

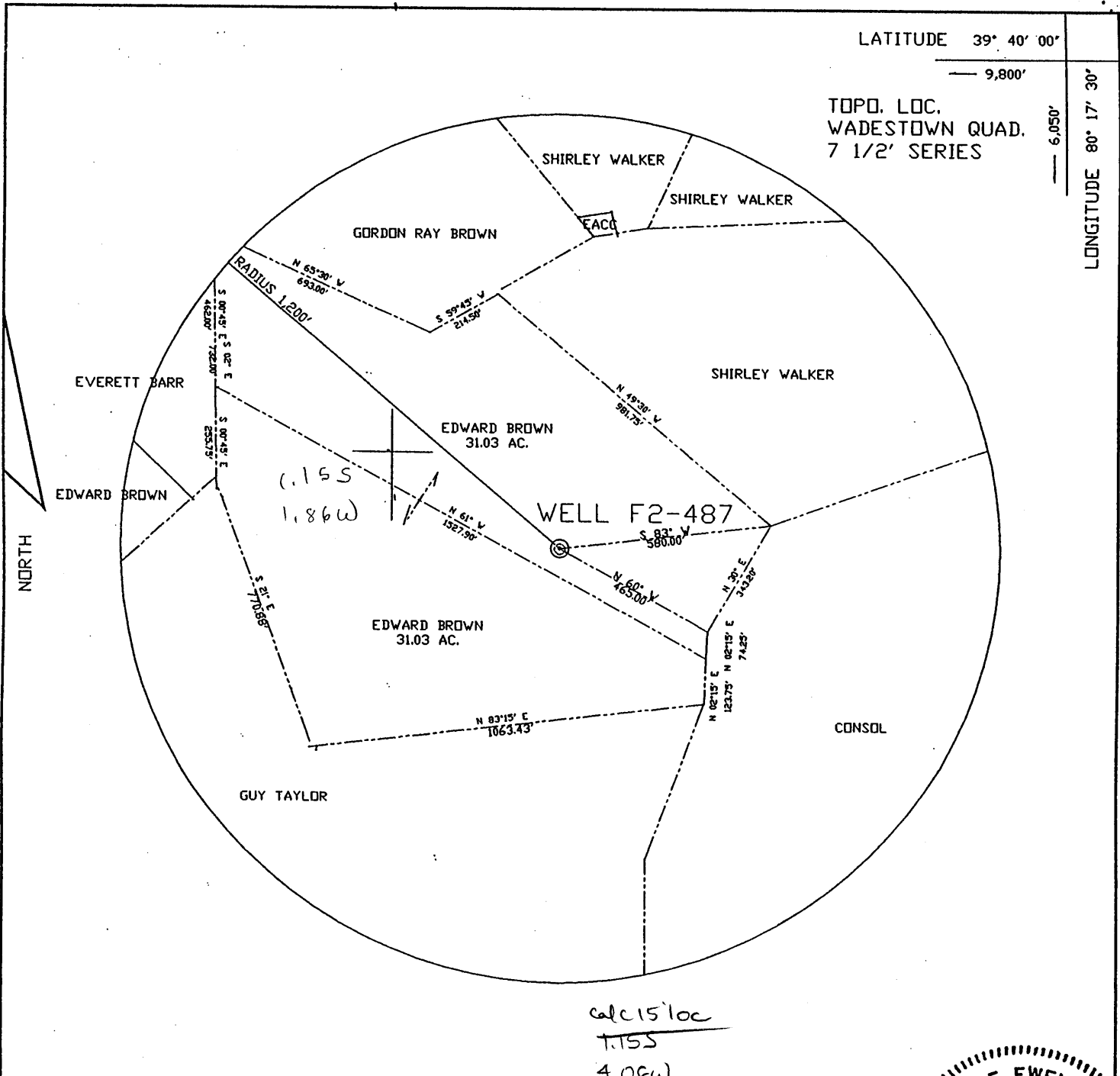
LATITUDE 39° 40' 00"

9,800'

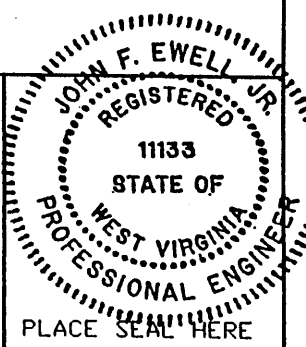
TOPO. LOC. WADESTOWN QUAD. 7 1/2' SERIES

6,050'

LONGITUDE 80° 17' 30"



calc 15' loc  
1.155  
4.08W



FILE NO. F2-1-487  
 DRAWING NO. F2-2-487  
 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 MARCH 6, 2002  
 OPERATOR'S WELL NO. F2-487  
 API WELL NO.

