well Log (Con't.):

L. Lime	2408 - 2422
Shale	2422 - 2438
B. Lime	2438 - 2534
B Injun	2534 - 2788
Shale	2788 - 3160
Sand	3160 - 3168
Shale	3168 - 3176
Sand	3176 - 3182
Shale	3182 - 3194
Sand	3194 - 3202
Shale	3202 - 3392
Gordon Stray	3392 - 3416
Shale	3416 - 3424
Gordon	3424 - 3437
Shale	3437 - 3626

Obverse
10/91



1) Date August 29, 1996
 2) Well No. L.S. Hoyt No.109
 3) SIC Code _____
 4) API Well No. 47 - 103 - 1717-LI
 State County Permit
 5) UIC Code _____

Issued 10/02/96

22665

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

Expires 10/02/98

DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

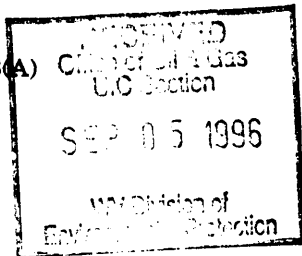
- WELL TYPE: Liquid Injection Gas Injection _____ Waste Disposal _____
- LOCATION: Elevation 1314 ^① Watershed Little Fishing Creek 548
 District Center County Wetzel Quadrangle _____ Pine Grove _____
- 8) WELL OPERATOR: Pennzoil Products Company 4670 9) DESIGNATED AGENT: Philip S. Ondrusek
P.O. Box 5519 P.O. Box 5519
Vienna, WV 26105 Vienna, WV 26105
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED: Name Randal Mick 11) DRILLING CONTRACTOR: Name _____
 Address 111 Blackshere Drive Address _____
Mannington, WV 26582
- 12) PROPOSED WELL WORK: Drill Drill Deeper _____ Redrill _____ Stimulate
 Note: Well will be drilled Plug Off Old Formation Perforate New Formation Convert
 Directionally S32W 80' Other Physical Change in Well (specify) _____
- 13) Geological target formation Gordon 419 Depth 3402 MD Ft. (Top) to 3417 MD Ft. (Bottom)
- 14) Estimated depth of completed well (or actual depth of existing well) 3500 MD Ft.
- 15) Approximate water strata depths: Fresh 494 Ft. Salt 1614 Ft.
- 16) Approximate coal seam depths: 1114 Ft.
- 17) Is coal being mined in the area? Yes No
- 18) Virgin reservoir pressure in target formation: 1400 psig. Source Estimated
- 19) Estimated reservoir fracture pressure: 3500 psig.
- 20) Maximum proposed injection operations: Volume per hour 25 bbl Bottom Hole Pressure 2332 psig.
- 21) Detailed identification of materials to be injected, including additives: Fresh water, produced water, bactericides and other chemicals as needed to maintain water quality and improve oil recovery.
- 22) Filters (if any): Cartridge filters and/or coal bed filters
- 23) Specifications for cathodic protection and other corrosion control: _____

24) CASING AND TUBING PROGRAM:

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILLUP OR SACKS	PACKERS
	Size	Grade	Weight	New	Used	For Drilling	Left in Well		
Conductor									Kinds
Fresh Water	8 5/8"	L.S.	20#	X		1315	1315	Cement To	
Coal								Surface	Sizes
Intermediate									
Production	4 1/2"	J-55	10.5#	X		3500 MD	3500 MD	Cement Over	Depths Set
Tubing								Salt Sand	
Liners									Perforations
									Top Bottom

25) APPLICANTS OPERATING RIGHTS were acquired from L.S. Hoyt et al.
 by Deed _____ Lease Other Contract _____ Dated Jan. 6, 1902 of record in the
Wetzel County Clerk's Office in Lease Book 76 at Page 300

FORM WW-3(A)
Obverse



1) Date August 29, 1996
2) Well No. L.S. Hoyt No.109
3) SIC Code _____
4) API Well No. 47 - 103 - 1717-01
State County Permit

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

(i) Name Dallison Lumber Inc.
Address Route 2, Box 50
Jacksonburg, WV 26377
(ii) Name Delbert E. Rush
Address H.C. 62, Box 63
Pine Grove, WV 26419
(iii) Name _____
Address _____

7 (i) COAL OPERATOR:

Name N/A
Address _____

7 (ii) COAL OWNER WITH DECLARATION ON RECORD:

Name DUPECH, Inc.
Address 6451 Pleasant St.
Library, PA 15129

7(iii) COAL LESSEE WITH DECLARATION ON RECORD:

Name N/A
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 _____

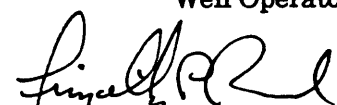
THE REASON YOU RECEIVED THESE DOCUMENTS IS THAT YOU HAVE RIGHTS REGARDING THE APPLICATION WHICH ARE SUMMARIZED IN THE "INSTRUCTIONS" ON THE REVERSE SIDE OF THE COPY OF THE APPLICATION (FORM WW-3(B)) DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.

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
Its Supervisor, Surveying/Mapping

Telephone (304) 422-6565