



### STATE OF WEST VIRGINIA DEPARTMENT OF MINES

AUG 2 0 1979

# Oil and Gas Division WELL RECORD

OIL & GAS DIVISION
DEPT. OF MINES

Rotary_X	Oil
Cable	Gas X
Recycling	
Water Flood	Storage
Disposal	

Quadrangle Thornton

Well treatment details:

Permit No. <u>17-077-0</u>192

(Kind) Company Consolidated Gas Supply Corp. Casing and Used in Left Cement fill up Address 1115 W. Main St., Clarksburg, WV in Well Tubing Drilling Cu. ft. (Sks.) Farm Ferman H. Clarkson Acres 192 Location (waters) Little Sandy Creek Size Well No. 12526 \_ Elev. 1500! 20-16 District Reno \_ County Preston Cond. The surface of tract is owned in fee by\_\_\_\_ 13/10'11 3/4" 241 241 To surface F. H. Clarkson 9 5/8 Address Rt. 1 Thorton WV 261110 8 5/8 1008 1008 To surface Mineral rights are owned by Same 5 1/2 \_\_ Address\_ Drilling Commenced August 16, 1978 4 1/2 7570 7570 370 Sks. Drilling Completed\_\_\_ August 22, 1978 Initial open flow 43.7M \_cu. ft. \_ \_ bbls. Final production 239M cu. ft. per day bbls.

Well open 1 hrs. before test 725# RP. Liners Used

Attach copy of cementing record.

Well fractured in Riley with 60,000# sand. 700 bbls. of water & 500 gal. 15% Hcl.

Perforations: 1,068 - 1,079! with 18 holes.

Well fractured in Balltown with 60,000# sand. 700 bbls. of water & 800 gal. 15% Hcl.

Perforations: 3152 - 3158! with 9 holes and 3162 - 3161! with 3 holes.

Coal was encountered at 250 % 160 Feet 21 % 36 Inches

Fresh water 35, 100, 210 % 530 Feet Salt Water none Feet Producing Sand Riley & Balltown Depth See perforations

Producing Sand Hiley & Balltown	Depti	DepthSee perforations				
Formation Color Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water		* Remarks	
Clay Sand & Shale Coal Sand & Shale Coal Sand & Shale Big Lime Injun Sand & Rock Brown Sand Sand & Shale Benson, Sand & Shale KBM 11' above G. L.	0 5 250 252 460 463 1325 1315 1515 1165 1180 1230 1250	5 250 252 460 463 1325 1415 1515 4165 4180 4230 4250 4413	Water Water Water Water Gas Gas Gas Gas Gas T.D.	35' 100' 210' 530' 2788' 3756' 4163' 1413' Test	Damp 1" Stream more 1" Stream 28.2M 38.4M 38.4M 31.9M 43.7M	

(over)

<sup>\*</sup> Indicates Electric Log tops in the remarks section.

Formation Color Hard or Soi	ft Top Feet //	Bottom Feet	Oil. Gas or Water	* Kemarks	*
Gamma Ray Tops ittle Lime ig Lime ig Injun ocono eir erea Stray erea antz-A or ordon Stray ordon th th-A th ayard ower Bayard arren oper Speechley eechley lltown adford ley nson Total Depth	1280 1342 1425 1541 1595 1741 1788 1831 1897 2036 2109  2269 2290 2351 2481 2546 2745 2964 3069 3144 3528 3964 4224	1294 1425 1525 1568 1644 1774 1815 1880 2010 2069  2236 2287 2344 2445 2517 2573 2768 3014 3117 3371 3637 4125 4246			*
Total Beptil		111.05		* * *	
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		1.1			
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Date August 13.	
APPROVED _Consolidated Gas	Supply Corp. Owner
	Manager of Prod.





