

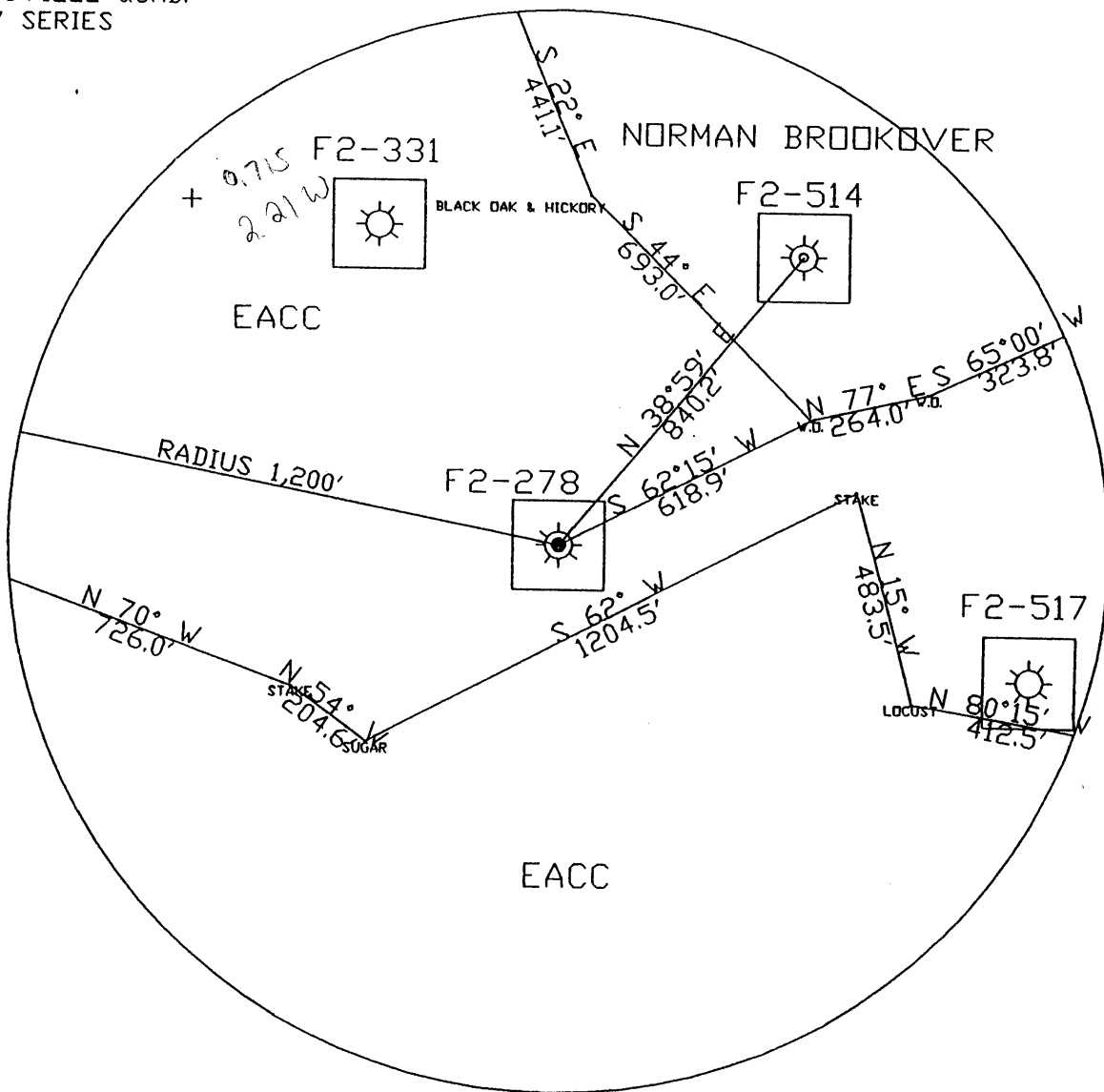
LATITUDE 39° 40' 00"

11,650'

3,775'

