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#### STATE OF WEST VIRGINIA DEPARTMENT OF MINES

## Oil and Gas Division

## WELL RECORD

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Permit	No.	47-0	<u> 17-234</u>	7	

Fresh water.....

80

Producing Sand Weir and Injun

Oil\_ Rotary\_X\_ Cable\_\_\_\_\_ Gas\_\_\_ Recycling\_\_\_\_ Comb. x Water Flood\_\_ Storage\_

			Disposal	(Kind)
Company Industrial Gas Associates  Address Box 1610, Greenwich, Connecticut  Farm James Acres 215	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Location (waters) Long Run  Well No. 2 Elev. 900  District Central County Doddridge	Size 20-16 Cond.		The state of the s	
The surface of tract is owned in fee by	13-10" 9 5/8 8 5/8			
Mineral rights are owned by Lawrence James  Address Greenwood, West Virginia	7 5 1/2	240	240	115 sks
Prilling Commenced 3-1-79 Prilling Completed 3-6-79	4 1/2		2259	125 sks
nitial open flow <u>show</u> cu. ft. <u>bbls.</u> final production 850,000 cu. ft. per day 2bbls.  Vell open 4hrs. before test 900 RP.	2 Liners Used			
Vell treatment details:	Attach copy of co			
Weir - Fraced with 359 bbls. water - 2	8,000# sand -	50,000SCE	7 N <sup>2</sup>	

Injun - Fraced with 375 bbls. water - 28,000# sand - 50,000 SCF N2 Coal was encountered at. none Inches

\_Salt Water\_

Feet.

Froducing Sand Well	and Injun		Depti	<u>W-2060-2178</u> I	-1800-1904
Formation Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Soil Brown Sand & Shale lst Cow Run Whit Shale Black 2nd Cow Run Whit Shale Black Sand White Shale Black Sand White Shale Black Sand White Shale Black Sand White Shale Brown Big lime White Big Injun White Shale Black Weir Black Shale Black Shale Black TD	soft	0 10 955 968 1005 1039 1220 1265 1275 1350 1515 1575 - 1746 1800 1904 2060 2178 - 2251 2254	10 955 968 1005 1039 1220 1265 1275 1350 1515 1575 1746 1800 1904 2060 2178 2251 2254 2378		· · · · · · · · · · · · · · · · · · ·

(over)

Signed by \_







#### DEPARTMENT OF MINES

### Oil and Gas Division

## OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,	
Charleston, W. Va.	DATE2/5/79
Surface Owner	Company Industrial Gas Associates
Address	Address_ P.O. Box 1610, Oceansich, Conn.
Mineral Owner	Farm Acres
Address	Location (waters)
Coal Owner	Well No. 2 Elevation 900
Address	District Ex Cantral County County
Coal Operator M/A	The second secon
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	INSPECTOR TO BE NOTIFIED Paul Carrett
for <u>drilling</u> . This permit shall expire if	TO BE NOTIFIED
operations have not commenced by 10-7-79	ADDRESS St. Clarksburg,
Deputy Director - Oil & Gas Division	PHONE 622-3871
GENTLEMEN:	,"我们就是我们的,我们就是我们的,我们就是我们的。" "我们就是我们的,我们就是我们的,我们就是我们的,我们就是我们的,我们就是我们的,我们就是我们的,我们就是我们的,我们就是我们的,我们就是我们的,我们就是我们
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 lea	use dated
19	and recorded on the day of
	REDRILL FRACTURE OR STIMULATE
OIL AND GAS WELL ORIGINALLY DRIL	
	er or licensed land surveyor and all coal owners and/or operators
The above named coal owners and/or operator are here to make by Section 3 of the Code, must be received by,	eby notified that any objection they wish to make, or are required or filed with the Department of Mines within ten (10) days. *
	by registered mail, or delivered to the above named coal operators
PLEASE SUBMIT COPIES OF ALL	to Katrelat Can Laggertary
GEOPHYSICAL LOGS DIRECTLY TO:	(Sign Name) Well Operator
WEST VIRGINIA GEOLOGICAL AND	7.0. Box 1610,
ECONOMIC SURVEY Ad	ldress Street
1. U. DOX 0/9	of Operator
MORGANTOWN, WEST VIRGINIA 26505 AC-304 - 292-6331	City or Town
	Comecticut 06830
	State
notice and plat by the department of mines, to said proposed locat	he Department of mines, within said period of ten days from the receipt of ion, the department shall forthwith issue to the well operator a permit reciting all operators or found thereto by the department and that the same is approved
	47-017-2347 PERMIT NUMBER
"I have read and understand the reclamation requirements as Chapter 22, Article 4, Section 12-b and will carry out the specified re	set forth in

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

		DEEPENFI	RACTURE-STIMULATE
DRILLING CONTRACTOR: (If	Known)	RESPONSIBLE AGENT:	
NAME STATEMENT			
ADDRESS	*	ADDRESS	¥*.
TELEPHONE462-7092	27h 167 187h 187h	TELEPHONE	
ESTIMATED DEPTH OF COMPLE PROPOSED GEOLOGICAL FORM		ROTARY	CABLE TOOLS
		<b>.</b>	
TYPE OF WELL: OIL_			
	RECYC	LING WATER FLO	
TENTATIVE CASING PROGRAM			
CASING AND TUBING	USED FOR	LEFT IN	CEMENT FILL UP
20 - 16	DRILLING	WELL	OR SACKS - CUBIC 1-T.
13 - 10			
9 - 5/8			
3 - 5/8	160		
7	All the state of t	- 49 <i>0</i>	Market and the Market
5 ½			
1 1/2			
3			Perf. Top
2			Perf. Bottom
Liners		·	Perf. Top
		Tarian in a second	Perf. Bottom
S COAL BEING MINED IN THE	AREA?		
O DRILL:  SUBMIT FIVE (5) COPIES OF PLAT.  O DRILL DEEPER OR REDRILL SUBMIT FIVE (5) COPIES OF WELLS DRILLED PRIOR TO MUST ALSO BE SUBMITTED	AREA?  OF OG - 1, \$100.00 PERM  .: F OG - 1, SHOWING ORIGO 1929, A PERMANENT (	BY WHOM?	ND AND PERMANENT COP
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Official Title