

39° 40' 00"

10700'

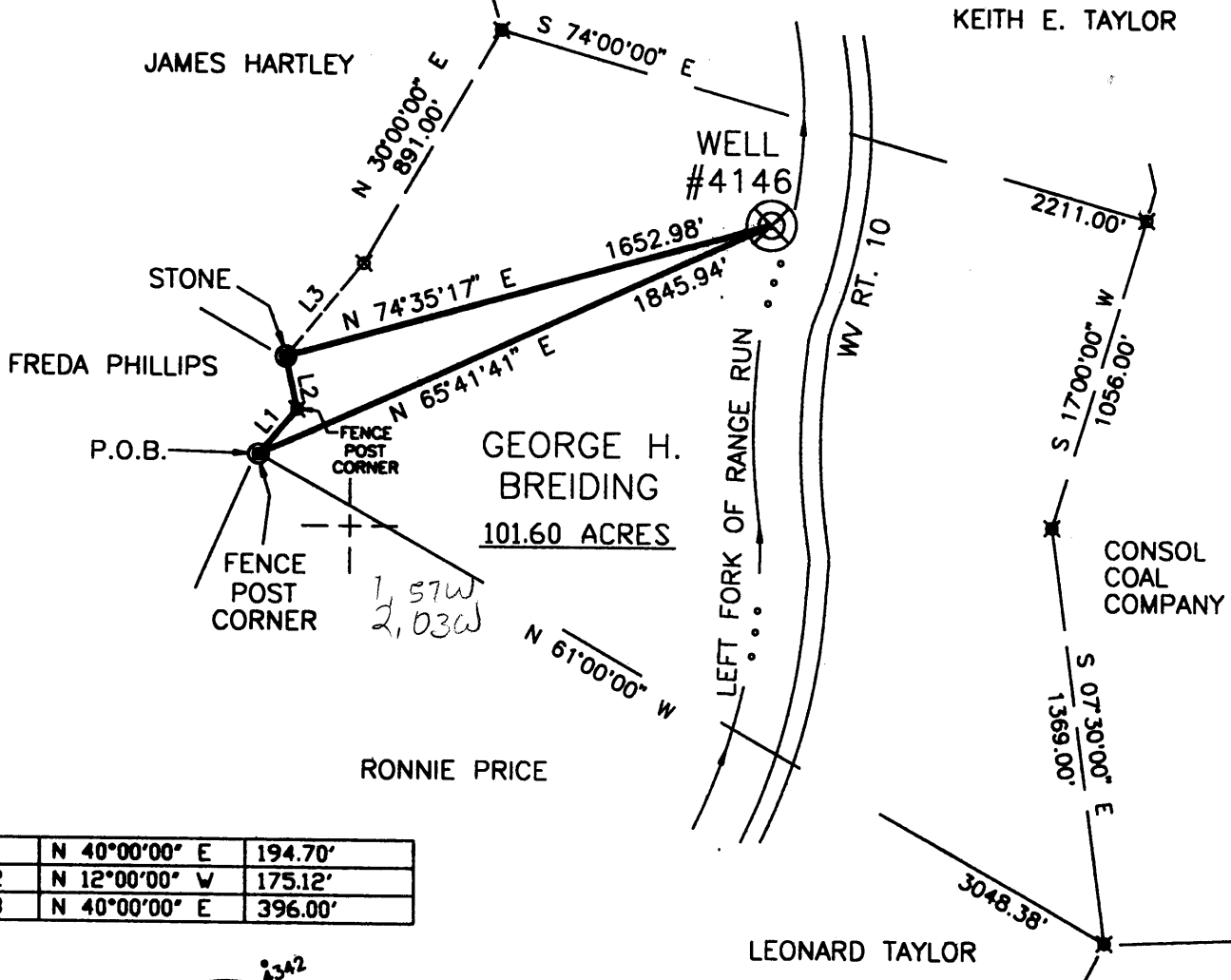
LATITUDE

LONGITUDE

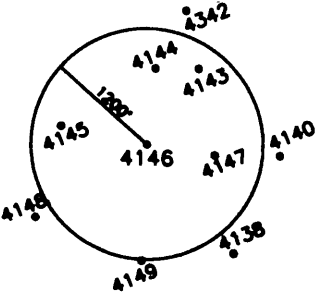
8300'

