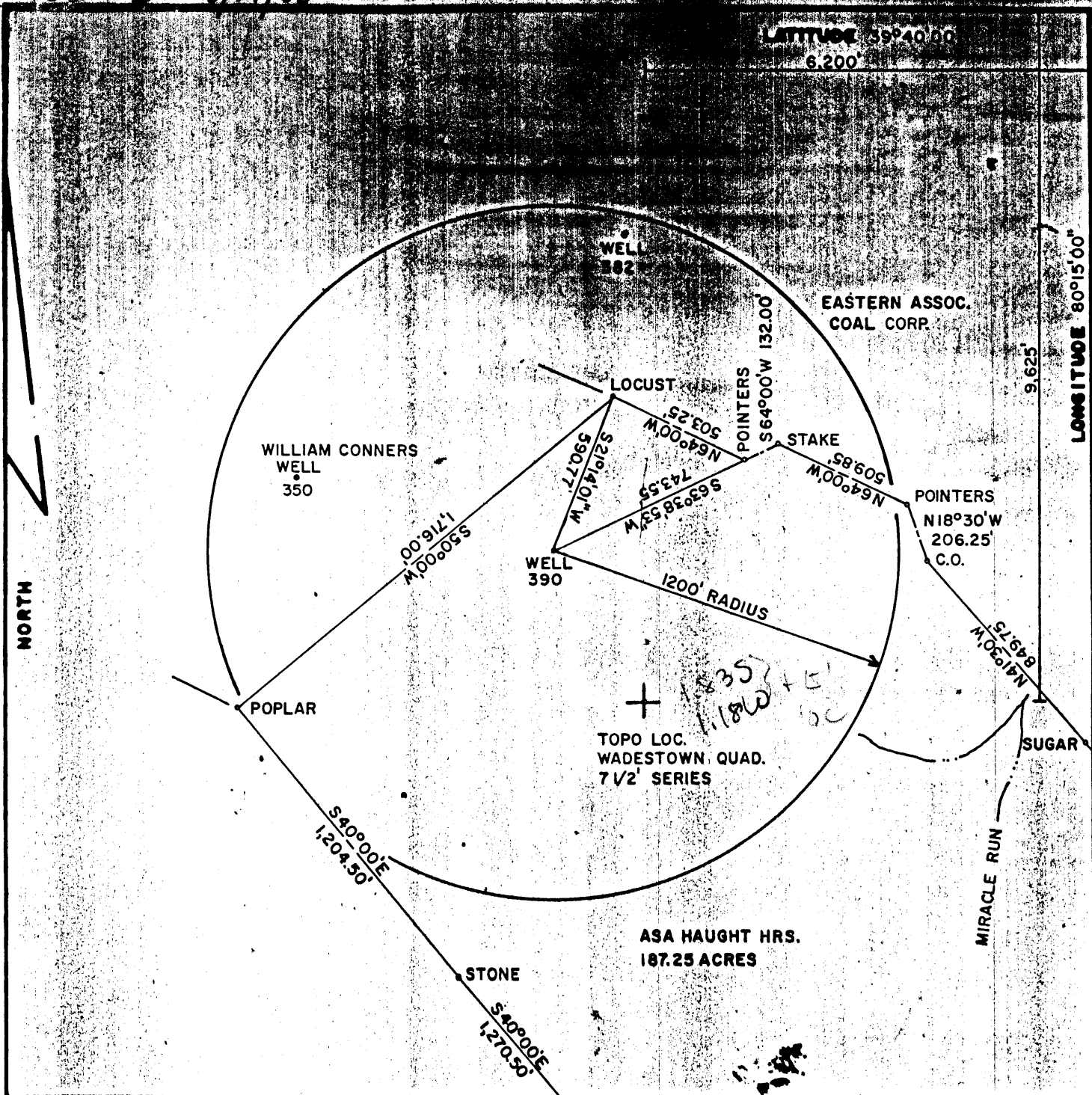
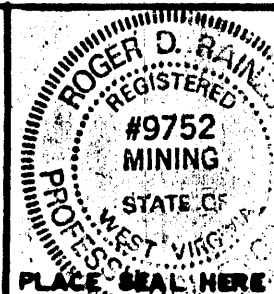


88B 8/19/86



FILE NO. F2-03-155  
 DRAWING NO. F2-2-153  
 SCALE 1"=500'  
 MINIMUM DEGREE OF ACCURACY 1/2500  
 PROVEN SOURCE OF ELEVATION USGS - BM 109 RHP 1957

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) Roger D. Randles 8/18/86  
 R.P.E. 9752 L.L.S. \_\_\_\_\_



