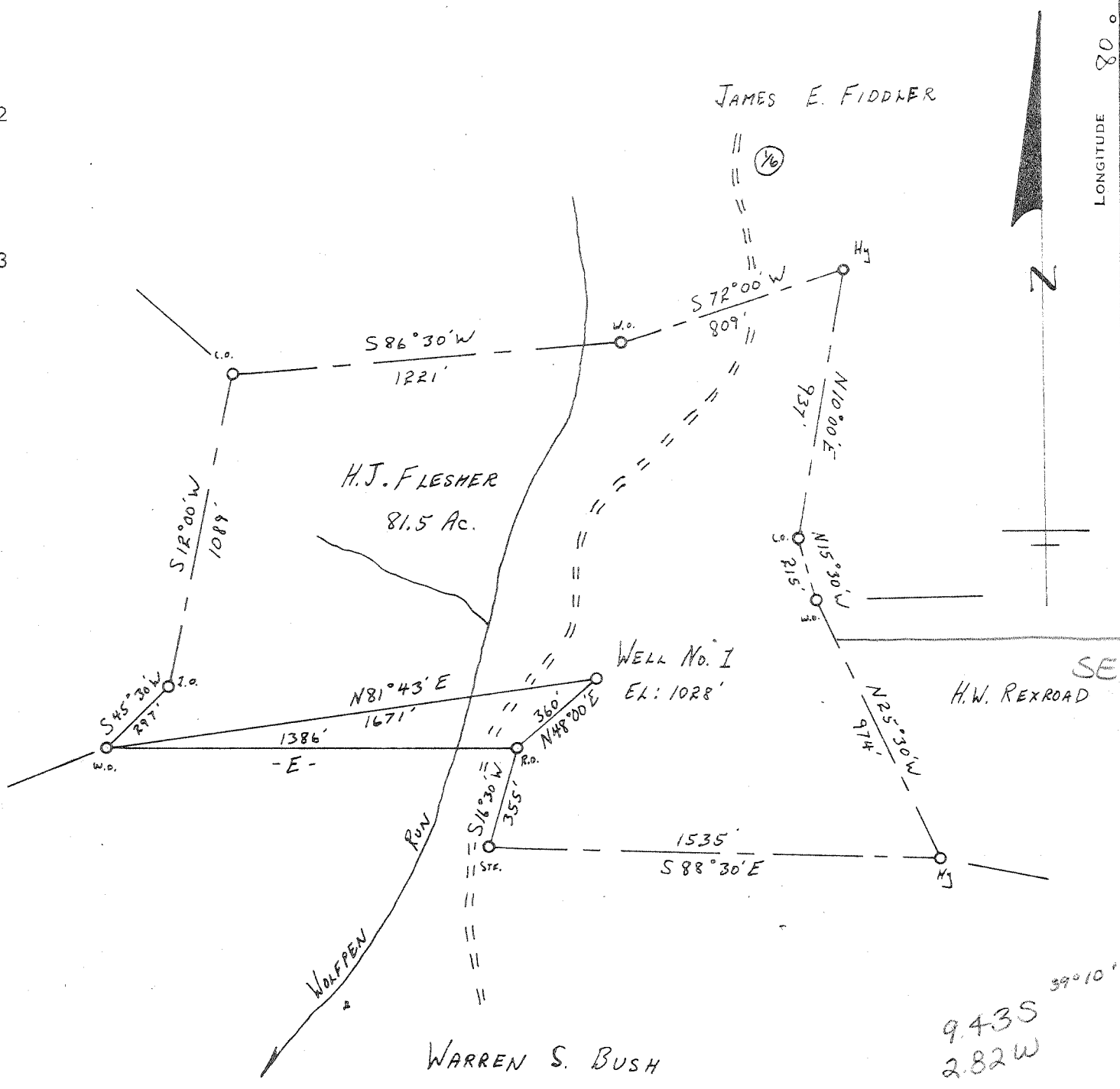


1/25/77

LATITUDE 39° 10' EC

LONGITUDE 80° 45'



9.435
2.82W
39° 10'
80° 45'



CERTIFICATE

"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."

Minimum degree of accuracy is one part in 200
Signed A. S. Shuck, P.E. 4596

- NO. LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

COMPANY STONE STREET LANDS Co.
 ADDRESS Box 350 SPENCER W.VA.
 FARM H.J. FLESHER, Mrs. H. S. Cole
 MAP _____ ACRES 81.5 LEASE NO. 897
 WELL (FARM) NO. ONE SERIAL NO. _____
 ELEVATION (SPIRIT LEVEL) 1028'
 QUADRANGLE HOLBROOK SE/EC
 COUNTY GLAMER DISTRICT TRON
 POINT OF PROVEN ELEVATION B.M. E.L. 762' Bridge at Tray
 FILE NO. _____ DRAWING NO. _____
 DATE 7-20-77 SCALE 1"=500'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
GIL-2883
 FILE NO. _____
 + 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. **47-021**
 - DENOTES ONE INCH SPACES ON BORDER LINE OF ORIGINAL TRACING



