Card CSDC Mflm___ LATITUDE 39 -1 - Zo 00 LEWIS -Stone 3.415 583°15'E 4.110 Lanis Note: - Shown is a 277ac part of a 450ac tract o sugar conveyed by Martin Shields to Lloyd Stout, recorded in Taylor County Deed Book 52 of page 225 Coal below the bed of the run is owned by the Lessor. No well 5000 or deeper within 3 miles Minimum Brror of Closure Lin 200' Source of Elevation U.S.G.S. elev. of mouth of Stout Hollow Run = 1072 I, the undersigned, hereby certify that this map is correct to the best of any know-ledge and belief and shows all the information required by paragraph 6 of the relat and regulations of the oil and gas section of the mining layer of West Virginia. Fracture...... New Location..... DEL DESPER Signed:_ Map No. Squares: Company INDUSTRIAL GAS ASSOCIATES State of West Virginia DEPARTMENT OF MINES Address PO. Box 1610. Greenwich, Conn OIL AND GAS DIVISION Lawis W. Shout CHARLESTON ____Acres 444 Lease No WELL LOCATION Well (Farm) No. One _Serial No. FILE NO. Quadrangle <u>Fairmont</u> + Denotes location of well on United States District **Eleming dan** Topographic Maps, scale 1 to , latitude MAHOUS Someyer Engineer and longitude lines being represented by Surveyor's Registration No. 1227 border lines as shown. File No.. _Drawing No. - Denotes one inch spaces on border line of Date 1346-10, 1974 original tracing. Scale L': 50p : 825 TRASCO 500 10-74 MC3081-BRIDGE DUR

Weel //OJAN 1 3 1975



STATE OF WEST VIRGINIA DEPARTMENT OF MINES

Gil and Gas Division

RECORD

W Ka ha ha

Ousdrangle Fairmont (15°)

Permit No. TAY-105

r)	0:1
RotaryX	Oil
Cable	GasX
Recycling	Comb.
Water Flood	Storage
Disposal	(Kind)