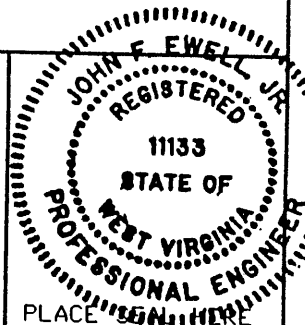
LONGITUDE 80° 12' 30"

TOPO. LOC.
BLACKSVILLE QUAD.
7 1/2' SERIES



FILE NO. N/A
 DRAWING NO. F2-278 PLUG
 SCALE 1"=400'
 MINIMUM DEGREE OF ACCURACY 1/2500'
 PROVEN SOURCE OF ELEVATION USGS B.M.

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) John F. Ewell, Jr.
 R.P.E. 11133 L.L.S.



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

DATE May 14, 2003
 OPERATOR'S WELL NO F2-278
 API WELL NO.

FORM IV-6.

47-061-00092P
 STATE COUNTY PERMIT

(8-78)

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
 OIL AND GAS DIVISION

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF 'GAS', PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW ___)
 LOCATION: ELEVATION 1,380' WATERSHED MIRACLE RUN
 DISTRICT BATTELLE COUNTY MONONGALIA
 QUADRANGLE BLACKSVILLE
 SURFACE OWNER EASTERN ASSOCIATED COAL CORP. ACREAGE 153
 OIL & GAS ROYALTY OWNER UNKNOWN LEASE ACREAGE ___
 LEASE NO. ___
 PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL X FRACTURE OR
 STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW
 FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) ___

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG X
 TARGET FORMATION BAYARD SAND ESTIMATED DEPTH 3,100'
 WELL OPERATOR EASTERN ASSOC. COAL CORP. DESIGNATED AGENT EDWARD Y. HOY
 ADDRESS 1044 MIRACLE RUN ROAD ADDRESS 1044 MIRACLE RUN ROAD
FAIRVIEW WV. 26570 FAIRVIEW WV. 26570

AUG 01 2003

MWD 0092-P

LATITUDE

39°40'

51°08'