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



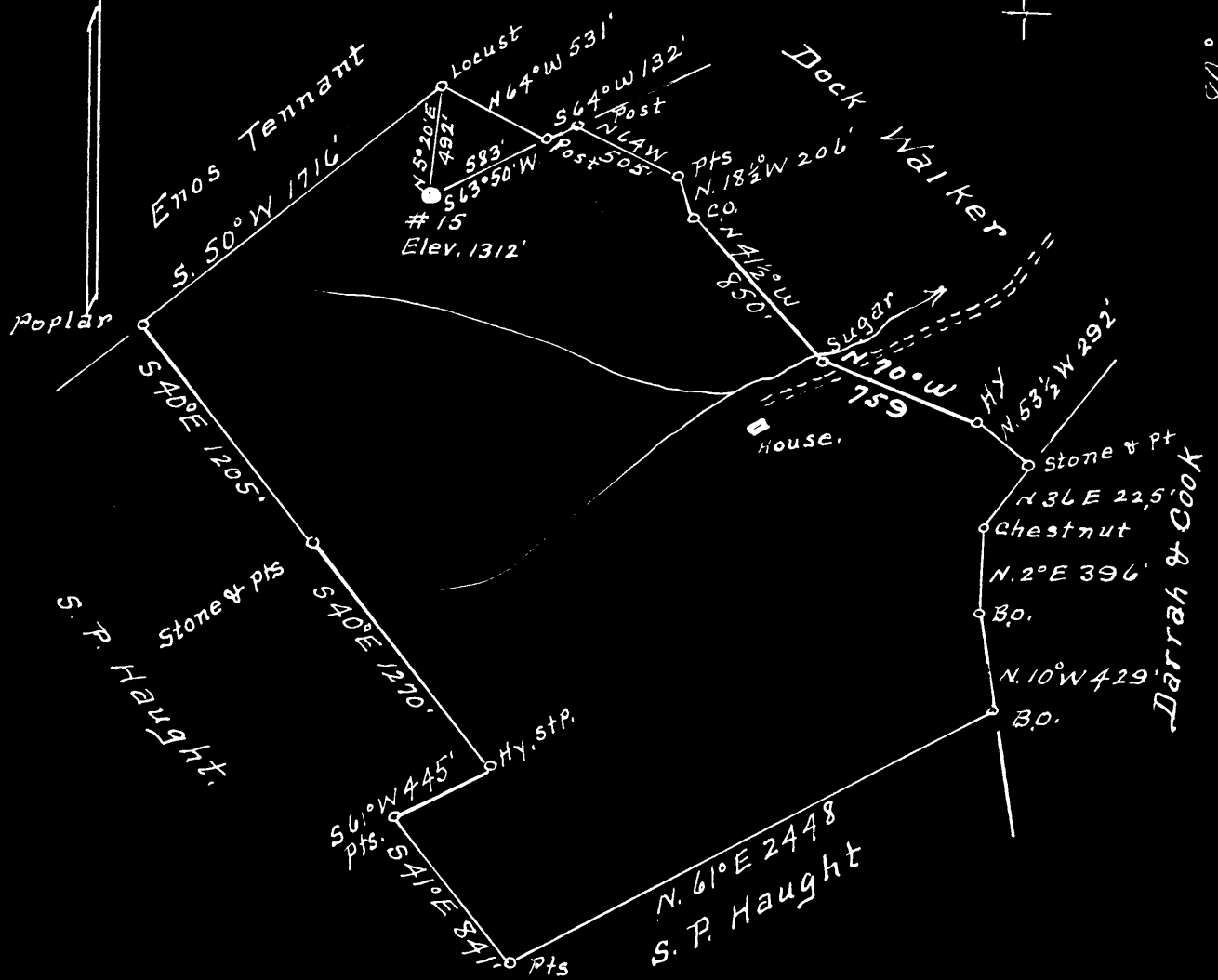
DATE FEBRUARY 12, 19 86  
 OPERATOR'S WELL NO F2-390  
 API WELL NO. 47-061  
 STATE COUNTY MONONGALIA PERMIT 0823-P

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 1360.0 WATER SHED MIRACLE RUN  
 DISTRICT BATTELLE COUNTY MONONGALIA  
 QUADRANGLE WADESTOWN 7 1/2'  
 SURFACE OWNER ASA HAUGHT HRS. ACREAGE 187.25  
 OIL & GAS ROYALTY OWNER PENNZOIL COMP. LEASE ACREAGE \_\_\_\_\_  
 LEASE NO. 12913-50  
 PROPOSED WORK: DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUS OFF OLD FORMATION  PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_  
 PLUS AND ABANDON  CLEAN OUT AND REPLUG   
 TARGET FORMATION FOURTH SAND ESTIMATED DEPTH 3,337'  
 WELL OPERATOR EASTERN ASSOC. COAL CORP. DESIGNATED AGENT JOHN A. VEITCH AUG 25 1986  
 ADDRESS RT. 1 BOX 144 FAIRVIEW W. VA. 26570 ADDRESS SAME

Latitude 39° 40'

Longitude 80° 15'



Surface = James Haught  
 Fairview, W. Va.  
 Coal = Wheeling Dollar Savings & Trust Co.  
 Wheeling, W. Va.