80' 17' 30"

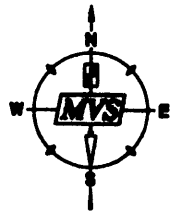
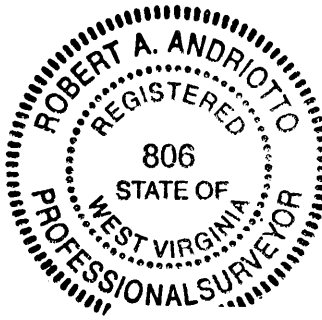
NORTH



L1	N 40°00'00" E	194.70'
L2	N 12°00'00" W	175.12'
L3	N 40°00'00" E	396.00'



James
2/9/98



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 ENERGY.

P.S. 806 *Robert A. Andriotto*

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

DATE DECEMBER 16, 19 97

OPERATORS WELL NO. 4146

API WELL NO. 47 - 61 - 01301

STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. _____
 PROVEN SOURCE OF ELEVATION SCALE 1" = 600'
COMPANY NETWORK TIED INTO U.S.G.S.

WEST VIRGINIA
 DIVISION OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL AND GAS
 #10 McJUNKIN ROAD
 NITRO, WEST VIRGINIA 25143-2506



WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL "GAS" PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 1123.58' WATERSHED LEFT FORK OF RANGE RUN
 DISTRICT BATTELLE COUNTY MONONGALIA QUADRANGLE WADESTOWN, WV, PA

SURFACE OWNER GEORGE H. BREIDING ACREAGE 101.60
 ROYALTY OWNER _____ LEASE ACREAGE was: 661 275

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD

FORMATION _____ PERFORATE NEW FORMATION _____ PLUG AND ABANDON CLEAN OUT AND REPLUG _____ OTHER _____

PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION NONE
 ESTIMATED DEPTH _____

WELL OPERATOR CONSOLIDATION COAL CO. DESIGNATED AGENT ROGER E. DUCKWORTH
 ADDRESS P.O. BOX 100 OSAGE, WV 26543 ADDRESS P.O. BOX 100 OSAGE, WV 26543

COUNTY NAME PERMIT

LATITUDE 39° 40' 00"

80° 17' 30"

LONGITUDE

7.5'

7.5 OGIS topo location

7.5' 10C	<u>1.55S</u>	15' 10C	<u>1.55S</u>
	<u>2.00W</u>	(calc.)	<u>4.22W</u>

Company _____

Farm Samuel Eaton

Quad Wadestown (Mannington EC)

