

Indicates Electric Log tone in the rows



#### . STATE OF WEST VIRGINIA DEPARTMENT OF MINES

## Oil and Gas Division

### WELL RECORD

Quadranglei			WELL	RECORD		Rotary	Comb. XX od. Sturage
Address 41	ecurity 7½ Secon	Gas & Oil nd Street mer	St. Marys,	W. Vasing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Location (wat Well No#	ters)I	Big Run	Acres 238 Elev. 827	Size 20-16			(583.)
- MILL 10 COMPANY	nion	County_P	leasants	Cond.			
The surface o Horn		med in fee by $\frac{1}{2}$	Norman	13-10"	07.5		
		Bens Run	W.Va.	9 5/8 8 5/8	937	<del> </del>	Cement to Surfa
		y Norman		7		<del> </del>	1
	AddressS	Star Route.		5 1/2			
Trilling Comn	E	5-21-79 5-26-79,/		4 1/2	2971		366 Sacks
Orilling Comp	ieted		200	3	0.55		
nitial opën fl	ow 150.0	000 cu. ft 000 ft. per day	(12) bbls.	Liners Used	2670	<del> </del>	No Cement
Vell open		_hrs. before test	1/1//-	Elliers Oseu			•
ell treatment		Octobe test	Nr.	Attach copy of	cementing reco	v-d	
500 Ga	l. MOD 2	202	52,000 Gal		comeming rece	nu.	
90,000	20-40 8	Sand	500 lb. WG	-12			· · · · · · · · · · · · · · · · · · ·
_500_1h			35 Gal. Cl	ay Sta			
25 Gal	Frac F			0.0			
		<u>IQ</u>	mcf + 12	7.400			
oal was encor	untered at	0	Feet	0			
resh water	. 35	f	eet <u> </u>		Inche Water	_	_ Feet
oducing Sand	i Gord	lon		Dept	2692 26	90_	FEET
- 1							
Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or	Water	* Remarks
ay	Yellow	Soft	0	80			
undstone	•	Hard	80	100			
ay	Red	Soft	100	140			
ale	Gray	Soft	140	200			
nale	Red	Soft	200	250			•
nale	Gray	Soft	250	290			
ale	Red	Soft	290	390			
nale	Gray	Soft	390	420			
ale	Red	Soft	420	450			
ale	Gray	Hard	450	480			
ale	_						
	Red	Soft	480	490			
ale	Gray	Hard	490	560			
and	White	Soft	590	580			
nale	Gray	Soft	. 580	590			
ale	Gray	Hard	590	640			•
					OVER		MAY 1 6 1983
			(ov		0.00		_
			107	CII			

Formation	Calor	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
	Cmox	Hard	640	650		
ime	Gray Gray	Soft	650	760		
hale	Red	Soft	760	790		
hale		Soft	790	805		
hale	Gray	Soft	805	815		
and	Gray	Soft	815	995		
hale	Red	Soft	995	1155		
hale	Gray	Hard	1155	1195		
Sand	Gray	Soft	1195	1325		
Shale	Gray	Hard	1326	1385		
Sand	Gray	Hard	1385	1415		
Shale	Gray	Soft	1415	1585	)	
Shale	Gray	Hard	1585	1615		
Sand	Gray	Soft	1615	1645	•	
Shale	Gray	Hard	1645	1745	•	
Big Lime			1745	1765	1	
Sand Ke	G ay	Soft	1765	1800		
Shale	Gray	Soft	1800	1834		
Sand In		Hard	1834	1846		
Shale	Gray	Soft	1846	1914		
Sand		Hard	1914	2000		
Shale	Gray	Soft	2000	2080		
Sand & Shale	Gray	Soft	,			
Shale	Gray	Soft	2080	2140		
Sand & Shale	Gray	Hard	2140	2230		•
Shale	Gray	Soft.	2230			
Sand & Shale	Graj	3	2380		,	
Shale	Graz	y Soft	2460	1		
Sand & Shale	Gra	~ AL	2598			
	iden Gra	y Hard	2678			
Shale	Gra	- A -	2692	2 2971	) <del>1</del> 10	
198	1 produc	tion 9233 m 10197,7	1			
				Da	January 21,	