DEPARTMENT OF MINES

OIL & GAS DIVISION DEPT. OF MINES

#### Oil and Gas Division

#### OIL AND GAS WELL PERMIT APPLICATION

Surface Owner 2, 2, Clapkson  Address Rt. 1, Thorton, V. Vo. 26400  Address Rt. 1, Thorton, V. Vo. 26400  Address Rt. 1, Thorton, V. Vo. 26400  Address  Coal Owner Sine  Address  Coal Owner Inknown  Address  Coal Operator. Mone  Coal Operat	TO THE DEPARTMENT OF MINES,	
Address Nt. 1, Thorkon, Y. Vz. 25th O  Mineral Owner Same  Address  Address  Coal Owner Ifinknoum  Address  Coal Owner Ifinknoum  Address  District Rong  Coal Operator Mome  Address  District Rong  County Frant  Address  District Rong  County Frant  Address  THIS PERMIT MUST BE POSTED AT THE WELL SITE  All provisions being in accordance with Chopter 22. of the W. Vg. Code, the location is hereby controved for drilling  This permit sholl expire if  TO BE NOTIFIED  Milliam Blosser  ADDRESS  P. D. Rox 1028, Colfax, WV 26564  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 title thereto, (or as the case may be) under grant or lease dated July 19, 1965 by Fernam H.  Clarkson made to Connolidated Cas Supply and recorded on the 13th day of August 19, 5 in Preston County, Book 380 Page List.  X NEW WELL DRILL DEEPER REDRILL FRACTURE OR STIMULAT OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.  The enclosed plat was prepared by a registered engineer or licensed iand surveyor and all 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 ton (10) days.*  Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operator same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.  Very truly yours.  PLEASE SUBMIT COPIES OF ALL (Sign Name)  West VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY  P. O. BOX 879  MORGANTOWN, WEST VIRGINIA 26505  Well Operator  Clary of Your Town  Charleston, West Virginia a	Charleston, W. Va.	DATE July 18, 1978
Address 2t. 1, Thorbon, W. Vo. 24440  Mineral Owner Sann  Address  Location (waters) Life Name Acres 132  Address  Coal Owner Unknown  Address  Coal Operator Mona District 2000 County Prestre  Coal Operator Mona Quadrangle Thornton  Address  THIS PERMIT MUST BE POSTED AT THE WELL SITE  All provisions being in accordance with Chapter 22, of the W. Vo. Code, the location is hereby approved for drilling	Surface Owner F. H. Clarkson	Company Conselidated Gas Supply Corn.
Mineral Owner 3000  Address Location (waters) Little Sandy Creek  Coal Owner Infirmam Well No. 12526 Elevation 15000  Address District Ren2 County Press.  Coal Operator Mone Quadrangle Thornton  Address District Ren2 County Press.  All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby controved for drilling This permit shall expire if Operations have got commenced by 12-1-78  ADDRESS P. Q. Rox 1028, Colfax, W. 26566  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 title thereto, (or as the case may be) under grant or lease dated July 19, 1955 by Perman II. Clarkson made to Connol idaded for Supply and recorded on the 13th day of August 19, 45 in Deputy Discordance of County, Book 320 Page 1-61.  X NEW WELL DRILL DEEPER REDRILL FRACTURE OR STIMULAT OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1989.  The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operator are hereby notified that any objection they wish to make, or are required or 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 operator same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.  PLEASE SUBMIT COPIES OF ALL (Sign Name) West Virginia.  Wery truly yours.  West VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY  P. O. BOX 879  MORGANTONN, WEST VIRGINIA 26505  Well Operator Town Town.  Clarythylury. West Virginia	Address Rt. 1, Thorton, V. Va. 26140	
Address Coal Owner Unknown Well No. 12524 Elevation. 15304  Address District. 2010 County Profits  Coal Operator. None Quadrangle. Thornton  Address District. 2010 County Profits  Coal Operator. None Quadrangle. Thornton  Address This Permit Must BE POSTED AT THE WELL SITE  All provisions being in accordance with Chopter 22, of the W. Vo. Code, the locotion is hereby operaved for drilling. This permit sholl expire if TO BE NOTIFIED William Bloscer  Operations hove got commenced by 12-1-78  ADDRESS P. O. Box 1029, Colfax, WI 26566.  Deputy Director Oll & Gos Division PHONE 363-0105  GENTLEMEN:  The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having title thereto, (or as the case may be) under grant or lease dated July 19, 1955 by Perman II.  Clarkson made to Consolidated Gas Supply and recorded on the 13th day of August 19.65 in Preston. County, Book 330 Page 1.91  X NEW WELL DRILL DEEPER REDRILL FRACTURE OR STIMULAT 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 operator 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 filled with the Department of Mines within ten (10) days. *  Copies of this notice and the enclosed plat were mailed by registered mails or delivered to the above named coal owners and/or operator same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.  Very truly yours.  Copies of this notice and the enclosed plat were mailed by registered mails or delivered to the above named coal owners and/or operator and the plant of the code of t	Mineral Owner Same	, ,
