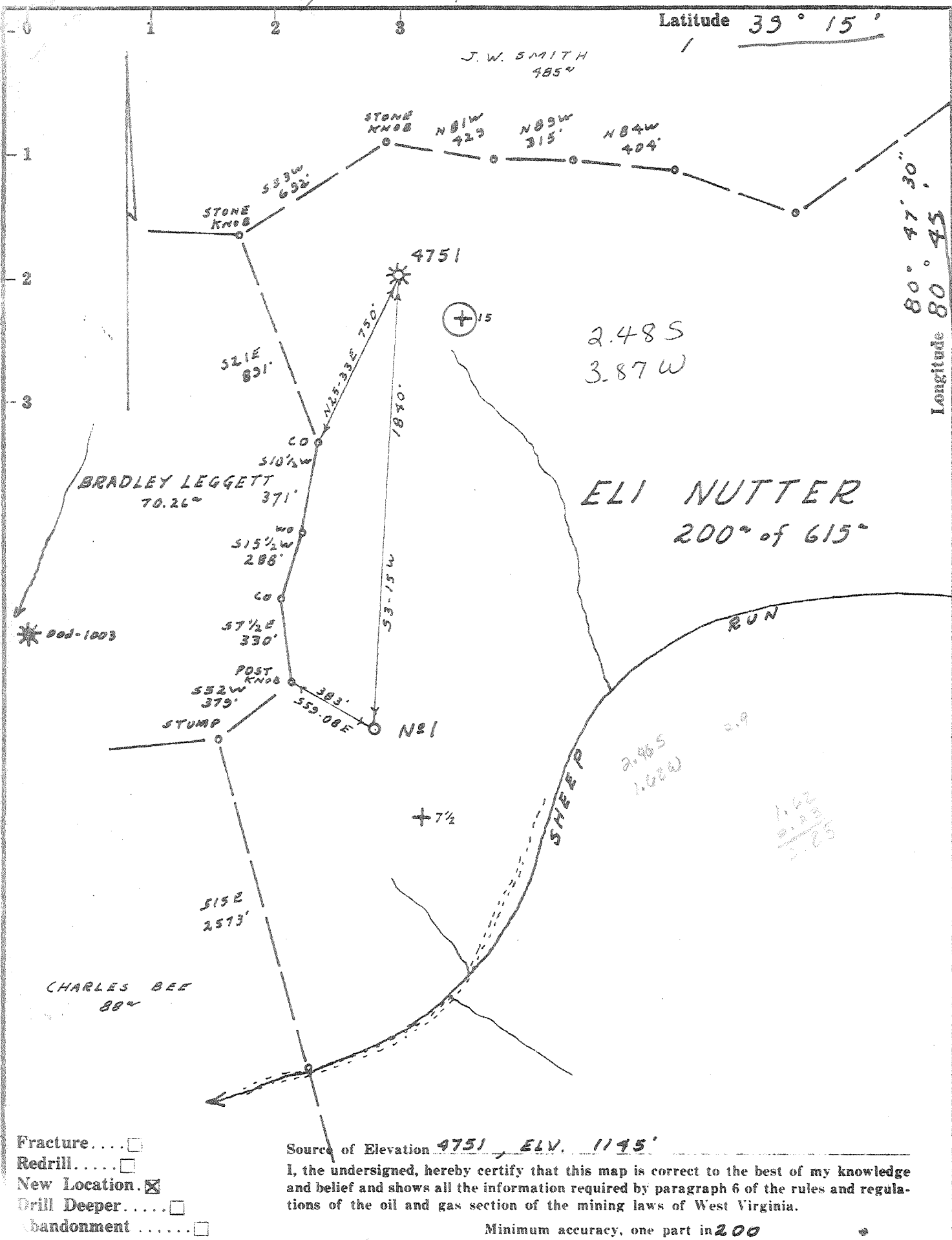


Latitude 39° 15'



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

Source of Elevation 4751, ELV. 1195'
 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 accuracy, one part in 200

Company C&P OIL & GAS CO.
 Address 2202 PRIDE AVE, CLARKSBURG, WVA.
 Farm ELI NUTTER, NORMAN E
 Tract 200 Acres 615 Lease No. 6125
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 1122'
 Quadrangle HOLBROOK (NE) 1/4
 County DODDRIDGE District SOUTHWEST
 Engineer R. J. McWilliam
 Engineer's Registration No. 105 L.L.S.
 File No. 230B/128 Drawing No. _____
 Date 8-19-77 Scale 1" = 500'

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

WELL LOCATION MAP
 FILE NO. DOD-1873'

+ 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.