FORM IV-6  
 (8-78)  
 STATE OF WEST VIRGINIA 47-061-01435P  
 DEPARTMENT OF ENVIRONMENTAL PROTECTION STATE COUNTY PERMIT  
 OIL AND GAS DIVISION

was. 061 30190

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF 'GAS', PRODUCTION \_\_\_ STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X)  
 LOCATION: ELEVATION 1,338 WATERSHED \_\_\_ RANGE RUN \_\_\_  
 DISTRICT BATTELLE COUNTY MONONGALIA  
 QUADRANGLE WADESTOWN  
 SURFACE OWNER EDWARD BROWN ACREAGE 31.03  
 OIL & GAS ROYALTY OWNER PENNZOIL LEASE ACREAGE \_\_\_  
 LEASE NO. EVA STEWART HEIRS #1  
 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 GORDON SAND ESTIMATED DEPTH 3,500  
 WELL OPERATOR EASTERN ASSOC. COAL DESIGNATED AGENT EDWARD Y. HOY  
 ADDRESS 1044 MIRACLE RUN ROAD ADDRESS 1044 MIRACLE RUN ROAD  
FAIRVIEW WV. 26570 FAIRVIEW WV. 26570

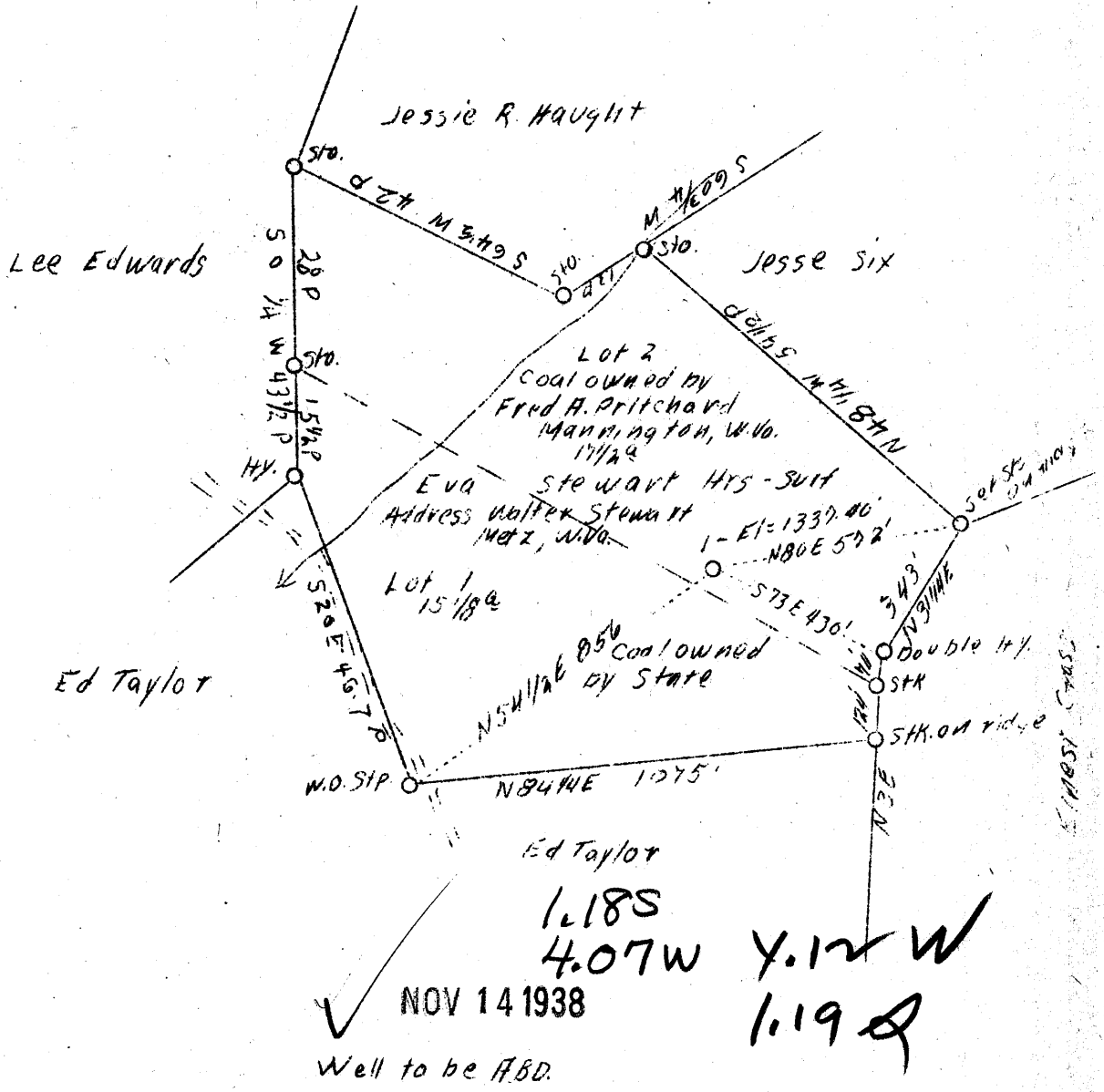
MAR 29 2002

MONO 1435 P

4.06 W  
1.19 S



LONGITUDE 80° 15'



Company	South Penn Oil Co.,
Address	411 - 7th Ave., Pgh. Pa.
Farm	Rebecca Haught
Acres	112
Lease No.	15906
Well (Farm) No.	One
Quadrangle	Mannington
County	Monongalia
District	Battelle
Engineer	E. C. Tabler
Eng. Reg. No.	-
Date	Oct. 20, 1938
Scale	1" - 400'



STATE OF WEST VIRGINIA  
 Department of Mines  
 OIL & GAS DIVISION  
 Charleston

WELL LOCATION MAP

File No. MOM-190 A  
 NOW 061 1435

x Denotes location of well on U. S. 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

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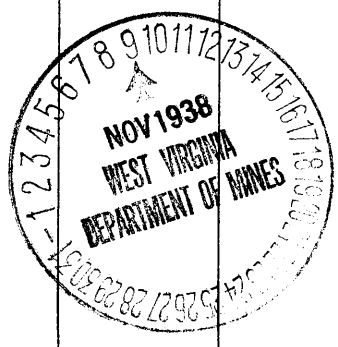