Coal Owner Winknown Well No. 12526 Elevation 13001 Address District Reno County Prosts Coal Operator Mono Quadrangle Thornton Address THIS PERMIT MUST BE POSTED AT THE WELL SITE  All provisions being in accordance with Chopter 22, of the W. Va. Code, the location is hereby operators of or drilling This permit sholl assoried for drilling To BE NOTIFIED William Bloscer Operations have not commenced by 12-1-78  ADDRESS P. O. Rox 1028, Colfax, W. 26564  Deputy Director Oll & Gas Division PHONE 363-9105  GENTLEMEN:  The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having title thereto, (or as the case may be) under grant or lease dated July 19. 1965 by Ferman H.  Clarkson made to Consolidated Gas Supply and recorded on the 12th day of Augus X. NEW WELL DRILL DESPER REDRILL FRACTURE OR STIMULAT 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 operator 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 operator coal owners at their above shown respective address to coal owners at their above shown respective address to coal owners at their above shown respective address to coal owners at their above shown respective address to coal owners at their above shown respective address to coal owners at their above shown respective address to coal owners at their above shown respective address to coal owners at their above shown respective address to coal owners at their above shown respective address to coal owners at their above shown respective address to coal owners at their above shown respective address to coal owners at their above shown respective address to coal owners at their above shown respective address to coal owners at their above shown respective address to c	Address	
Address Coal Operator Mone Address THIS PERMIT MUST BE POSTED AT THE WELL SITE  All provisions being in accordance with Chopler 22, of the W. Va. Code, the location is hereby operaved for drilling This permit shall expire if operations have not commenced by 12-1-78  Deputy Director Oll & 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 title thereto, (or as the case may be) under grant or lease dated July 19, 1965 by Ferman H.  Clarkson made to Consolidated Gas Supply and recorded on the 13th day of Augus 1965 in Preston County, Book 380 Page 1.41.  X NEW WELL DRILL DEEPER REDRIL FRACTURE OR STIMULAT 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 operator 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 operator or coal owners at their above shown respective address  Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operator or coal owners at their above shown respective address  Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operator same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.  Very truly yours.	Coal Owner Unknown	•
Coal Operator Mone Address THIS PERMIT MUST BE POSTED AT THE WELL SITE  All provisions being in accordance with Chopter 22, of the W. Vo. Code, the location is hereby approved for drilling This permit shall expire if TO BE NOTIFIED William Blosser  Operation have not commenced by 12-1-78  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 title thereto, (or as the case may be) under grant or lease dated July 19, 1965 by Fernan II.  Clarkson made to Consolidated Gas Supply and recorded on the 13th day of Augus 19 45 in Preston County, Book 380 Page 141.  X NEW WELL DRILL DEEPER REDRILL FRACTURE OR STIMULAT 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 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 owners at their above shown respective address ———————————————————————————————————	Address	
Address  All provisions being in accordance with Chapter 22, of the W. V. Code, the location is hereby opproved for drilling this permit sholl expire if appropriate to the specific permit sholl expire if to BE NOTIFIED William Blasser  Operations have not commenced by 12-1-78  ADDRESS P. O. Box 1028, Golfax, WV 26565.  Deputy Director Oil & Gas Division PHONE 363-9105  GENTLEMEN:  The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having title thereto, (or as the case may be) under grant or lease dated 101 y 2, 1965 by Perman H. Clarkson made to Consolidated Gas Supply and recorded on the 13th day of Augus 19.55 in Preston County, Book 380 Page 1.51.  X NEW WELL DRILL DEEPER REDRILL FRACTURE OR STIMULAT 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 operator 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 operator coal owners at their above shown respective address become 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, Verst Winginia Street  Very truly yours, Verst Wath Street  Very truly yours, St	Coal Operator None	
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Deputy Director - Oil & Gos Division  PHONE 363-9105  GENTLEMEN:  The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having title thereto, (or as the case may be) under grant or lease dated July 19, 1965 by Ferman H.  Clarkson made to Consolidated Gas Supply and recorded on the 13th day of Augus 1965 in Preston County, Book 380 Page 1641  X NEW WELL DRILL DEEPER REDRILL FRACTURE OR STIMULAT 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 operator 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 operator or coal owners at their above shown respective address ———————————————————————————————————	of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 12-1-78	TO BE NOTIFIED William Blosser
