

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD/2

Rotary X Oil

Quadrangle Ce		nt NE				CableRecycling_	GasX
Permit No. WE	T-593					Disposal	-
		N					(Kind)
		Natural Gas Co		Casing and	Used in	Left	Cement fill up
		t., Munhall, I		Tubing	Drilling	in Well	Cu. ft. (Sks.)
		rt Ac	cres				
Location (water	•		71051	Size			
		Elo		20-16	70.	701	
		County We 1		Cond. 16"	10'	10'	
		vned in fee by <u>En</u>	lory	13-10" 10-3/4"	1135'	1135'	600 sacks
Talkir		T.I T/o		9 5/8	· · · · · · · · · · · · · · · · · · ·		
Address Smit			/	8 5/8 7			
Mineral rights a	re owned ∴v÷in-fa	by Pat Dallison	nan Ave.		23541	23541	35 sacks
	Mddress Ci	by Pat Dallison ct, 1418 Hoffm arksburg, W.Va	26301	5 1/2 4 1/2		-	
Drilling Comme	encea	NOV. 0, 197	5		32351	32351	110 sacks
Drilling Comple				3			
		cu. ft		Linous Hard			
Final productio	u Toy	per day	bbls.	Liners Used			
-		irs. before test.	ユ3ラ RP.		P. Spin School Service on the Service Service State Communication Service Serv	Colonia de Latina de Sentino de Colonia de C	
Well treatment				Attach copy of c	ementing rec	ord.	
Fractured	8/21/73	three stag	ge s - 3 112	2-3188', 2956-	.2962 ', ar	nd 2402-24	131', using
2098 bbl.	water a	nd 65,000# 20-	-40 sand.		· · · · · · · · · · · · · · · · · · ·		
			·				

Coal was encou	intered at_	1100-1105'	Fcet	60	Inch	es	
Fresh water		Fe					Feet
Producing Sand		Injun Sand	(301)	Depth	Injun 2402	2 -31) (29	<u>756-62')</u>
	Gor	don Sand			3112	-3188'- <i>C</i>	and)
Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas o		* Remarks
Q1					,		·
Clay Red Rock			0	15			
Sand			15 40	40 80			
Slate			80	112			
Sand			112	150			· · · · · · · · · · · · · · · · · · ·
Red Rock			150	173		ECEIN	
Sand		ļ	173	226		DOFFIE !	
Red Rock			226	247	13	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	072
Sand			247	261		DEU 171	913
Slate			261	273	6311	& GAS DIV	C BON
Red Rock Slate			273	291		T. OF N	4 MEC
Sand			291 307	307 320	ما درستا النسبط	N. Ot Li	Egg S. S. Bangson
Red Rock			320	341			
Slate			341	354			
Red Rock			354	365	•		
Slate			365	36 8			
Red Rock		• *	368	373			
Lime Shells	3		373	436			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Red Rock Slate			436	495			
Red Rock			495 561	561			
Slate			595	595 734			
Sand			734	790			

(over)

^{*} Indicates Electric Log tops in the remarks section.