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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

COAL GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

WELL RECORD

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

Quadrangle Holbrook N.E.

Permit No. DOD 1873

Company <u>C & P Oil & Gas Co.</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>Clarksburg, WV 26301</u>				
Farm <u>Eli Nutter</u> Acres <u>615</u>	Size			
Location (waters) <u>Sheep Run to Hughes River</u>	20-16			
Well No. <u>1</u> Elev. <u>1122</u>	Cond.			
District <u>Southwest</u> County <u>Doddridge</u>	13-10"			
The surface of tract is owned in fee by _____	9 5/8			
<u>Norman E. Haessly</u>	8 5/8	327	327	100 (Sks.)
Address <u>Marietta, Ohio</u>	7			to Surface
Mineral rights are owned by <u>Frankie Hicks,</u>	5 1/2			
Atty-in-fact for <u>Eli Nutter et al</u>	4 1/2	2285	2285	100 (Sks.)
Address <u>Southwood, Welch, Wyo. 24801</u>	3			
Drilling Commenced <u>Sept. 28, 1977</u>	2 Tubing		2270	
Drilling Completed <u>Oct. 31, 1977</u>	Liners Used			
Initial open flow <u>90 M</u> cu. ft. <u>None</u> bbls.				
Final production <u>1.500M</u> cu. ft. per day <u>None</u> bbls.				
Well open <u>6</u> hrs. before test <u>560</u> RP.				

Well treatment details:

Attach copy of cementing record.

Big Injun treated with 500 gals. regular Acid 550 bbls. of water
60,000# Sand.

Wier treated with 500 gals. regular Acid 500 bbls of water,
60,000# Sand.

Coal was encountered at <u>None</u> Feet <u>None</u> Inches
Fresh water <u>40</u> Feet <u>60</u> Salt Water <u>--</u> Feet
Producing Sand <u>Big Injun Wier</u> Depth <u>1912- 1982 2150-2255</u>

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand & Shale			0	1020		Water, 60 feet, fresh
Big Dunkard			1020	1080		
Slate & Shale			1080	1560		
Lime			1560	1700		
Maxon			1700	1775		Gas, 1756
Slate & Shale			1775	1810		
Little lime			-1810	1850		
Big Lime			-1850	1910		
Big Injun			1910	1994		Gas, 1916-1974
Slate & Shale			1994	2150		
Wier			2150	2255		Gas, 2160
TD				2285		

(over)

* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

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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 September 2, 1977

Surface Owner Norman E. Haessly

Company C & P Oil and Gas Comp.

Address Rte. 1, Newport Pike, Marietta, Ohio

Address 2202 Pride Ave. Clarksburg, WV 26301

Mineral Owner Frankie Hicks Atty. in fact
for E. Marshall Nutter, et al

Farm Eli Nutter Acres 615

Address Southwood, Welch, WVA 24801

Location (waters) Sheep Run to Hughes River

Coal Owner None

Well No. 1 Elevation 1122

Address _____

District Southwest County Doddridge

Coal Operator None

Quadrangle Holbrook NE

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 1-22-78.

INSPECTOR

TO BE NOTIFIED Paul W. Garrett

ADDRESS 321 Beech Clarksburg, W. Va. 26301

PHONE 622-3871

Robert L. Hodge
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 see attached 19 by made to and recorded on the day of 19 , in County, Book Page
 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.

Very truly yours,

(Sign Name) C&P Oil and Gas Co.
Well Operator

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

2202 Pride Ave.
Street
Clarksburg,
City or Town
West Virginia 26301
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.

BOND DRILL

DOD-1873

PERMIT NUMBER

"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

47-017

C & P Oil & Gas

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

PROPOSED WORK ORDER TO X DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME Haught Brothers _____ NAME C&P Oil and Gas Co. _____
 ADDRESS Smithfield, W. Va. _____ ADDRESS 2202 Pride Ave. Clarksburg, WVA _____
 TELEPHONE _____ TELEPHONE 623-6671 _____
 ESTIMATED DEPTH OF COMPLETED WELL: 2300' _____ ROTARY X _____ CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Weir _____
 TYPE OF WELL: OIL _____ GAS X _____ COMB. _____ STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LIFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16	20'	20'	Cement to surface.
13 - 10			
9 - 5/8			
8 - 5/8	470'	470'	Cement to surface
7			
5 1/2			Cement to 300' above
4 1/2	2300'	2300'	any producing sand
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 40-80 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