GENTLEMEN:  The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having title thereto, (or as the case may be) under grant or lease datedJuly 19,		DUOVE A CALLED
The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having title thereto, (or as the case may be) under grant or lease dated July 19, 1965 by Ferman H.  Clarkson made to Consolidated Cas Supply and recorded on the 13th day of Augus 1945, in Freston County, Book 380 Page 1.61.  X NEW WELL DRILL DEEPER REDRILL FRACTURE OR STIMULAT 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 operator 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 operator 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.  PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:  WEST VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY Address of Well Operator Well Operator Street City or Town  AC-304 - 292-6331  AC-304 - 292-6331	Deputy Director - Oil & Gas Division	PHONE 353-9105
title thereto, (or as the case may be) under grant or lease dated July 19, 1955 by Ferman H.  Clarkson made to Consolidated Gas Supply and recorded on the 13th day of Augus  19.55 in Freston County, Book 380 Page 1.61.  X NEW WELL DRILL DEEPER REDRILL FRACTURE OR STIMULAT  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 operate 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 operate or coal owners at their above shown respective address 40 per coal owners at their above shown respective address 50 per coal owners at their above shown respective address 60 per truly yours.  PLEASE SUBMIT COPIES OF ALL (Sign Name)  West VIRGINIA GEOLOGICAL AND 60 perator	GENTLEMEN:	
title thereto, (or as the case may be) under grant or lease dated July 19, 1955 by Ferman H.  Clarkson made to Consolidated Gas Supply and recorded on the 13th day of Augus  19.55 in Freston County, Book 380 Page 1.61.  X NEW WELL DRILL DEEPER REDRILL FRACTURE OR STIMULAT  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 operate 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 operate or coal owners at their above shown respective address 40 per coal owners at their above shown respective address 50 per coal owners at their above shown respective address 60 per truly yours.  PLEASE SUBMIT COPIES OF ALL (Sign Name)  West VIRGINIA GEOLOGICAL AND 60 perator	The undersigned well operator is entitled to drill up	pon the above named farm or tract of land for oil and gas having for
Clarkson made to Consolidated Gas Supply and recorded on the 13th day of Augus 19.65 in Fracton County, Book 390 Page 161.  X NEW WELL DRILL DEEPER REDRILL FRACTURE OR STIMULAT 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 operator 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 operator coal owners at their above shown respective address day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.  PLEASE SUBMIT COPIES OF ALL (Sign Name)  West VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY P. O. BOX 879 of Well Operator West Virginia Street  Well Operator Street  Well Operator Lips West Wirginia  Clarksburg, West Wirginia	title thereto, (or as the case may be) under grant or	lease dated July 19. 1965 by Farmen H.
NEW WELL DRILL DEEPER REDRILL FRACTURE OR STIMULAT 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 operator 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 require 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 operator 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,  WEST VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY  P. O. BOX 879  MORGANTOWN, WEST VIRGINIA 26505  Well Operator  Well Operator  List Mest Main Street  City or Town  Clarkshurg, West, Virginia	Clarkson made to Consolidated Gas	Supply and recorded on the 13th day of August
NEW WELL	19 55 in Preston County, Book 3	380 Page 1.61
The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operator 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 operator or coal owners at their above shown respective address	Tr.	
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Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operator or coal owners at their above shown respective address	to make by Section 3 of the Code, must be received by	y, or filed with the Department of Mines within ten (10) days. *
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  City or Town  City or Town  Clarksburg, West, Virginia	of coal owners at their above snown respective address	day hefore or on the
WEST VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY P. O. BOX 879 MORGANTOWN, WEST VIRGINIA 26505 AC-304 - 292-6331  Address Of Well Operator City or Town  Clarksburg, West, Virginia		(Sign Name) The Survey Changory of Prod
	ECONOMIC SURVEY P. O. BOX 879 MORGANTOWN, WEST VIRGINIA 26505 Wel	Address Supplicated Gas Supplication.  Street  Of  Il Operator    1/15   West Main Street