OLEGAS NON DEFT. OF the 10

Company Industrial Gas Assoc Address P.O. Box 1610, Green		Casing and	Used in	Left	Cement fill
Farm L. Stout Acr		Tubing	Drilling	in Well	Cu. ft. (Sk
Location (waters) Berry Run		C:			
Well No. 1 Ele		Size 20-16			
Well No Ele District Flemington County Ta		20-16 Cond.			
District FIERITING COUNTY TO		13-10- 12-3	71	71_	
Lloyd Stout	managara nganda antawa ngan milingan ngantang a lamba	9 5/8			
Address Bridgeport, W. Virg	inia	8 5/8	1700	1700	
Mineral rights are owned by Petro-Lew	is Corp.	7			
Address Denver, Color	ado	5 1/2			
Drilling Commenced 1-10-75		4 1/2			
Drilling Completed 1-28-75		3			
Initial open flow 400 M cu. ft.	bbls.	2			
Final production cu. ft. per day		Liners Used			
Well openhrs. before test_					
Well treatment details:		Attach copy of	cementing rec	ord.	
			-		
Open hole completion us	ing Judy	Mite shape	d charge	s.	
1000 shots between 2230					
Well suspended. Further	r testino	required.			
WELL Suspended. Larene					
Coal was encountered at Fe	ĉi	Salt	Water		
Fresh water Fe Producing Sand Upper Devonian S	C. C.	Salt Dept	Water		
Fiesh water Fe	C. C.	Salt	Water h2230		
Producing Sand Upper Devonian S	iands)	Salt Dept	Water h2230	to 4650	
Fresh water Fe Producing Sand Upper Devonian S Formation Color Hard or Soft	Top Feet 1282 1364	Salt Dept Bottom Feet	Water h2230	to 4650	
Fresh water Fee Producing Sand Upper Devonian S Formation Color Hard or Soft Greenbrier Big Injun Brown Shale	Top Feet 1282 1364 1458	Bottom Feet	Waterh2230Oil, Gas 6	to 4650	
Fresh water Fe Producing Sand Upper Devonian S Formation Color Hard or Soft Greenbrier Big Injun Brown Shale Fifty Foot Sand	Top Feet 1282 1364 1458 1794	Bottom Feet 1296 1458 -	Waterh2230Oil, Gas o	to 4650	
Fresh water Fe Producing Sand Upper Devonian S Formation Color Hard or Soft Greenbrier Big Injun Brown Shale Fifty Foot Sand Gordon Sand	Top Feet 1282 1364 1458 1794 2318	Bottom Feet 1296 1458 - 2358	Waterh2230Oil, Gas 6	to 4650	
Fresh water Fee Producing Sand Upper Devonian S Formation Color Hard or Soft Greenbrier Big Injun Brown Shale Fifty Foot Sand Gordon Sand Benson Sands	Top Feet 1282 1364 1458 1794 2318 4320	Bottom Feet 1296 1458 - 2358 4380	Waterh2230Oil, Gas o	to 4650	
Producing Sand Upper Devonian S Formation Color Hard or Soft Greenbrier Big Injun Brown Shale Fifty Foot Sand Gordon Sand Benson Sands Tully Limestone	Top Feet 1282 1364 1458 1794 2318 4320 7584	Bottom Feet 1296 1458 - 2358	WaterhOil, Gas Gas Gas	to 4650	
Fresh water Fe Producing Sand Upper Devonian S Formation Color Hard or Soft Greenbrier Big Injun Brown Shale Fifty Foot Sand Gordon Sand Benson Sands Tully Limestone	Top Feet 1282 1364 1458 1794 2318 4320	Bottom Feet 1296 1458 - 2358 4380	Waterh2230Oil, Gas o	to 4650	
Producing Sand Upper Devonian S Formation Color Hard or Soft Greenbrier Big Injun Brown Shale Fifty Foot Sand Gordon Sand Benson Sands Tully Limestone	Top Feet 1282 1364 1458 1794 2318 4320 7584	Bottom Feet 1296 1458 - 2358 4380	WaterhOil, Gas Gas Gas	to 4650	
Producing Sand Upper Devonian S Formation Color Hard or Soft Greenbrier Big Injun Brown Shale Fifty Foot Sand Gordon Sand Benson Sands Tully Limestone TD Oriskany dry	Top Feet 1282 1364 1458 1794 2318 4320 7584	Bottom Feet 1296 1458 - 2358 4380	WaterhOil, Gas Gas Gas	to 4650	
Producing Sand Upper Devonian S Formation Color Hard or Soft Greenbrier Big Injun Brown Shale Fifty Foot Sand Gordon Sand Benson Sands Tully Limestone TD Oriskany dry	Top Feet 1282 1364 1458 1794 2318 4320 7584	Bottom Feet 1296 1458 - 2358 4380	WaterhOil, Gas Gas Gas	to 4650	
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Producing Sand Upper Devonian S Formation Color Hard or Soft Greenbrier Big Injun Brown Shale Fifty Foot Sand Gordon Sand Benson Sands Tully Limestone TD Oriskany dry	Top Feet 1282 1364 1458 1794 2318 4320 7584	Bottom Feet 1296 1458 - 2358 4380	WaterhOil, Gas Gas Gas	to 4650	
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Producing Sand Upper Devonian S Formation Color Hard or Soft Greenbrier Big Injun Brown Shale Fifty Foot Sand Gordon Sand Benson Sands Tully Limestone TD Oriskany dry	Top Feet 1282 1364 1458 1794 2318 4320 7584	Bottom Feet 1296 1458 - 2358 4380	WaterhOil, Gas of Gas Gas	to 4650	
Fresh water Fe Producing Sand Upper Devonian S Formation Color Hard or Soft Greenbrier Big Injun Brown Shale Fifty Foot Sand Gordon Sand Benson Sands Tully Limestone TD Oriskany dry 1944 4380 3564 EXPL FOOTAGE	Top Feet 1282 1364 1458 1794 2318 4320 7584	Bottom Feet 1296 1458 - 2358 4380	WaterhOil, Gas of Gas Gas	to 4650	
Producing Sand Upper Devonian S Formation Color Hard or Soft Greenbrier Big Injun Brown Shale Fifty Foot Sand Gordon Sand Benson Sands Tully Limestone TD Oriskany dry 1999	Top Feet 1282 1364 1458 1794 2318 4320 7584 7944	Bottom Feet 1296 1458 - 2358 4380	WaterhOil, Gas of Gas Gas	to 4650	
Producing Sand Upper Devonian S Formation Color Hard or Soft Greenbrier Big Injun Brown Shale Fifty Foot Sand Gordon Sand Benson Sands Tully Limestone TD Oriskany dry 1944 33567 EXPL FOOTAGE 27, 1989 at 7944 is in Marcellus	Top Feet 1282 1364 1458 1794 2318 4320 7584 7944	Bottom Feet 1296 1458 - 2358 4380	WaterhOil, Gas of Gas Gas	to 4650	
Producing Sand Upper Devonian S Formation Color Hard or Soft Greenbrier Big Injun Brown Shale Fifty Foot Sand Gordon Sand Benson Sands Tully Limestone TD Oriskany dry 1999 at 1949 is in Marcellus 25 to 30 feet above	Top Feet 1282 1364 1458 1794 2318 4320 7584 7944	Bottom Feet 1296 1458 - 2358 4380	WaterhOil, Gas of Gas Gas	to 4650	
Producing Sand Upper Devonian S Formation Color Hard or Soft Greenbrier Big Injun Brown Shale Fifty Foot Sand Gordon Sand Benson Sands Tully Limestone TD Oriskany dry 1944 33567 EXPL FOOTAGE 27, 1989 at 7944 is in Marcellus	Top Feet 1282 1364 1458 1794 2318 4320 7584 7944	Bottom Feet 1296 1458 - 2358 4380	WaterhOil, Gas of Gas Gas	to 4650	

