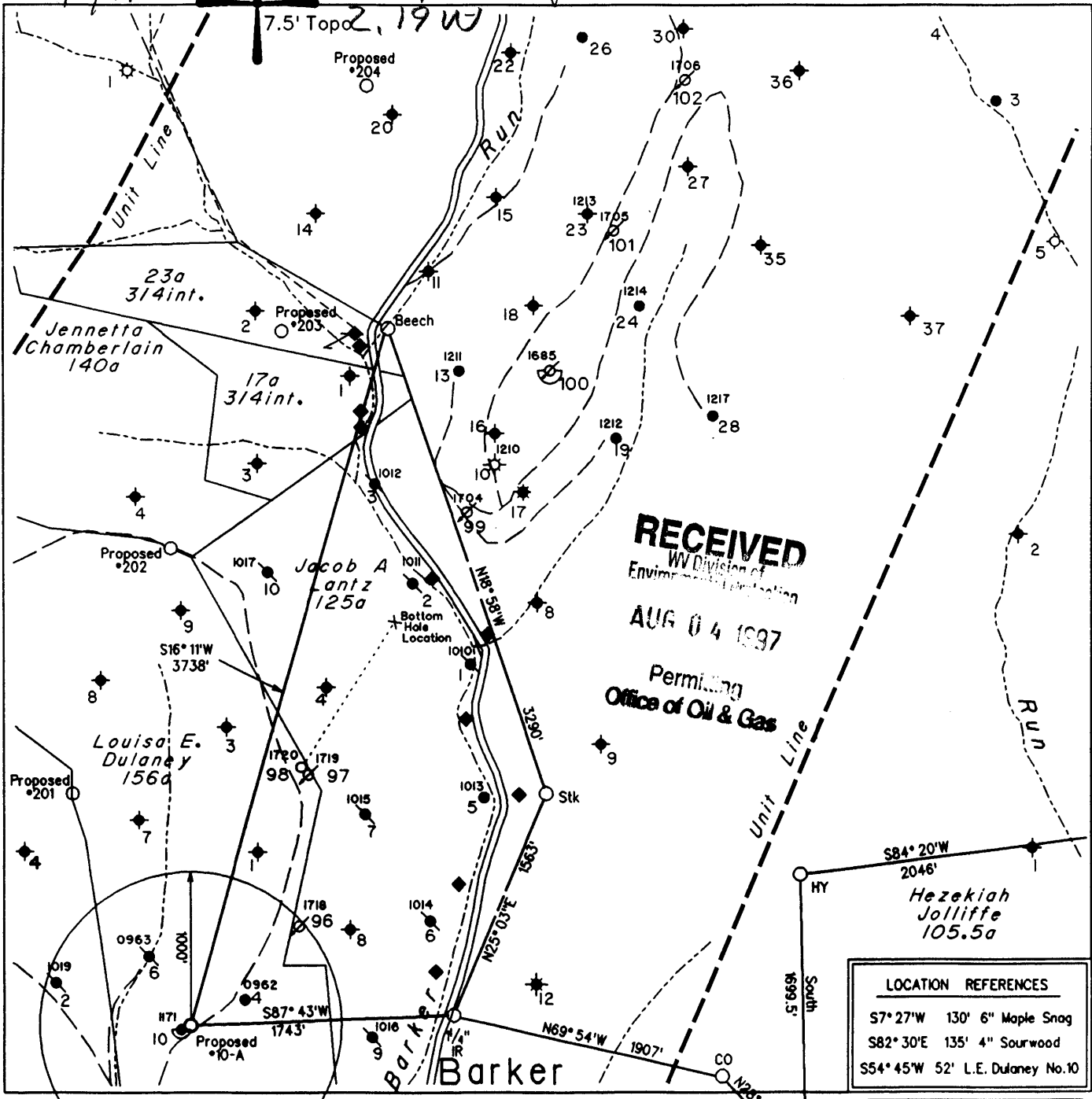


GS 8/6/97

11,550'

LATITUDE 39° 35' 00"

LONGITUDE 80° 37' 30"



LOCATION REFERENCES	
S7° 27'W	130' 6" Maple Snag
S82° 30'E	135' 4" Sourwood
S54° 45'W	52' L.E. Dulaney No.10