County Monongahela

District Battelle

WELL LOCATION MAP

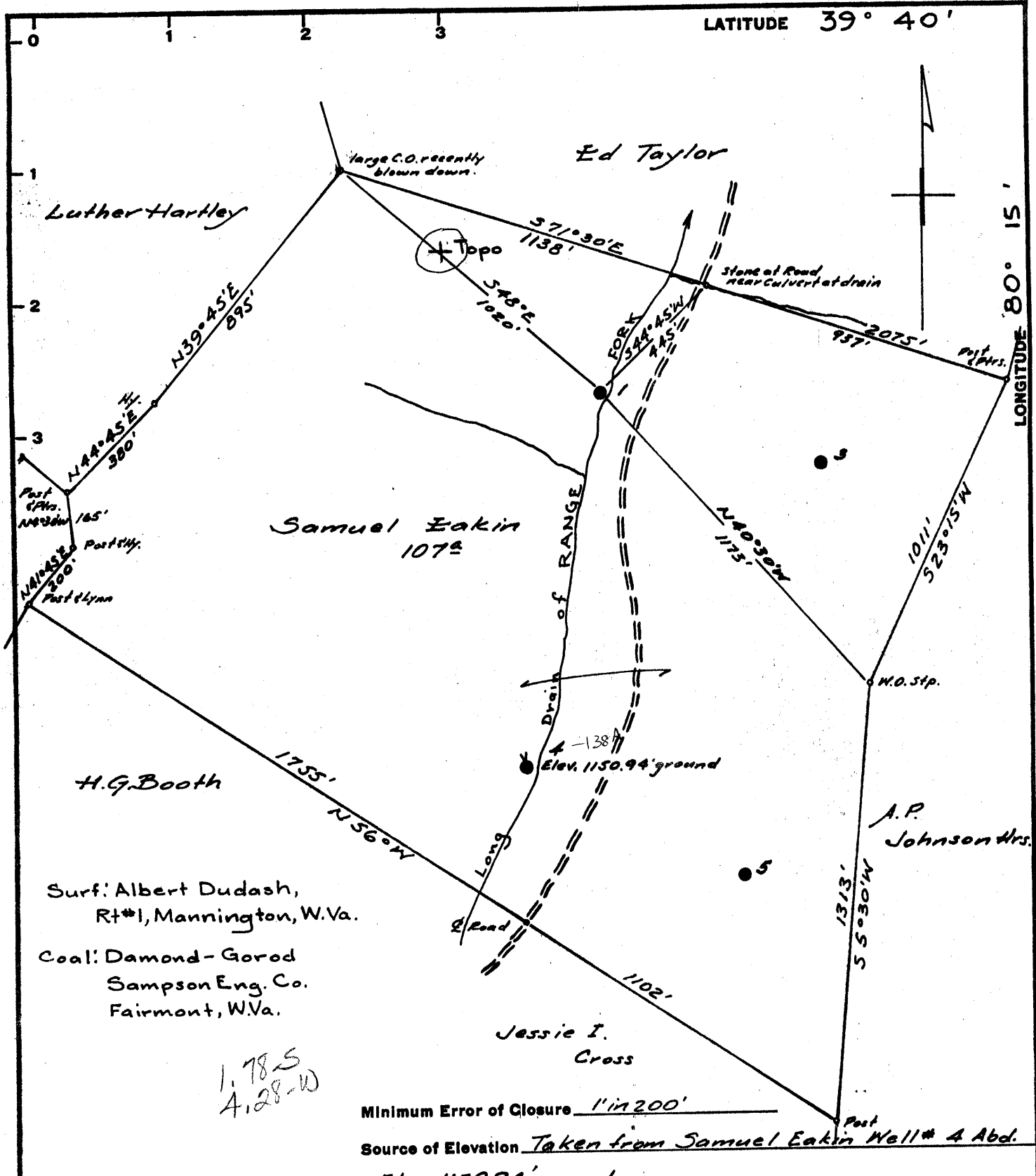
File No. 061-275

well 061 70223

90 in MR CRP

now: 061 1301

OCT 20 1998



Surf: Albert Dudash,
Rt #1, Mannington, W. Va.
Coal: Diamond-Gorod
Sampson Eng. Co.
Fairmont, W. Va.

1.78 S
4.28 W

Minimum Error of Closure 1" in 200'

Source of Elevation Taken from Samuel Eakin Well # 4 Abd.

Elev. 1150.94' ground.

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.

- Fracture
- New Location
- Drill Deeper
- Abandonment

Signed: A. Hillbert
Map No. NT1E Squares: N 13 S E 16-17 W

7-28-70 Abandonment

Allen Brothers Oil Company
Company PENNZOIL COMPANY
Address P.O. Box 1588, Parkersburg, W. Va.
Farm Samuel Eakin
Tract _____ Acres 107 Lease No. 25590
Well (Farm) No. _____ I.P.A. Serial No. _____
Elevation (Spirit Level) 1124.56' ground
Quadrangle MANNINGTON EC
County MONONGALIA District BATTELLE
Engineer A. Hillbert
Engineer's Registration No. 2534
File No. 203 Drawing No. _____
Date Oct. 2, 1964 Scale 1" = 400'