\*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.

PRES-192 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
Dividence Contractor: (II	Known)	RESPONSIBLE AGES	NT:
NAME S. V. Jack Drillin	ng Co.		ayne
ADDRESS <u>Indiana</u> , Pa.		ADDRESS Bridge	port, W. Va.
TELEPHONE		TELEPHONE 400	-3611
ESTIMATED DEPTH OF COMPL	ETED WELL: 13801	ROTARY	_ CABLE TOOLS
PROPOSED GEOLOGICAL FORM	MATION: Benson		_ CHARA TOOLS
TYPE OF WELL: OIL_	GAS Z CO	MB. STOR A	GF Dunoa
	RECYCLING	WATER E	LOOD OTHER
TENTATIVE CASING PROGRAM		,	OTHER
CASING AND TUBING	USED FOR	LILT O	
SIZE	DRILLING	LEFT IN WELL	OR SACKS - CUBIC 11.
20/- 16	20!	201	m 2
1/3/-/1/0/ 11 3/1 <sub>1</sub> <sup>11</sup>	150'	1501	
	9501	9501	To surface
1/2			
		<u></u>	125 sks.
			Perf. Top
iners			
			Perf. Top Perf. Bottom
DRILL DEEPER OR REDRILL: SUBMIT FIVE (5) COPIES OF WELLS DRILLED PRIOR TO MUST ALSO BE SUBMITTED.	OC 1 SHOWING STA	PERMIT NUMBER AN OF THE PLAT AND T	ID PERFORMANCE BOND. O THE ORIGINAL WELL RECOR
FRACTURE - STIMULATE:			
OIL AND/OR GAS WELL ORIGINATION OF AND OF THE ORIGINAL ORIGINAL OF THE ORIGINAL ORIG	GINALLY DRILLED BEFORE J	UNE 5, 1929, FIVE (5) (	COPIES OG - 1, PERFORMANCI
OIL AND/OR GAS WELL ORIGING ORIGINAL PERMIT NUMB	INALLY DRILLED ON AND A	_	9, FIVE COPIES OG - 1, SHOW
Required forms must be filed w four (24) hours in advance.	ithin ninety (90) days of compl	etion for bond release.	Inspector to be notified twenty
The following waiver must be ceof.	completed by the coal operator	if the permit is to be is	ssued within tow decree
VER: I the undersigned Agent 6	,		whilm wn days of receip
VER: I the undersigned, Agent for this lease have examined a	- maps th	45 Oronosed well location	
providing operator has comp	Coal Company have no clied with all rules and regulation	o objections to said we s in Articles 4, 5, and 7,	ll being drilled at this location, Chapter 22 of the West Virginia
All Control			
		For	Coal Company
			Otficial Title