WELL RECORD

Permit No. **190-A** → now: 0611435

Oil or Gas Well **OIL - GAS**  
(Kind)

Company <b>South Penn Oil Company</b>	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address <b>411 Seventh Ave., Pittsburgh, Pa.</b>	Size			
Farm <b>Rebecca Haught</b> Acres <b>112</b>				
Location (waters) -----				
Well No. <b>1</b> Elev. <b>1337.40'</b>	16			Kind of Packer -----
District <b>Battelle</b> County <b>Monongalia</b>	13			-----
The surface of tract is owned in fee by <b>Eva Stewart Hrs.</b>	10			Size of -----
<b>c/o Walter Stewart</b> Address <b>Metz, W. Va.</b>	8 1/4			-----
Mineral rights are owned by <b>L.M. Haught et al</b>	6 5/8	<b>2402</b>		Depth set -----
Address <b>Burton, W. Va.</b>	5 3/16	<b>2557</b>		-----
Drilling commenced <b>Oct. 24 - 1898</b> D.D. <b>June - 1909</b>	3			Perf. top -----
Drilling completed <b>Feb. 22 - 1899</b> D.D. <b>June - 1909</b>	2			Perf. bottom -----
Date shot <b>May 2, 1911</b> Depth of shot <b>Fifth</b>	Liners Used			Perf. top -----
Open Flow /10ths Water in ----- Inch				Perf. bottom -----
/10ths Merc. in ----- Inch				
Volume ----- Cu. Ft.	CASING CEMENTED -----	SIZE -----	No. FT. -----	Date -----
Rock Pressure ----- lbs. ----- hrs.				
Oil <b>1st Drilling. Gas D.D.</b> bbls., 1st 24 hrs.	COAL WAS ENCOUNTERED AT <b>1143</b> FEET <b>84</b> INCHES			
Fresh water ----- feet ----- feet	----- FEET ----- INCHES ----- FEET ----- INCHES			
Salt water <b>2505</b> feet ----- feet	----- FEET ----- INCHES ----- FEET ----- INCHES			