Formation Color	Hard or Soft	Top Feet /2	Bottom Feet	t Oil, Gas.or Water	* Remarks
Slate Slate and Shells		790	801		·
Slate and Shells	·	801	814		
Sand		814	821		
Slate		821 825	825		
Sand	1.	8 7 0	870 888		
Slate		888	8 96	•	
Sand		896	905		
Slate		905	915		
Sand		915	946		
Slate and Sand Sand		946	989		·
Slate and Shells		989	1016		
Sand		1016	1072		
Slate and Shells		1072 1078	1078		
Coal		1100	1100 1105		
Slate and Shells		1105	1184		•
Slate		1184	1207		
Red Rock		1207	1220		
Slate	,	1220	1225		
Slate and Shells FRed Rock	1	1225	1292		
Slate and Shells		1292	1325		
Sand		1325 1427	1427	• • •	
Slate	,	1470	1470 1 486	2295	
Sand		1486	1517	1407	•
Slate		1517	1570	1.40	
Sand		1570	1610	-888	
Slate and Shells		1610	176 6		
Slate Sand		1766	1820		
Slate and Shells		1820	1829		
Slate	· .	1829 1956	1956		
Slate and Sand		2058	2058 2 1 81		
Red Rock		2181	2207		
Slate		2207	2214	•	•
Red Rock		2214	2223		
Slate Sand and Lime		2223	2251		
Slate	·	2251	2269	7	•
Lime		2269 2287	2287 2292		
Slate		2292	2295		
Lime	11.X. 11.	2295	2361		
Sand		2361	2472		
Sand and Shells Sand		2472	2735		
Slate and Shells	-	2735	2749		
Sand		2749 2853	2853	<u> </u>	
Slate and Shells ?		2864	2864 296 5		
Sand		2965	2983		
Slate and Shells		2983	3049		
Sand - Gordon		3049	3164		
Slate Sand		3164	3176		
Slate and Shells		3176 3190	3 19 0 3416		
otal Depth			3416		
			المهار		
		,			
			,		
:					
					1

Date December 12, 19 73

APPROVED CARNEGIE NATURAL GAS COMPANY, Owner

By (Title)

ERCH W





OIL & GAS DIVISION DEFT. OF MINES

Oil and Gas Division OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,				
Charleston, W. Va.	DATE	ostober .	27, 1972	
Surface Owner Enery Talkington	Company	Carnegie N	atural Cas	Co.
Address Smithfield, W. Va.	1 0	3904 Main		
Mineral Owner at Dallison / Stry-In-fact		m 9. Harbe		Acres 72.5
Address Folson, W. Va. Clarksburg, W. Va.	Location (aily to	erk.	Fork Fish Cree
Coal Owner Countaineer Coal Co.	_ Well No.	·		Elevation 1407
Address onongah, W. Va.	District	Grant		County Wetzel
Coal Operator	_ Quadrangle	Center	cint N.B.	
Address			7	Mr arthur
	INSP	ECTOR TO BI	E NOTIFIED_	Duel
MILE DEDUTE MIGH DE DOGMED AM MILE WHIT CLEE		20129	6 PH:	775-5611
THIS PERMIT MUST BE POSTED AT THE WELL SITE	00	Thind	12.0	,
of the W. Va lode, the location is nereby election			4575	
for Urilling. This permit shall expir operations have not commercial by 2-29-	* *			
operations have not commercial by	<u></u> ;			
Deputy Director - 011 & Gas Division				
GENTLEMEN:				
The undersigned well operator is entitled to drill upon the	4.8			
itle thereto, (or as the case may be) under grant or lease da	<u> </u>		2: 19 <u>1395</u> by	V
900/ W-43		ecorded on the	e	_ day of
•	Page			
NEW WELLDRILL DEEPER			FRACTURI	OR STIMULATE
OIL AND GAS WELL ORIGINALLY DRILLED	BEFORE JU	JNE 5, 19 69 .		
The enclosed plat was prepared by a registered engineer or nave been notified as of the above date.	r licensed lan	d surveyor and	d all coal own	ers and/or operators
The above named coal owners and/or operator are hereby no make by Section 3 of the Code, must be received by, or fil	notified that a led with the l	any objection t Department of	hey wish to m Mines within	ake, or are required ten (10) days. *
Copies of this notice and the enclosed plat were mailed by	registered ma			
or coal owners at their above shown respective addressame day with the mailing or delivery of this copy to the Depa		uu,y	ton, West Virg	before, or on the inia.
_	Very truly yo		ie Natyrel	
		urs,	Tope	2-1011
(,	Sign Name)_	Wei	Y Operator	Div. opt.
		Sport 18	ain Street	(
Address of	3	· · · · · · · · · · · · · · · · · · ·	Street	
Well Opera	tor	Munhal	1	
			r Town	
		Fennay		15120
			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.