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

WELL LOCATION MAP

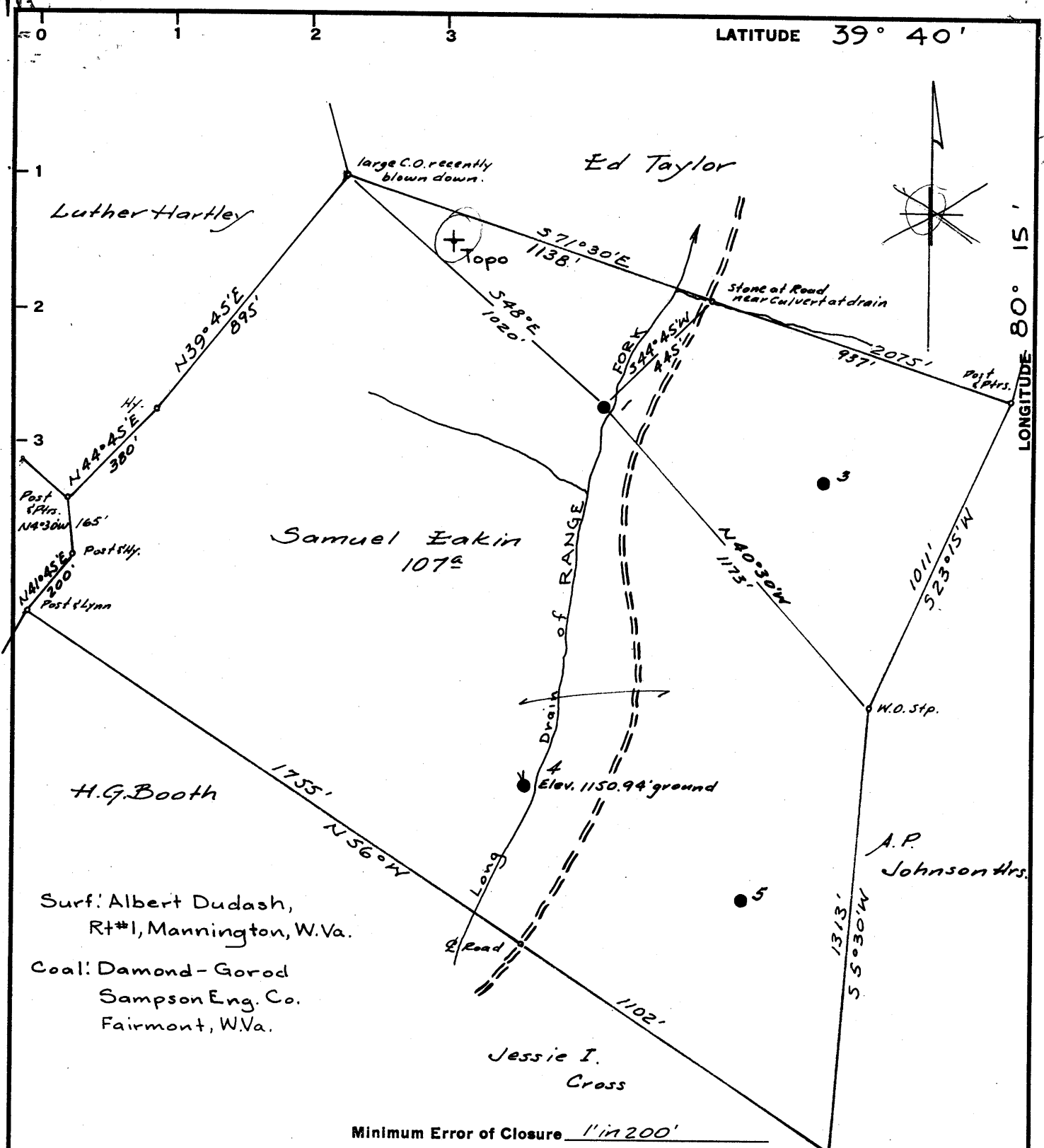
FILE NO. MON-275-FRAC-P
now: 061 (301)

+ 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.

LATITUDE 39° 40'

LONGITUDE 80° 15'



Minimum Error of Closure 1" in 200'

Source of Elevation Taken from Samuel Eakin Well # 4 Abd.

Elev. 1150.94' ground.