LONGITUDE

7.5 OGIS topo location

7.5' loc	<u>0.91S</u>	15' loc	<u>0.11 S</u>
	<u>0.03W</u>	(calc.)	<u>0.03 W</u>

Company _____

Farm _____ 5 _____

Quad Wadestown 7.5' Mannington EC

County _____

District Battelle

WELL LOCATION MAP

File No. 061-92

plugged 4/24/92

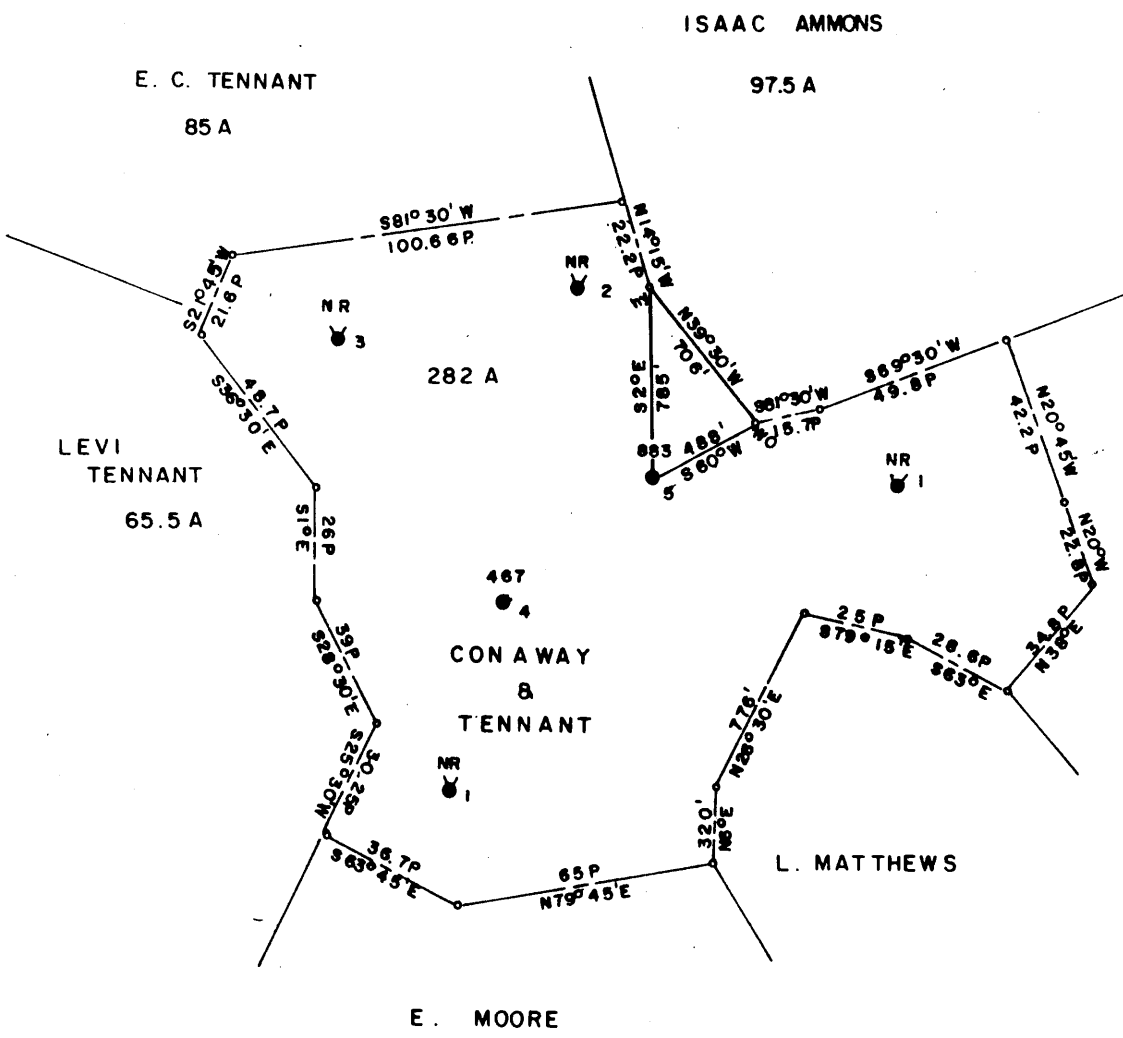
6-6 orig
6-6 deepening

(059)

107

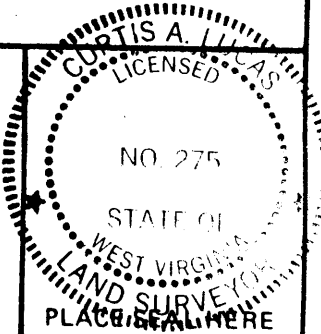
Jamie
2/26/92

NORTH



FILE NO. _____
 MAP N71E S04 N14E 20
 SCALE 1" = 800
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION PENNZOIL CO. RECORDS

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) Curtis A. Lucas
 CURTIS A. LUCAS LLS 275



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



DATE JAN 28, 19 92
 FARM CONAWAY & TENNANT NO. 5
 API WELL NO. 47-061-0092P
 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 1374 WATER SHED MIRACLE RUN
 DISTRICT BATTELLE COUNTY MONONGALIA
 QUADRANGLE WADESTOWN
 SURFACE OWNER EASTERN ASSOCIATED COAL CORP ACREAGE _____
 OIL & GAS ROYALTY OWNER MARGUERITE WILSON AGT LEASE ACREAGE 282
 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 GORDON ESTIMATED DEPTH 3317 *6-6 (orig + DD) (059)*
 OPERATOR HYDROCARBON WELL SERVICE DESIGNATED AGENT ALVIN SORCAN
 ADDRESS PO DRAWER 976 BUCKHANNON WV 26201
 ADDRESS PO DRAWER 976 BUCKHANNON WV 26201