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Pittsburgh Coal			1143	1150			
Dunkard Sand			1635	1660			
Gas Sand			1950	1995			
Salt Sand			2043	2140			
Pencil Cave			2348	2352			
Big Lime			2352	2426			
Big Injun			2426	2582			
Fifty Foot Sand			3050	3130	Water	2505	
Gordon			3285		Gas	3060	
Break			3320	3335	Show Oil	3290	
					Oil	3359	
<b>Total Depth</b>				<b>3367</b>			
<b>DRILLED DEEPER:</b>							
Commenced drilling			3367				
Fourth Sand			3387	3411			
Fifth Sand			3508				
<b>Total Depth</b>				<b>3527</b>			



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks

Date **November 7, 1938.**, 19.....

APPROVED **SOUTH PENN OIL COMPANY**, Owner

By *Elton Young* Land Agent  
(Title)

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

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPLICATE, one copy mailed to the Department, 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: Eva Stewart Hrs./Current: Edward Brown Operator Well No.: F2-487

LOCATION: Elevation: 1,337' Quadrangle: Wadestown  
 District: Battelle County: Monongalia  
 Latitude: 6,050 Feet South of 39 Deg. 40 Min. 00 Sec.  
 Longitude: 9,800 Feet West of 80 Deg. 17 Min. 30 Sec.

Well Type: OIL \_\_\_ GAS X

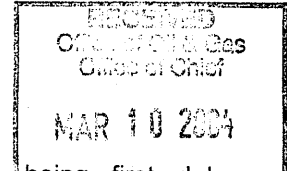
Company: Eastern Associated Coal Corp. Coal Operator or Owner Eastern Associated Coal Corp.  
1044 Miracle Run Road 1044 Miracle Run Road  
Fairview, WV 26570 Fairview, WV 26570

Agent: Edward Y. Hoy Coal Operator or Owner \_\_\_\_\_

Permit Issued Date: March 5, 2002

AFFIDAVIT

STATE OF WEST VIRGINIA,  
 County of Monongalia ss:



Kenneth C. Gump and Terry S. Hendershot 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 Steve Mosser, Oil and Gas Inspector representing the Director, say that said work was commenced on the 7<sup>th</sup> day of July, 2002, and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Cleaned out to 1,199' with 10" bit, cleaned out to 1,281' with 8" bit, and cleaned out to 1,450' with 6" bit.				
Logged hole with Timco(Gamma Ray CCL and Caliper).				
Pumped bottom plug with 100 sacks of cement and 1 sack of gel.				
Tagged bottom plug at 1,310'.				
Perforated hole from 1,105' to 1,108'.				
Ran 4-1/2" pipe to 1,290' with latch down plug at 1,250'. Pumped 855 sacks of cement and 105 sacks of E1K cement.				
Topped hole off with 240 sacks of cement.				
Downhole survey scheduled by Sperry-Sun on 1-17-03.				
Pittsburgh coal at 1,131' to 1,138'.				

Description of monument: 4 1/2" Pipe with metal plate, API #, and date plugged and that the work of plugging and filling said well was completed on the 28<sup>th</sup> day of December, 2002.  
 And further deponents saith not.

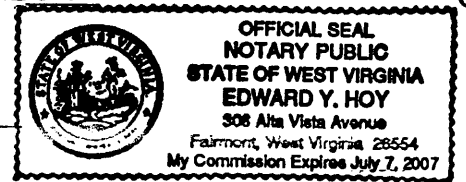
Kenneth C. Gump  
Terry S. Hendershot

APR 02 2004

Sworn and subscribe before me this 16<sup>th</sup> day of January, 2003  
 My commission expires: July 7, 2007

Edward Y. Hoy  
 Notary Public

Oil and Gas Inspector: Steve A. Mosser  
1-28-03



MONO 1435-P