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division

RECEIVED
AUG 22 1977
OIL & GAS DIVISION
DEPT. OF MINES

WELL RECORD

Quadrangle Holbrook
Permit No. Gil-2883

Rotary Oil _____
Cable _____ Gas
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind) _____

Company Stonestreet Lands Co.
Address Box 350 Spencer, W.Va.
Farm H.J. Flesher Acres 81.5
Location (waters) Wolf Pen Run
Well No. 1 Elev. 1028'
District Troy County Gilmer
The surface of tract is owned in fee by Mrs. H.S. Cole
Address Weston, W.Va.
Mineral rights are owned by H.J. Flesher, Hrs.
Address Troy, W.Va.
Drilling Commenced 7-26-77
Drilling Completed 7-30-77
Initial open flow 25,000 cu. ft. _____ bbls.
Final production 280,000 cu. ft. per day _____ bbls.
Well open 24 hrs. before test 640 RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-10"			
9 5/8			
8 5/8	207'	207'	cement to surface
7			
5 1/2			
4 1/2	2002'	2002'	100 sacks
3			
2			
Liners Used			

Well treatment details: Attach copy of cementing record.
1 stage - 750 bbl. water, 1000 gal. 15% HCl, 50,000 lbs. 20/40 sand,
400 lbs. J-266, 25 gal. Fre Flo C., 25 gal. F-52

Coal was encountered at _____ Feet _____ Inches
Fresh water 60 Feet _____ Salt Water _____ Feet _____
Producing Sand Big Injun Depth 1893' - 1900'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Top Soil			0	75		
Red Rock			75	207		
Shale			207	300		
Sand			300	610		
Shale			610	1050		
Red Rock			1050	1300		
Sand			1300	1525		
Lime			1525	1600		
Sand			1600	1690		
Maxton			1690	1722		
Little Lime			1722	1798		
Pencil Cave			1798	1818		
Big Lime			1818	1869		
Keener			1869	1904		
Big Injun			1904	1965		
Shale			1965	2112		

(over)

* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

JUL 25 1977

Oil and Gas Division

OIL & GAS DIVISION
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,
Charleston, W. Va.

DATE July 22, 1977

Surface Owner Mrs. H. S. Cole

Company Stonestreet Lands Company

Address Weston, West Virginia

Address Box 350, Spencer, West Virginia

Mineral Owner H. J. Flesher, hrs.

Farm H. J. Flesher Acres 81.5

Address Troy, West Virginia

Location (waters) Wolf Pen Run

Coal Owner None

Well No. One Elevation 1028'

Address _____

District Troy County Gilmer

Coal Operator None

Quadrangle Holbrook

Address _____

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 11-25-77.

INSPECTOR
TO BE NOTIFIED Paul Goodnight

ADDRESS Smithville, West Virginia

PHONE 477-2455

Robert L. Jones
Deputy Director - Oil & Gas Division

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated Sept. 29, 1972 by H. S. Cole made to Carnegie Gas Co. Subsequently assigned to Stonestreet Lands Co. and recorded on the 8th day of July 1977 in Gilmer County, Book 289 Page 690

NEW WELL _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE
_____ OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. *

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address _____ day _____ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA GEOLOGICAL AND
ECONOMIC SURVEY
P. O. BOX 879
MORGANTOWN, WEST VIRGINIA 26505
AC-304 - 292-6331

Address
of
Well Operator

Very truly yours,
(Sign Name) [Signature]
Well Operator

P. O. Box 350
Street
Spencer,
City or Town
West Virginia 25276
State

*SECTION 3 If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

GIL-2883 PERMIT NUMBER

47-021

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements."

Signed by [Signature]

BLANKET BOND

THIS IS AN ESTIMATE ONLY
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME Not known at this time. NAME L. V. Stonestreet
 ADDRESS _____ ADDRESS Box 350, Spencer, W. Va.
 TELEPHONE _____ TELEPHONE 927-2800
 ESTIMATED DEPTH OF COMPLETED WELL: 2100' ROTARY CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Big Injun
 TYPE OF WELL: OIL _____ GAS COMB. _____ STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10			
9 - 5/8			
8 - 5/8 <u>220'</u>	<u>220'</u>		<u>Cement to surface.</u>
7			
5 1/2			
4 1/2 <u>2100'</u>	<u>2100'</u>		<u>75 sks.</u>
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 80 FEET _____ SALT WATER _____ FEET _____

APPROXIMATE COAL DEPTHS None

IS COAL BEING MINED IN THE AREA? No BY WHOM? _____

TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for _____ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the _____ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

For Coal Company

Official Title