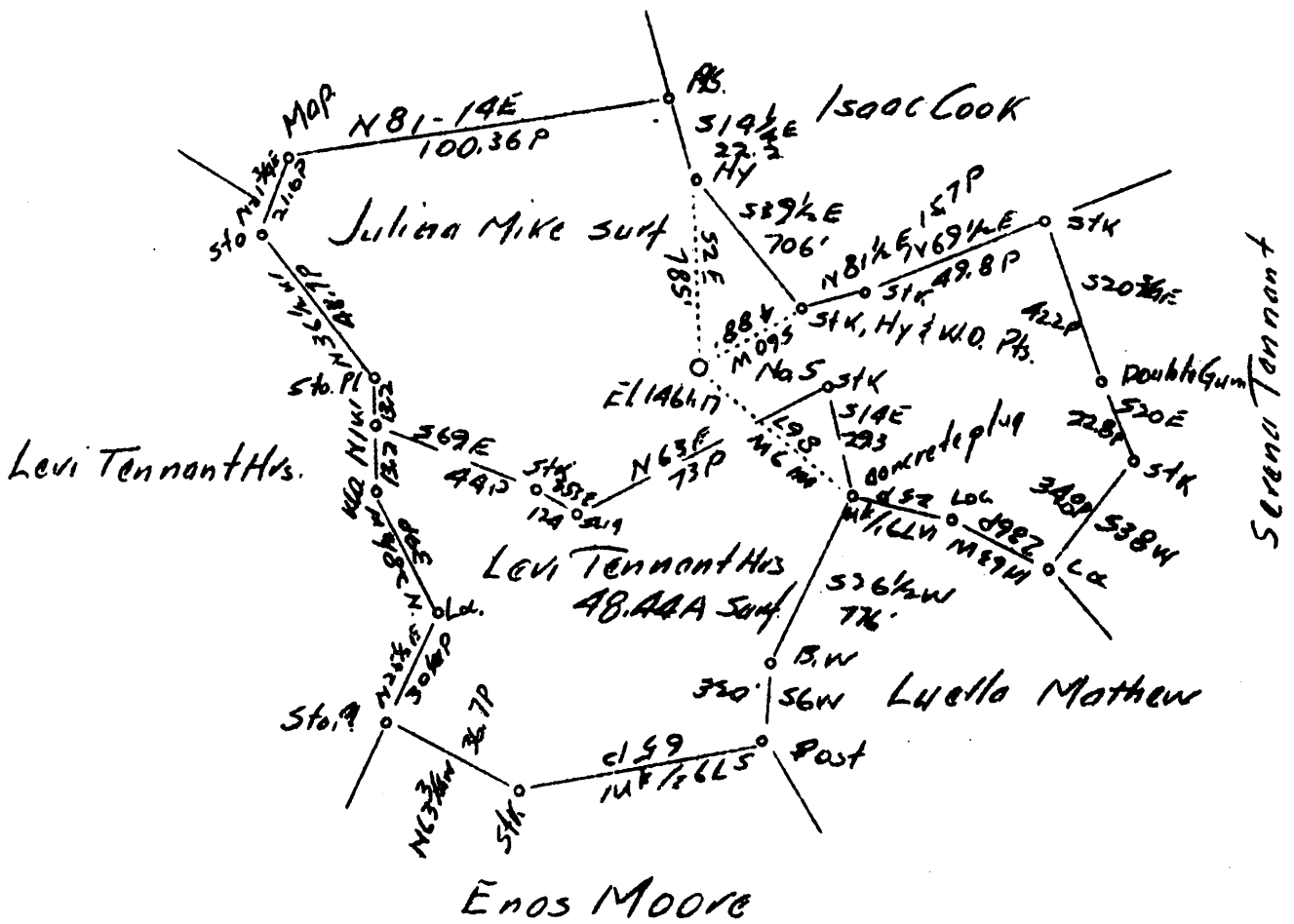
FEB 28 1992

LATITUDE 39° 40'

LONGITUDE 80° 15'

