Plot of Log Card CSD . 0 Letitudo <u>88</u> ACRES SURFACE : LONNIE JAMESLI MINERALS : 1/3 N. SHEPPERD 1160 1/3 APPALACH. NAT. RES., INC. our E 1/3 GORE MORRIS TRUST FUND - (1) Les DOAK P. STONE MOORE EL. 920 JACKSON DOTSON THOMAS ACCURACY: | /200' DEEP VALLEY (750') Source of Elevation ___ I, the undersigned, hereby certify that this map is correct to the best of my knewledge New Location __ and belief and shows all the information required by paragraph 6 of the rules and GAS Drill Deeper _ tions of the oil and gas section of the mining laws of West Virginia. Abandonment . Fracture _ Redrill WEIR 2400' Company INDUSTRIAL GAS ASSOCIATES STATE OF WEST VIRGINIA DEPARTMENT OF MINES Address GREENWICH, CONN. Farm N. SHEPKERD OIL AND GAS DIVISION Acres 88 CHARLESTON Lease No. Well (Farm) No.____ | WELL LOCATION MAP _Serial No. Elevation (Spirit Level)__ 920' FILE NO. 47-017-2356 Quadrangle WEST UNION (7.5') /5' County DODDRIDGE District CENTRAL + Denotes location of well on United States Topographic Maps, scale 1 to 34.39, latitude Engineer CHET WATERMAN and longitude lines being represented by border Engineer's Registration No. 3788 lines as shown. File, No. 79-136 Drawing No. - Denotes one inch spaces on border line of original tracing. _Scale__|'' ___500' MAR 3 0 1979 1,2500 Beren CENTRAL STATION 91



STATE OF WEST VIRGINIA PEPARTMENT OF MINES

Oil and Gas Division

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Signed by _





Oil and Gas Division

OIL & GAS DIVISION

OIL AND GAS WELL PERMIT APPLICATION OF MINES

TO THE DEPARTMENT OF MINES, Charleston, W. Va.	DATE March 7, 1979
Surface Owner Lounie James	Company Industrial Gas Associates
Address Greenwood, V.V.	Address Box 1610 Greenwich, Conn. 96830
Mineral Owner Lillie Shephera	
Address Box 94 Greenwood, W.V.	
Coal OwnerN/A	
Address N/A	
Coal Operator N/A	
AddressN/A	—— Quadrangie ————————————————————————————————————
THIS PERMIT MUST BE POSTED AT THE WELL SITE	
Al' provinces being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved	INSPECTOR TO BE NOTIFIED Mr. Paul Garrett
for <u>drilling</u> . This permi shall expire if	the Mark to the state of the st
operations have not commenced by 11-9-79	ADDRESS 321 Beach Street, Clarksburg, W.V.
GENTREMEN rector - Oil & Gas Division	PHONE 622-3371
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 leas	e dated Peb. 26 1979 hr Lille
Shepherd made to Petroleum Services,	Inc. and recorded on the 27 day of Peb.
1979, in Doddridge County, Book 107	Page _499
10, 1995, 195	REDRILL FRACTURE OR STIMULATE
OIL AND GAS WELL ORIGINALLY DRILL	FD REPORE HINE 5 1000
ondivanti pitti	ED DEFORE JUNE 5, 1969.
The enclosed plat was prepared by a registered enginee have been notified as of the above date.	r or licensed land surveyor and all coal owners and/or operators
The above named coal owners and/or operator are herel to make by Section 3 of the Code, must be received by, o	by notified that any objection they wish to make, or are required r filed with the Department of Mines within ten (10) days. *
Copies of this notice and the enclosed plat were mailed or coal owners at their above shown respective addresssame day with the mailing or delivery of this copy to the	by registered mail, or delivered to the above named coal operators day
	Very truly yours, Industrial Gas Associates
PLEASE SUBMIT COPIES OF ALL	
GEOPHYSICAL LOGS DIRECTLY TO:	(Sign Name) Well Operator
WEST VIRGINIA GEOLOGICAL AND	P.O. Box 1610
	ress Street
P. O. BOX 879 MORGANTOWN, WEST VIRGINIA 26505 Well O	
AC-304 - 292-6331	City or Town
	Cormecticut 06830
	State
notice and plat by the department of mines, to said proposed location	Department of mines, within said period of ten days from the receipt of in, the department shall forthwith issue to the well operator a permit reciting operators or found thereto by the department and that the same is approved
	47-017-2356
"I have read and understand the reclamation requirements as se	PERMII NUMBER
Chapter 22, Article 4, Section 12-b and will carry out the specified requ	t forth in direction of the control

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 CON STATEMENT		NAMEDallas Frederick		
ADDRESS <u>Letter Gap.</u>		ADDRESS 3. Nobe W.V.		
TELEPHONE <u>462-7099</u>				
ESTIMATED DEPTH OF COMPI	LETED WELL: 2500	ROTARY XX CABLE TOOLS		
PROPOSED GEOLOGICAL FORI	MATION:	CABLE TOOLS		
		COMB STOP AC	GE DISPOSAL	
·				
TENTATIVE CASING PROGRAM			LOOD OTHER	
CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT:	
20 - 16		The second secon		
13 - 10				
9 - 5/8				
8 - 5/8	2401	240*	Cinc	
7 5 ½				
4 ½		Site date on the site		
3		25001	125 583	
2			Perf. Top	
Liners			Perf. Bottom Perf. Top-	
			Perf. Bottom	
SUBMIT FIVE (5) COPIES OF WELLS DRILLED PRIOR TO MUST ALSO BE SUBMITTED FRACTURE - STIMULATE: OIL AND/OR GAS WELL OR BOND, PERMANENT PLAT	L: OF OG - 1, SHOWING ORIG O 1929, A PERMANENT C D. CIGINALLY DRILLED BEFO AND ORIGINAL WELL REG IGINALLY DRILLED ON A	INAL PERMIT NUMBER AND OPY OF THE PLAT AND REJUNE 5, 1929, FIVE (5) CORD.	SOND AND PERMANENT COPY ND PERFORMANCE BOND. ON THE ORIGINAL WELL RECORD COPIES OG - 1, PERFORMANCE 29, FIVE COPIES OG - 1, SHOW-	
Required forms must be filed four (24) hours in advance.	within ninety (90) days of a	completion for bond release.	Inspector to be notified twenty-	
The following waiver must be	completed by the coal one	erator if the normit is to be	issued within len days of receipt	
VAIVER: I the undersigned, Agen this lease have examined	t for d and place on our mine ma	Coal Company, Owner	r or Operator of the coal under ion.	
We the	Coal Company	have no objections to said w	vell being drilled at this location, 7, Chapter 22 of the West Virginia	
Code.		and the state of t	a, and a di the west virginia	
and the second s	en e			
		F	or Coal Company	

Official Title