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: A.C. Hillbert

Map No. N71E Squares: N 13 S E16-17 W

- Fracture.....
- New Location.....
- Drill Deeper.....
- Abandonment..... Partial

Company PENNZOIL COMPANY
 Address P.O. Box 1588, Parkersburg, W.Va.
 Farm Samuel Eakin
 Tract _____ Acres 107 Lease No. 25590
 Well (Farm) No. 1 P.A. Serial No. _____
 Elevation (Spirit Level) 1124.56' ground
 Quadrangle MANNINGTON - EC
 County MONONGALIA District BATTELLE
 Engineer A.C. Hillbert
 Engineer's Registration No. 2534
 File No. 203 Drawing No. _____
 Date Oct. 2, 1964 Scale 1" = 400'

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

WELL LOCATION MAP

FILE NO. MON-275-FRAC.
NOW 061 1301

+ 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.

6-1-2 (058)

Battelle District, Monongalia County, W. Va.
 2.1 mi. S. 10° E. of Wadestown.
 South Penn Oil Co.
 Elevation, 1125' B.

MON-275-
 4061 1301

	Top.	Bottom.
Conductor	0	16
10" casing		190
Bluff Sand (Waynesburg)	506	560
Waynesburg Coal	560	564
Mapletown (Sewickley) Coal	827	834
Pittsburgh Coal	927	937
Dunkard Sand (8 1/2" casing, 1458')	1434	1444
Sand	1520	1548
Gas Sand (Freeport)	1580	1660
Sand	1740	1752
Salt Sand	1828	1926
Pencil Cave	2124	2130
Big Lime	2130	2220
Unrecorded (water at 2302', in Big Injan)	2220	2344
(Lantz and 50-Ft. Sands (show of gas at 2864'; oil at 2870'; gas, strong, at 2880'))	2844	2960
30-Ft. Sand	3016	3032
Sand and shells	3042	3081
Campbells Run (Gordon) Sand (oil at 3092'; slate, 3104-05'), to bottom	3081	3112



REVISED WELL RECORD

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage

Quadrangle MANNINGTON

Permit No. MON-275 FRAC → 0611301

WELL RECORD

Oil or Gas Well _____ (KIND)

Company PENNZOIL COMPANY
Address P. O. Box 1588, Parkersburg, W. Va.
Farm Eakin, Samuel Acres 107
Location (waters) Long Drain of Range Fork
Well No. 1 Elev. 1124.56'
District Battelle County Monongalia
The surface of tract is owned in fee by Albert Dudash
Route No. 1 Address Mannington, W. Va.
Mineral rights are owned by Albert Dudash
Route No. 1 Address Mannington, W. Va.
Drilling commenced October 26, 1964
Drilling completed March 1, 1965
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10-3/4" 10-3/4"	190'	190'	Size of
8 1/4"	1318'	1318'	
6 5/8"	1974'	1974'	Depth set
5 3/16"			
* 4-1/2"	2329'	2329'	Perf. top 2251-1/2'
2			Perf. bottom 2253'
Liners Used			Perf. top 2273-1/2'
			Perf. bottom 2275'

CASING CEMENTED 4-1/2" SIZE 2329 No. Ft. 2-18-65 Date

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES
_____ FEET _____ INCHES

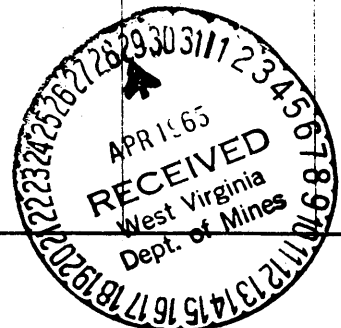
WELL FRACTURED February 25, 1965

RESULT AFTER TREATMENT Gas: 33,362 Cu. Ft. Oil: None

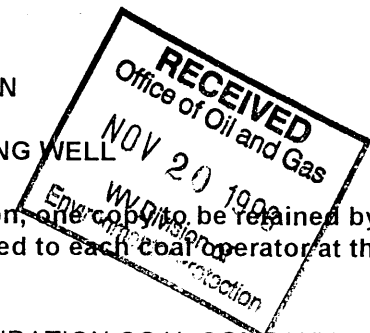
ROCK PRESSURE AFTER TREATMENT 16 Hr. R.P. 325#

Fresh Water _____ Feet Salt Water _____ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Conductor				16'			
Bluff Sand			506	3			
Mapletown			827	8 1/4			
Pitts. Coal			927	937			
Dunkard Sand			1434	1444	→ +198		
Sand			1520	1548			
Gas Sand			1580	1660			
Sand			1740	1752			
Salt Sand			1828	1926			
Pencil Cave			2124	2130			
Big Lime			2130	2220			
Big Injun 3 1/2"			2220				
Water			2302				
Total Depth				2329'			



AFFIDAVIT OF PLUGGING AND FILLING WELL



AFFIDAVIT SHOULD BE MADE 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.

