



Source of Elev: USGS BM @ Road Fork 2.4 Mi. SW - 706'

- New Location .
- Drill Deeper
- Redrill
- Abandonment

"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 5 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

Company	NEDCO INC.
Address	1901 KANAWHA VALLEY BLDG
Farm	TAYLOR - GILLISPIE
Tract	Acres 145.95 Lease No.
Well (Farm) No.	N-11 Serial No.
Elevation (Spirit Level)	916.54
Quadrangle	MILTON NE
County	PUTNAM District TEAYS VALLEY
Engineer	O. A. Jerry
Engineer's Registration No.	445, 326
File No.	G --- Drawing No.
Date	12-28-72 Scale 1" = 400'

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

WELL LOCATION MAP
 FILE NO. PUT-777

+ 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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JUL 18 1973

OIL & GAS DIVISION
DEPT. OF MINES

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division
WELL RECORD //

38-70
3-25
6

Quadrangle Milton
Permit No. PUT 777

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

Company <u>NEDCO Inc.</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>1901 Kanawha Valley Bldg. Chas., W.V.</u>	Size			
Farm <u>Taylor-Gillispie</u> Acres <u>146</u>	20-16			
Location (waters) <u>Hedges Branch of Mill Creek</u>	Cond.			
Well No. <u>N-11</u> Elev. <u>916.54</u>	13-10" <u>10 3/4</u>	<u>210</u>	<u>210</u>	<u>75 bags</u>
District <u>Teays Valley</u> County <u>Putnam</u>	9 5/8			
The surface of tract is owned in fee by <u>Normal and Ruby Taylor & Irene Gillispie etal</u>	8 5/8			
Address <u>Hurricane, W. Va.</u>	7	<u>2075</u>	<u>2075</u>	<u>100 bags</u>
Mineral rights are owned by _____	5 1/2			
Address _____	4 1/2			
Drilling Commenced <u>2-22-73</u>	3 1/2	<u>4581</u>	<u>4581</u>	
Drilling Completed <u>3-8-73</u>	2			
Initial open flow <u>90,000 M</u> cu. ft. _____ bbls.	Liners Used			
Final production _____ cu. ft. per day _____ bbls.				
Well open _____ hrs. before test. <u>1550</u> RP.				

Well treatment details: Attach copy of cementing record.
Haliburton water frac, 745 BBL water 500 gallons, acid, 1500 lbs. sand at average 17.9 BPM injection.

Coal was encountered at none Feet _____ Inches _____
Fresh water Drilled on fluid Feet _____ Salt Water _____ Feet _____
Producing Sand Oriskany Depth 4534-4540

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Surface & Red Rock			0	55		
Sand			55	65		
Slate			65	150		
Red Rock			150	190		
Slate			150	190		
Red Rock			190	250		
Slate			250	290		
Red Rock			290	325		
Slate			325	350		
Sand			385	430		
Slate			430	520		
Red Rock			520	560		
Slate			560	740		
Sand			740	800		
Slate			800	840		
Red Rock			840	865		
Sand			865	900		
Slate			900	925		
Sand			925	955		
Slate			955	980		
Sand			980	1050		
Slate & Sand			1050	1105		
Sand			1105	1185		
Slate			1185	1225		

Formation	Color	Hard or Soft	Top Feet //	Bottom Feet	Oil, Gas or Water	* Remarks
Sand			1225	1265		
Slate			1265	1305		
/Sand			1305	1340		
Big Lime			1340	1765		
Lime & Sand			1765	1845		
Big Injun			1845	1920		
Shale			1920	2040		
Berea	BRN. cases		2040	2090		Shale 1920-2040 Sewery St 2040-2090 Berea 2090-2504 Shale 2504-4454?
Shale			2504	4454		
Coniferous Lime			4454	4520		
Oriskany			4534	4540		
Lime			4540	4597		

Held.

TD 4597

4454 4534
917
3537 - Green Case

Date _____ 19__

APPROVED _____, Owner

By _____ (Title)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED
DEC 29 1972

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

DATE 12/28/72

Surface Owner Normal Taylor & Ruby Taylor

Company NEDCO Inc.

Address Rt. 1 Box 4175, Hurricane, WV

Address 1901 Kanawha Valley Building

Mineral Owner Normal & Ruby Taylor & Irene Gillespie et. al. Farm Taylor-Gillespie Acres 146

Address Taylor above Gillespie, Frazier Bottoms, WV Location (waters) Cow Creek

Coal Owner _____ Well No. N-11 Elevation 916.54

Address _____ District Teays Valley County Putnam

Coal Operator _____ Quadrangle Milton

Address _____

INSPECTOR TO BE NOTIFIED Butcher

R. F. D. #1 PH: 736-4885

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 4/29/73.

Barboursville
WVA 25504

[Signature]
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 September 21 1972 by Normal and Ruby Taylor made to Teavee Oil & Gas, Co. and recorded on the Taylor-9/21/70 day of Taylor- 55 675 Gillespie 2/18/71 19 , in Putnam County, Book Gillespie-55 Page 697

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) J. Haysle Rymmer
Well Operator

Address 1901 Kanawha Valley Building Street
of _____
Well Operator Charleston, City or Town
West Virginia 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.

Perit-777 PERMIT NUMBER

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 Gerald Jones _____ NAME NEDCO Inc. _____
 ADDRESS Spencer, West Virginia _____ ADDRESS 1901 Kanawha Valley Building _____
 TELEPHONE 927-1550 _____ TELEPHONE 342-2125 _____
 ESTIMATED DEPTH OF COMPLETED WELL: 4050' _____ ROTARY _____ CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Criskany _____
 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 10 3/4"	165'	165'	150 Cu. Ft.
9 - 5/8			
8 - 5/8			
7	2110'	2110'	50 Sacks
5 1/2			
4 1/2			
3 3 1/2"	4650'	4650'	Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 60 FEET _____ SALT WATER 1400 FEET 1800
 APPROXIMATE COAL DEPTHS _____
 IS COAL BEING MINED IN THE AREA? _____ 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