Wet-593 PERMIT NUMBERY

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

DRILLING CONTRACTOR:	TO DRILL		
	(11 Known)	RESPONSIBLE AGE	
DDRESS CONTROL OF	ot & Sons	NAME_J. W. Sw	sensy Div. Opt.
நகர் சுருக்கு குறை அது இரும் படியின் இரும் இரும் இருந்து இரு இரும் இரும் இரும் இரும் இரும் இரும் இரும் இரும் இ	. Va.		7, Mannington, W. Va. 265
ELEPHONE	2	TELEPHONE9	86-2060
STIMATED DEPTH OF COM	IPLETED WELL: 3150	_ ROTARY	CABLE TOOLS
ROPOSED GEOLOGICAL FO	DRMATION: P1 10 10 10 10 10 10 10 10 10 10 10 10 10	_	
YPE OF WELL: OI	L GAS_*	COMB STORA	AGE DISPOSAL
			FLOODOTHER
ENTATIVE CASING PROGR CASING AND TUBING SIZE	AM: USED FOR DRILLING	LEFT IN	CEMENT FILL UP
) - 16	DRILLING	WELL	OR SACKS - CUBIC FT.
10	****	1170	
- 5/8	1170	1170	Camented to surface
5/8			
	2365		
/2			
1/2	31:50	34,50	7500,
			Perf. Top
ners			Perf. Bottom
			Perf. Top Perf. Bottom
			Torr. Bottom
D DRILL DEEPER OR REDR			
MUST ALSO BE SUBMIT FRACTURE - STIMULATE OIL AND/OR GAS WELL BOND, PERMANENT PLA OIL AND/OR GAS WELL ING ORIGINAL PERMIT N	TED. CRIGINALLY DRILLED BEF AT AND ORIGINAL WELL RI ORIGINALLY DRILLED ON A	ORE JUNE 5, 1929, FIVE (ECORD. AND/OR AFTER JUNE 5, 12E 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-
MUST ALSO BE SUBMITOR MUST ALSO BE SUBMITOR FRACTURE - STIMULATE: OIL AND/OR GAS WELL BOND, PERMANENT PLATE OIL AND/OR GAS WELL ING ORIGINAL PERMIT NORIGINAL P	TED. CORIGINALLY DRILLED BEFAT AND ORIGINAL WELL RICORGINALLY DRILLED ON AUMBER, AND PERFORMANCE (90) days of the coal of the completed by the coal of the coal o	ORE JUNE 5, 1929, FIVE (ECORD. AND/OR AFTER JUNE 5, 1929 BOND. Completion for bond release perator if the permit is to be compared with the proposed well low have no objections to said	D THE ORIGINAL WELL RECORD 5) COPIES OG - 1, PERFORMANCE 1929, FIVE COPIES OG - 1, SHOW- se. Inspector to be notified twenty- pe issued within ten days of receipt mer or Operator of the coal under
MUST ALSO BE SUBMIT FRACTURE - STIMULATE: OIL AND/OR GAS WELL BOND, PERMANENT PLA OIL AND/OR GAS WELL ING ORIGINAL PERMIT N Required forms must be fit four (24) hours in advance The following waiver must reof. IVER: I the undersigned, A this lease have exam We the providing operator has	TED. CORIGINALLY DRILLED BEFAT AND ORIGINAL WELL RICORGINALLY DRILLED ON AUMBER, AND PERFORMANCE (90) days of the coal of the completed by the coal of the coal o	ORE JUNE 5, 1929, FIVE (ECORD. AND/OR AFTER JUNE 5, 1929 BOND. Completion for bond release perator if the permit is to be compared with the proposed well low have no objections to said	D THE ORIGINAL WELL RECORD 5) COPIES OG - 1, PERFORMANCE 1929, FIVE COPIES OG - 1, SHOW- se. Inspector to be notified twenty- pe issued within ten days of receipt ner or Operator of the coal under cation. well being drilled at this location.