APPROVED Security Gas & Oil Inc. Owner

w Frank & Pettet





OIL & GAS DIVISION DEPT. OF MINES

#### Oil and Gas Division

#### OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,		
Charleston, W. Va.	DATE April 9, 1979	
Surface Owner Iva B. Horner	Company Security Gas &	Oil Inc.
Wilher W. Va. c/o Roman Pion	100 Bush St. Suit	-a 2301
Mineral Owner Same	Address San Francisco, ( Farm Iva Horner	Da 94104 Acres238,38
Address	Location (waters) Big Su	<u> </u>
Coal Owner Same	Well No. One	Elevation 827
Address	District_ Union	County Pleasant:
Coal Operator Cone	Quadrangle Bens Run	
Address		
All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved	INSPECTOR	
or drilling . This permit shall expire if	TO BE NOTIFIED Philip Tra	acy
operations have not commenced by 1-10-80	ADDRESS Middlebourne, W.	.Va.
Physic Green Gas Division	PHONE 1-304-758-4573	
GENTLEMEN:		
The undersigned well operator is entitled to drill up	on the above named farm or tract of land fo	or oil and gas having fee
1978, in Pleasants County, Book	tel and recorded on the 19t	th day of April
The enclosed plat was prepared by a registered engineave been notified as of the above date.	·	owners and/or operators
The above named coal owners and/or operator are h to make by Section 3 of the Code, must be received by		
Copies of this notice and the enclosed plat were mai or coal owners at their above shown respective address same day with the mailing or delivery of this copy to t	s day	before, or on the
	Very truly yours,	
PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:	(Sign Name) Jan Well Operator Security Gas	Vitale P
WEST VIRGINIA GEOLOGICAL AND	100 Bush St. Su	
ECONOMIC SURVEY	Address Street	TOC E JOT
P 0 R0Y 879	of Il Operator San Francisco City or Town	Ca 94104
	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.

47-073-0758

\_\_PERMIT NUMBER

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

		ADDRESS Rt. 39, St. Marys, W. Va. 2617			
DRILLING CONTRACTOR: (If					
AME					
DDRESS					
ELEPHONE			4-684-7259		
STIMATED DEPTH OF COMP			CABLE TOOLS		
ROPOSED GEOLOGICAL FOR					
YPE OF WELL: OIL_	GAS	COMB. XXX STORA	GE DISPOSAL		
	RECYCI	LING WATER F	CLOODOTHER		
ENTATIVE CASING PROGRAM	<b>M</b> :				
CASING AND TUBING	USED FOR	LUCTIN			
SIZE	DRILLING	LEFT IN WELL	CEMENTALL UP OR SACKS CUBICAL		
- 16					
- 10	,				
- 5/8					
5/8	250	2501	Fill-up		
<b>½</b>					
2	3000°	3000	180 sacks		
· · · · · · · · · · · · · · · · · · ·			Pert. Top		
			Perf. Bottom		
cts			Perf. Top		
			Perf. Bottom		
DRILL: SUBMIT FIVE (5) COPIES OF PLAT.  DRILL DEEPER OR REDRIL SUBMIT FIVE (5) COPIES OF WELLS DRILLED PRIOR TO MUST ALSO BE SUBMITTE: FRACTURE - STIMULATE: OIL AND/OR GAS WELL OR BOND, PERMANENT PLAT	OF OG - 1, \$100.00 PERM L: OF OG - 1, SHOWING ORIG O 1929, A PERMANENT CO D.  RIGINALLY DRILLED BEFO AND ORIGINAL WELL REC	IT FEE, PERFORMANCE INAL PERMIT NUMBER A COPY OF THE PLAT AND ORE JUNE 5, 1929, FIVE (5) CORD.	BOND AND PERMANENT COPY  AND PERFORMANCE BOND. ON  THE ORIGINAL WELL RECORD  O) COPIES OG - 1, PERFORMANCE  929, FIVE COPIES OG - 1, SHOW-		
Required forms must be filed four (24) hours in advance.			e. Inspector to be notified twenty-		
VER: I the undersigned, Agen this lease have examined We the	e completed by the coal ope t for d and place on our mine m Coal Company	Coal Company, Own aps this proposed well local have no objections to said	e issued within ten days of receipt er or Operator of the coal under ation.		
providing operator has co Code.	omplied with all rules and regi	ulations in Articles 4, 5, and	17, Chapter 22 of the West Virginia		
			Official Title		