1.84 S  
 1.25 W

- New Location
- Drill Deeper
- Abandonment

Company A. M. Snider  
 Address Hundred, W. Va.  
 Farm Haught & Walker  
 Tract 1 Acres 187+ Lease No. \_\_\_\_\_  
 Well (Farm) No. 15 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 1312'  
 Quadrangle Mannington  
 County Monongalia District Battelle  
 Engineer A. L. Headley  
 Engineer's Registration No. 2021  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 11-20-1948 Scale 1" = 800'

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

**WELL LOCATION MAP**  
 FILE NO. MON-443-A

+ 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.

Battelle District, Monongalia County, W. Va.  
 By A. S. Snider, Fred Finch, Salem, W. Va.  
 Abandoned under permit No. ....  
 On 107 acres.  
 Elevation, 1110' L.  
 Surface owned by James Searight, Fairview, W. Va., and minerals by  
 Wheeling Toller Savings Trust Co., Wheeling, W. Va.  
 Completed March 25, 1899 (to 2000').  
 Drilling deeper completed Nov. 9, 1907 (to 2007').  
 10" casing, 200' (pulled); 8", 1553' (pulled); 6", 2000';  
 5", 2500'; 4 1/2" liner, 216'.  
 Coal was encountered at 1000'.  
 Oil well. Record to Dept. of Mines stamped Dec. 7, 1918.  
 Record to US from Mrs. Griffith April 12, 1940. Oil file No. 491.

	Top.	Bottom.
Pittsburgh Coal	1060	.....
Big Injun Sand	2000	2000
Fifty-foot Sand	2000	2060
Grey Sand	2060	2060
Gordon Sand (1st pay, 2073'; 2nd pay, 2000')	2073	2000
Fourth Sand	2000	2100
To breast bet. oen Gordon and Fourth.		
Total depth		2104
Drilled deeper in 1907		
Total depth after drilling deeper		2007



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

411

WELL RECORD

Permit No. 443-A

Oil or Gas Well \_\_\_\_\_ (KIND)

Company A. M. Snider  
 Address 1/2 Fred Finch - Salem, W. Va.  
 Farm Haught & Walker Acres 187  
 Location (waters) \_\_\_\_\_  
 Well No. 15 Elev. 1312  
 District Battelle County Monongalia  
 The surface of tract is owned in fee by James Haught  
Fairview Address W. Va.  
 Mineral rights are owned by Wheeling Dollar Savings  
& Trust Co. Address Wheeling, W. Va.  
 Drilling commenced No Record  
 Drilling completed Comp. 3-25-1899 D.D. 11-9-1907  
 Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
 With \_\_\_\_\_

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10	<u>205</u>	<u>Pulled</u>	Size of
8 1/4	<u>1553</u>	<u>Pulled</u>	
6 5/8	<u>2095</u>	<u>2095</u>	Depth set
5 3/16	<u>2528</u>	<u>2528</u>	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
<u>4 1/2" x 4"</u>	<u>316</u>	<u>316</u>	Perf. bottom

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 CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
 COAL WAS ENCOUNTERED AT 1060 FEET ? INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
<u>Pittsburgh Coal</u>			<u>1060</u>				
<u>Big Injun</u>			<u>2340</u>	<u>2480</u>			
<u>Fifty Foot</u>			<u>2990</u>	<u>3060</u>			
<u>Stray Sand</u>			<u>3240</u>	<u>3260</u>			
<u>Gordon Sand</u>			<u>3270</u>	<u>3298</u>			
<u>1st Pay</u>			<u>3275</u>				
<u>2nd Pay</u>			<u>3280</u>				
<u>Fourth Sand</u>			<u>3288</u>	<u>3333</u>			
<u>No break between Gordon &amp; Fourth</u>							
<u>Total Depth</u>				<u>3284</u>			
<u>Drilled Deeper in 1907</u>							
<u>Total Depth after D. D.</u>			<u>3337</u>				