Topo. Location

Coleman Tennant

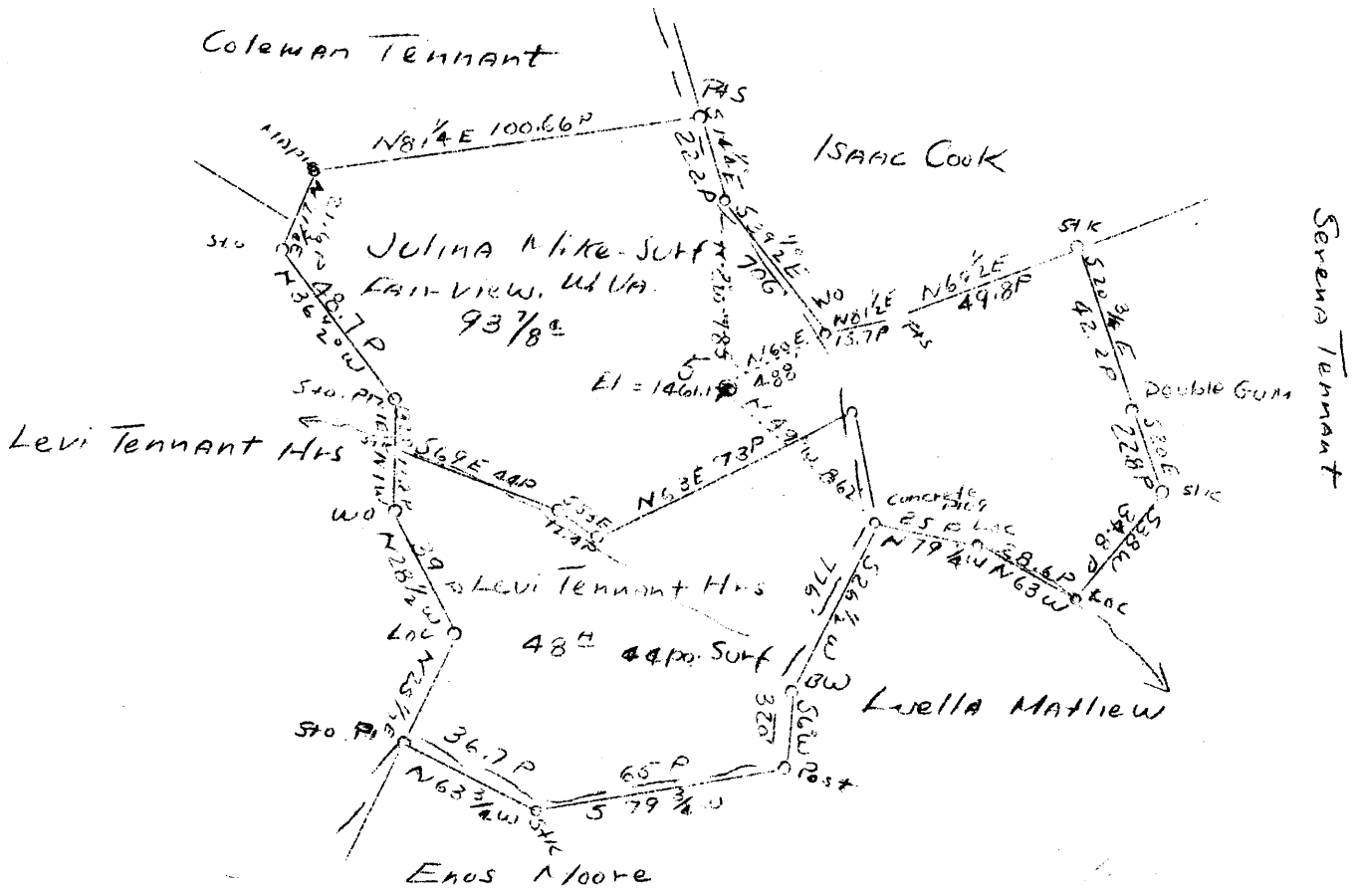


Drilled Deeper

Company	South Penn Oil Co.	STATE OF WEST VIRGINIA Department of Mines OIL AND GAS DIVISION CHARLESTON WELL LOCATION MAP File No. <u>MON-92</u> + 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.
Address	411 Seventh Ave. Pittsburgh, Pa.	
Farm	Conaway & Tennant	
Tract	Acres 282 Lease No. 15017	
Well (Farm) No.	5 Serial No.	
Quadrangle	Mannington	
County	Monongalia	
District	Battelle	
Engineer	E.C. Tabler	
Engineer's Registration No.		
File No.	Drawing No.	
Date	June 16, 1937 Scale 1"-800'	

LATITUDE 39° 40'

LONGITUDE 80° 15'



Coal owned by Davis Coal & Coke Co.
Baltimore, Md.