TO THE DEPARTMENT OF MINES,



Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

Charleston, W. Va.	DATE December 10, 1974
Surface Owner <u>Lewis M. Stout</u> Address Flemington, West Virginia	Company Industrial Gas Associates Address Box 1610, Greenwich, Conn.
Tavic M Chart	TALL OLD CALLED
Flemington West Virginia	
Address Lewis M. Stout	Docation (waters)
Coal Owner Flemington, West Virginia	Well No. One (1) Elevation 1183
Address	District Flemington County Taylor
Coal OperatorNone	QuadrangleFairmont
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 4-13-75	
Dobe & f. Lodas	was to be NOTEED - Dayl Compt
Burner of Office of the Control of t	INSPECTOR TO BE NOTIFIED Paul Garrett
	Clarksburg, W.Va. 622-3871
Stout made to Pittsburgh Plate G	ted February 1 1965 by Lewis M. lass and recorded on the 20th day of March
Stout made to Pittsburgh Plate G 19 65 in Taylor County, Book 27 X NEW WELL DRILL DEEPER OIL AND GAS WELL ORIGINALLY DRILLED The enclosed plat was prepared by a registered engineer or have been notified as of the above date. The above named coal owners and/or operator are hereby n to make by Section 3 of the Code, must be received by, or file	Page 28 REDRILL FRACTURE OR STIMULATE BEFORE JUNE 5, 1969. licensed land surveyor and all coal owners and/or operators otified that any objection they wish to make, or are required ed with the Department of Mines within ten (10) days. *
Stout made to Pittsburgh Plate G 19 65 in Taylor County, Book 27 X NEW WELL DRILL DEEPER OIL AND GAS WELL ORIGINALLY DRILLED The enclosed plat was prepared by a registered engineer or have been notified as of the above date. The above named coal owners and/or operator are hereby n to make by Section 3 of the Code, must be received by, or file	Page REDRILLFRACTURE OR STIMULATE BEFORE JUNE 5, 1969. licensed land surveyor and all coal owners and/or operators otified that any objection they wish to make, or are required ed with the Department of Mines within ten (10) days. * registered mail, or delivered to the above named coal operators day before, or on the artment of Mines at Charleston, West Virginia.
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*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.