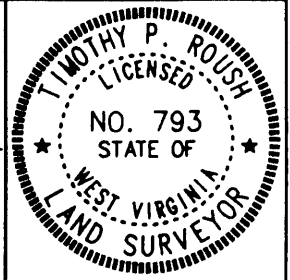
Note: All Known Water Supply Sources Located Within 1000' Of Proposed Well Are Shown

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

FILE NO. _____
 MAP NO. N68 N 10 S E W 3
 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 July 30, 19 97
 FARM L.E. Dulaney NO. 10-A
 API WELL NO. 47-103-01749-5

WELL TYPE: OIL ___ GAS ___ LIQUID INJECTION X WASTE DISPOSAL ___
 (IF "GAS") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW ___
 LOCATION: ELEVATION 1012' WATERSHED North Fork of Fishing Creek
 DISTRICT Grant COUNTY Wetzel
 QUADRANGLE Pine Grove

SURFACE OWNER Paul Able ACREAGE 128.5 Ac.
 OIL & GAS ROYALTY OWNER Robert B. Myers LEASE ACREAGE 156 Ac.
 LEASE NO. 31950-50

PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION Gordon ESTIMATED DEPTH 2920'
 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

FORM IV-6

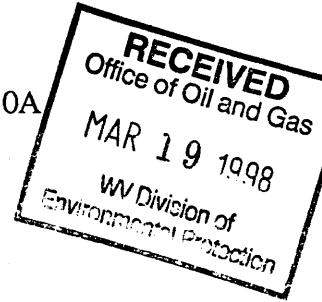
8-0 40 SEP 22 1997

WR-35

21-Aug-97
API # 47 103 1749

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

Well Operator's Report of Well Work



Farm name: Able, Paul etal Operator Well No.: L.E. Dulaney #10A

LOCATION: Elevation: 1,012.00 Quadrangle: Pine Grove
District: Grant County: Wetzel
Latitude: 550 Feet south of 39 Deg 35 Min 0 Sec.
Longitude: 11,550 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: 8/21/97
Well work Commenced: 8/26/97
Well work Completed: 10/10/97

Verbal plugging permission granted on:
Rotary X Cable _____ Rig _____

Total Depth (feet) 2985'

Fresh water depths (ft) NA

Salt water depths (ft) NA

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

Coal Depths (ft): N

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
8-5/8"	886'	886'	390 Sacks
4 1/2"	2927.00'	2927.00'	140 Sacks

OPEN FLOW DATA

*Well was drilled as a waterflood injection well. No open-flow data was obtained

Producing formation Gordon Pay zone depth (ft) 2,854
 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: 3/16/98

MAR 18 1998

Treatment :

Perforated Gordon sand with 16 holes from 2858'-2862' K.B. Fractured with 300 gals 15% HCL and 194 bbls gelled water and 11,000 lbs. 20/40 sand

Well Log :

All depth are relative to K.B.

0	540 Sand and Shale
540	596 sand
596	614 Shale
614	890 sand
890	1288 Shale
1288	1312 sand
1312	1370 Shale
1370	1496 sand
1496	1594 Shale
1594	1688 sand
1688	1732 Shale
1732	1766 sand
1766	1796 Shale
1796	1808 sand
1808	1954 Shale
1954	2114 Big Lime
2114	2154 Shale
2154	2258 Big Injun
2258	2822 Shale
2822	2842 Gordon Stray
2842	2854 Shale
2854	2865 Gordon
2865	2985 Shale

1) Date July 30, 1997
2) Well No. L.E. Dulaney No.10-A
3) SIC Code _____
4) API Well No. 47 - 103 - 1749-L1
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

RECEIVED
Division of Environmental Protection
AUG 04 1997

6) SURFACE OWNER(S) OF RECORD TO BE SERVED

(i) Name Paul Able
Address P.O Box 5213
Takoma, MD 20913

(ii) Name Herbert & Hester Slaughter
Address HC 62, Box 16
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 _____

Permitting
Office of Oil & Gas

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.

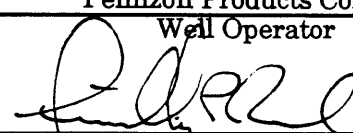
The date proposed for the first injection or waste disposal is _____

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
Supervisor, Surveying/Mapping
Telephone (304) 422-6565