Well to be plugged back to Gordon sand

Company	South Penn Oil Co.
Address	411 Seventh Ave., Pittsburgh, Pa.
Farm	Conaway & Tennant
Tract	Acres 282 Lease No. 15017
Well (Farm) No.	5 Serial No.
Quadrangle	Mannington FC
County	Monongalia
District	Battelle
Engineer	E.C. Tabler
Engineer's Registration No.	
File No.	Drawing No.
Date	June 16, 1937 Scale 1"=300'

STATE OF WEST VIRGINIA
Department of Mines
OIL AND GAS DIVISION
CHARLESTON

WELL LOCATION MAP

File No. MON 92 D

+ 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.

WEST VIRGINIA DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD
DRILLED DEEPER

Permit No. MON-92

Oil or Gas Well (Kind) Very small Gas

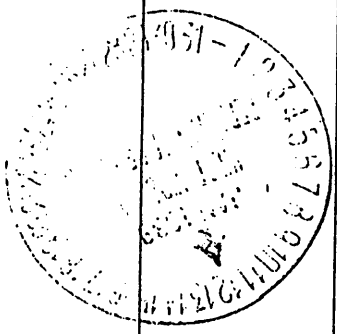
Company SOUTH PENN OIL COMPANY
 Address 411 Seventh Ave., Pittsburgh, Pa.
 Farm Conaway & Tennant Acres 282
 Location (waters) Days Run
 Well No. 5 Elev. 1461.17
 District Battelle County Monongalia
 The surface of tract is owned in fee by Julina Mike
RFD No. 1 Address Fairview, W. Va.
 Mineral rights are owned by John D. Tennant et al
R.D. No. 4 Address Fairview, W. Va.
 Drilling commenced deeper November 18, 1937
 Drilling completed deeper December 1, 1937
 Date shot Dec. 28, 1937 Depth of shot 3476-84
 Open Flow /10ths Water in .8 water 1 1/4" Orf Inch
/10ths Merc. in Inch
 Volume 36,089 Cu. Ft.
 Rock Pressure - lbs. - hrs.
 Oil - bbls., 1st 24 hrs.
 Fresh water - feet - feet
 Salt water - feet - feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16.			
13.			
10.			Size of
8 3/4.			
6 5/8.			Depth set.
5 3/16.			
3.			Perf. top.
2.			Perf. bottom.
Liners Used			Perf. top.
			Perf. bottom.

CASING CEMENTED..... SIZE..... No. FT..... Date.....
 COAL WAS ENCOUNTERED AT..... FEET..... INCHES.....
 FEET..... INCHES..... FEET..... INCHES.....
 FEET..... INCHES..... FEET..... INCHES.....

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Commenced drilling		deeper		3317			
Gordon				3322			
Slate			3322	3325			
Fourth Sand			3325	3355			
Lime & Slate			3355	3477			
Lime Shell			3477	3478 1/2			
Fifth			3478 1/2	3481 1/2			
Slate & Lime			3481 1/2	3570	Gas	3478 1/2	
Total Depth				3570			
				3317			
				253			
				new ftg.			

PO B. FILLED BACK TO GORDON SAND.



over -> orig.