TAY-105

__PERMIT NUMBER

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

DRILLING CONTRACTOR: (If NAME Perkins & Sum			FRACTURE-STIMULATE		
NAME Perkins & Sun	Known)		RESPONSIBLE AGENT:		
ADDRESS <u>Cambridge</u> , C	hio	$_{\perp}$ ADDRESS $\frac{\mathrm{Box}}{2}$	ADDRESS Box 1651, Parkersburg, W. V. TELEPHONE 422 2478 ROTARY X CABLE TOOLS		
TELEPHONE		TELEPHONE			
			_ CABLE TOOLS		
PROPOSED GEOLOGICAL FORD					
TYPE OF WELL: OIL_	GAS <u>X</u>	COMB STORAG	GE DISPOSAL		
40 866 - 1	RECYC	LING WATER F	LOODOTHER		
TENTATIVE CASING PROGRAM	vi:				
CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.		
20 - 16					
13 - 18	60'	60,	100 Sx		
9 - 5/8	77501	17501	F00 Cm		
8 - 5/8	17 50'	1750	500 Sx		
7 5 ½					
4 ½	7800'	7800'	200 Sx		
3			Perf. Top		
2			Perf. Bottom		
Liners			Perf. Top Perf. Bottom		
			Total pottern		
OF PLAT. TO DRILL DEEPER OR REDRI		RMII FEE, PERFORMANCE	BOND AND PERMANENT COPY		
WELLS DRILLED PRIOR MUST ALSO BE SUBMITT TO FRACTURE - STIMULATE: OIL AND/OR GAS WELL (BOND, PERMANENT PLA' OIL AND/OR GAS WELL (ING ORIGINAL PERMIT N	TO 1929, A PERMANENT CED. ORIGINALLY DRILLED BE T AND ORIGINAL WELL IN CORRESPONDENCE ON UMBER, AND PERFORMAN ed within ninety (90) days	COPY OF THE PLAT AN FORE JUNE 5, 1929, FIVE (RECORD. N AND/OR AFTER JUNE 5, NICE BOND.	AND PERFORMANCE BOND. ON D THE ORIGINAL WELL RECORD 5) COPIES OG - 1, PERFORMANCE 1929, FIVE COPIES OG - 1, SHOW- se. Inspector to be notified twenty-		
WELLS DRILLED PRIOR MUST ALSO BE SUBMITT TO FRACTURE - STIMULATE: OIL AND/OR GAS WELL (BOND, PERMANENT PLA' OIL AND/OR GAS WELL (ING ORIGINAL PERMIT N' Required forms must be fill four (24) hours in advance. The following waiver must thereof. WAIVER: I the undersigned, Ag this lease have exami	TO 1929, A PERMANENT CED. ORIGINALLY DRILLED BE T AND ORIGINAL WELL IN COMMER, AND PERFORMAN ed within ninety (90) days be completed by the coal gent for Coal Comparison.	COPY OF THE PLAT AND COPY OF THE PLAT AND CORE JUNE 5, 1929, FIVE (RECORD. NAND/OR AFTER JUNE 5, NCE BOND. of completion for bond release operator if the permit is to Coal Company, Owe maps this proposed well losely have no objections to sai	D THE ORIGINAL WELL RECORD 5) COPIES OG - 1, PERFORMANCE 1929, FIVE COPIES OG - 1, SHOW- se. Inspector to be notified twenty- be issued within ten days of receipt mer or Operator of the coal under ocation. d well being drilled at this location,		
WELLS DRILLED PRIOR MUST ALSO BE SUBMITT TO FRACTURE - STIMULATE: OIL AND/OR GAS WELL (BOND, PERMANENT PLA' OIL AND/OR GAS WELL (ING ORIGINAL PERMIT N' Required forms must be fill four (24) hours in advance. The following waiver must thereof. WAIVER: I the undersigned, Ag this lease have exami We the providing operator has	TO 1929, A PERMANENT CED. ORIGINALLY DRILLED BE T AND ORIGINAL WELL IN COMMER, AND PERFORMAN ed within ninety (90) days be completed by the coal gent for Coal Comparison.	COPY OF THE PLAT AND COPY OF THE PLAT AND CORE JUNE 5, 1929, FIVE (RECORD. NAND/OR AFTER JUNE 5, NCE BOND. of completion for bond release operator if the permit is to Coal Company, Owe maps this proposed well losely have no objections to sai	D THE ORIGINAL WELL RECORD 5) COPIES OG - 1, PERFORMANCE 1929, FIVE COPIES OG - 1, SHOW- se. Inspector to be notified twenty- be issued within ten days of receipt mer or Operator of the coal under		

Official Title