CONSOLIDATION COAL COMPANY
Coal Operator or Owner
P. O. BOX 100, OSAGE, WV 26543
Address
CONSOLIDATION COAL COMPANY
Coal Operator or Owner
P. O. BO 100, OSAGE, WV 26543
Address
GEORGE D. BREIDING
Lease or Property Owner
540 ELMINA ST., MORGANTOWN, WV 26505
Address

CONSOLIDATION COAL COMPANY
Name of Well Operator
P. O. BOX 100, OSAGE, WV 26543
Complete Address
4-20-98 19
WELL LOCATION
BATTELLE District
MONONGALIA County
#4146
WELL NO.
FARM

STATE INSPECTOR SUPERVISING PLUGGING Randee Mick

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of UPSHUR

ss:

KEVIN WRIGHT and DONALD HATFIELD
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 CONSOLIDATION COAL COMPANY well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 26TH day of MARCH (3-26-98) and that the well was plugged in the following manner:

Sand or Zone Record	Filling Material	Plugs Used	Casing Pulled	Casing Left In
Formation		Size & Kind		
CLEANED HOLE WITH 12 1/4" BIT FROM SURFACE TO 92' TOP OF 10 3/4" CASING. REDUCED HOLE TO 9 7/8" AND CLEANED 9 7/8" HOLE FROM 92' TO 145' TOP OF 8 5/8" CASING. REDUCED HOLE TO 7 7/8" AND CLEANED HOLE FROM 145' TO 1,335'. CLEANED OUT SEVERAL CEMENT PLUGS FROM 145' TO 1,335'. PULLED 10 3/4" CASING FROM 92' TO 171'. LEFT 10 3/4" CASING IN HOLE FROM 171' TO 210'. PULLED 8 5/8" CASING FROM 145' TO 1,051'. LEFT 8 5/8" CASING IN HOLE FROM 1,051' TO 1,335'. CLEANED 9 7/8" HOLE THRU PITTSBURGH COAL FROM 941' TO 949'. CEMENTED HOLE SOLID FROM 1,335' BACK TO SURFACE USING 600 SACKS OF POZ MIX AND 180 SACKS OF THIXATROPIC CEMENT. CEMENT DID CIRCULATE. USED 1,000 GALLONS OF MUD FLUSH. SENT CEMENT PLUG FROM 1,335' TO 1,150' WITH POZ MIX. SENT CEMENT PLUG FROM 1,150' TO 850' WITH THIXATROPIC CEMENT. SENT CEMENT PLUG FROM 850' BACK TO SURFACE WITH POZ MIX..				
Coal Seams		Description of Monument		
NAME) PITTSBURGH	1,335 FEET	5' OF 4 1/2" CASING WITH PLAQUE STATING CONSOLIDATION COAL COMPANY WELL #4146 PERMIT #47-61-01301-P		
(Name)				
(Name)				
(Name)				

[Handwritten signature] 12/21/98

and that the work of plugging and filling said well was completed on the 8TH day of April 1998

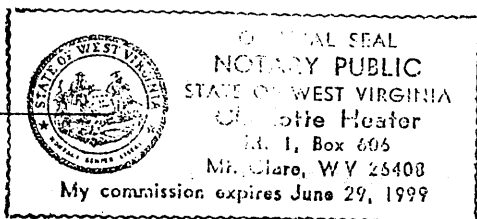
And further deponents saith not.

Kevin S. Wright
Donald L. Hatfield

Sworn to and subscribed before me this 20TH day of April 1998

Charlotte Heater
Notary Public

My commission expires: 6-29-99



Permit No. #47-61-01301-P

DEC 21 1998

MONO 1301 P