WEST VIRGINIA DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Permit No. 92

Oil or Gas Well OIL
(Kind)

Company SOUTH PENN OIL COMPANY
Address C. of C. Bldg., Pittsburgh, Pa.
Farm Conaway & Tennant Acres 282
Location (waters) Days Run
Well No. 5 Elev. 1461.17
District Battelle County Monongalia
The surface of tract is owned in fee by Julina Mike
R. F. D. No. 1, Address Fairview, W. Va.
Mineral rights are owned by John D. Tennant
R. No. 4, Address Fairview, W. Va.
Drilling commenced Feb. 15, 1900
Drilling completed July 5, 1900
Date shot Nov. 8, 1901 - 7 Depth of shot ?
Open Flow /10ths Water in - Inch
/10ths Merc. in - Inch
Volume - Cu. Ft.
Rock Pressure - lbs. - hrs.
Oil ? bbls., 1st 24 hrs.
Fresh water - feet - feet
Salt water - feet - feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer <u>-</u>
13			<u>-</u>
10	<u>240 (Pulled)</u>		Size of <u>-</u>
8 1/4	<u>1450</u>		<u>-</u>
6 5/8	<u>2090</u>		Depth set <u>-</u>
5 3/16	<u>2490</u>		<u>-</u>
3			Perf. top <u>-</u>
2			Perf. bottom <u>-</u>
Liners Used			Perf. top <u>-</u>
			Perf. bottom <u>-</u>

CASING CEMENTED - SIZE - No. FT. - Date -
COAL WAS ENCOUNTERED AT - FEET - INCHES
- FEET - INCHES - FEET - INCHES
- FEET - INCHES - FEET - INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Pittsburgh Coal			1070				
Big Injun Sand			2370	2490			
Fifty Foot Sand			2990	3040			
Stray Sand			3240	3280			
Gordon			3300		1st Pay	3303	
Total Depth				3317			



over-deepening

26-Feb-92
Office of Oil & Gas

API # 47- 61-00092-P

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
SECTION OF OIL AND GAS

MAY 13 1992

WV Division of
Environmental Protection

AFFIDAVIT OF PLUGGING AND FILLING WELL

THIS AFFIDAVIT SHOULD BE IN TRIPLICATE, one copy mailed to the Division, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

Farm name: EASTERN ASSOC. COAL CO Operator Well No.: TENNANT 5

LOCATION: Elevation: 1374.00 Quadrangle: WADESTOWN
District: BATTELLE County: MONONGALIA
Latitude: 3875 Feet South of 39 Deg. 40 Min. 0 Sec.
Longitude 125 Feet West of 80 Deg. 15 Min. 0 Sec.

Well Type: OIL X GAS _____

Company: Hydrocarbon Well Service, Inc.
P O Drawer 976
Buckhannon WV 26201

Coal Operator Eastern Associated Coal Co.
or Owner Rt 1 Box 144
Fairview WV 26570

Agent: Alvin Sorcan

Coal Operator _____
or Owner _____

Permit Issued: 02/26/92

STATE OF WEST VIRGINIA,
County of Upshur

AFFIDAVIT

ss:

Mark Cogar and Alvin Sorcan being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by the above named well operator, and participated in the work of plugging and filling the above well, and Randal Mick Oil and Gas Inspector representing the Director, say that said work was commenced on the 7th day of April, 1992, and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
cement	3304	2950	7" 350	1740
6% gel	2950	2500	5" 1890	600
cement	2500	2300	4" 2480	0
6% gel	2300	1950	2" 3300	0
cement	1950	1850		
6% gel	1850	1450		
cement	1450	1350		
6% gel	1350	1120		
cement	1120	970		
6% gel	970	350		
cement	350	250		
6% gel	250	150		
cement	150	surface		

Coal has been mined in this area.

WJ 5/20/92

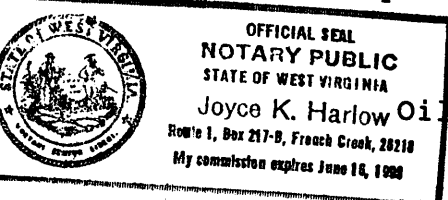
Description of monument: 6" set 3 feet out of the ground with API and that the work of plugging and filling said well was completed on the 24th day of April, 1992.

And further deponents saith not.

Mark Cogar
Alvin Sorcan MAY 20 1992
day of May, 1992

Sworn and subscribe before me this 5
My commission expires: June 16, 1993

Joyce K. Harlow
Notary Public
Randal Mick



Oil and Gas Inspector: