



V, F, G, G. (Fee) No. 0804 - U.F. G, G, Deep Well KAN-1684



STATE OF WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION &

Quadrangle CLENDENIN

WELL RECORD DRY Oil or Gas Well_ Permit No. KAN-1684 UNITED FUEL GAS COMPANY Used in Drilling Company_ Casing and Tubing Left in Well P. O. Box 1273 - Charleston, W. Va. Packers Address... U. F. G. Fee 2675 Location (waters) Indian Creek
Well No. 8804-T . Size Elev. 918.251 Kind of Packer_ 16___ <u>13-3/8</u> KANAWHA ZLK 1001 District_ xx 9-5/8 1900! The surface of tract is owned in fee by U. F. G. Co. Size of_ 69001 Address Mineral rights are owned by U. F. G. CO. 65% Depth set. 53/16 __Address____ Drilling commenced March 15, 1959 Perf, top_ Drilling completed May 21, 1959 Perf. bottom..... Liners Used. Perf. top____ Date Shot____ Perf. bottom__ /10ths Water in_ _Inch Open Flow /10ths Merc. in_ _Inch GASING CEMENTED____ _SIZE___ Plugged and abandoned _Cu. Ft. Volume___ Rock Pressure____ COAL WAS ENCOUNTERED AT FEET INCHES _____bbls., 1st 24 hrs. Oil..... FEET___INCHES__ __FEET___INCHES WELL ACIDIZED_ INCHES FEET___ WELL FRACTURED___ no results after being acidized RESULT AFTER TREATMENT_ ROCK PRESSURE AFTER TREATMENT_ Salt Water_ __Feet_ Fresh Water__ Oil, Gas or Water Hard or Depth Remarks Top Bottom Formation: Color Soft 100 106 Sand 106 140 Shale Shale and Sand 140 160 160 210 Shale and Sand Sand 210 2/12 242 244 coal 244 300 Shale sand Sandy shale 300 400 400 455 Sand 455 Shale 490 490 550 Shale sand 550 650 Shale and sand Shale and sand 650 775 775 810 Sand 088 Sand & Shale 0.18 Sand and Shale 880 900 Sand 900 910 1045 Sand 910 1045 1116 Sand 1116 1150 Sand 1150 1179 Sand Sand 1179 1215 Sand 1215 1232 Shale 1232 1265 Shale & sand 1265 1300 1300 1350 Shale Sand 1350 1362 1362 1380 Sand 25 1960

(over)

KAN-1684

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STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

DELT OF MINES

Oil and Gas Division WELL RECORD

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Company Columbie Gas Transmission Corporation Address P. G. 80X 1273, Charleston, WV 25325 Farm Fee Land Acres 2675 Location (waters) Indian Croek Well No. 8804-T Elev 918.25 Destrict Elk County Kanawha Cond. The surface of tract is owned in fee by Columbia Gas Transmission Corporation Address Mineral rights are owned by Columbia Gas Trans. Forp Address Drilling Commenced 9-15-73 Drilling Commenced 9-15-73 Drilling Commenced 9-19-73 Sinitial open flow cut fit per day bils. Elines Used Well open hrs. before test. RP Well treatment details: Altach copy of cementing record. Sali Water Feel Soli Water	Permit No. K	AN-1684	DED					
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Location (waters) Indian Creek Well No. 8804-7 Filey 918.25! Well No. 8804-7 Filey 918.25! District Ell's County Kanawha Cond. The surface of tract is owned in fee by Spis Address Mineral rights are owned by Collumbia Gas Trans. Corp. Address Mineral rights are owned by Collumbia Gas Trans. Corp. Address Mineral rights are owned by Collumbia Gas Trans. Torilling Commenced 9-15-73 Drilling Commenced 9-19-73 A 1/2 6771 6771 with 219 ft. 3 Initial open flow out ft. bbls. Trinal production out ft. per day bbls. Well open his. before test RP. Well treatment details: Altach copy of cementing record. Altach copy of cementing record. Coal was encountered at Feet Salt Water Feet Producing Sand. Depth Formation Color Hard or Soft Top Feet Bottom Feet Oil, Gas or Water Remarks Shale Red Hard 6720 6771 None. **Rat hole for 4½" production casing.	p=		The second secon		•	1		
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Shale Red Hard 6720 6771 None. *Rat hole for 4½" production casing.						11	The second secon	man and a second of the second
Shale Red Hard 6720 6771 None. *Rat hole for 4½" production casing.	Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or	Water *	Remarks
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production casing.	91101 6	Neu	nard	6720	6771	None.	*Rat hol	e for 44"
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Location: 2.22 miles S. Lat. 38 25. 1.22 miles W. Long. 81° 25'

(- mit c û. f. G. (FEE) NO. 8804-T (WELL

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Elk District, Kanawha County, W. Va.
By United Fuel Gas Company, P. O. Box 1273, Charleston, W. Va.
Drilled under permit (Kan-1684); Clendenin Quadrangle.
on 2675 acres, on Indian creek.
Elevation 918.25° L.
Surface and minerals owned by U. F. G. Co.
Drilling commenced March 15, 1959; completed May 21, 1959.
Volume: Plugged and abandoned.
No results after being acidized.
Well plugged back to 5750' - for testing.
Attempted to acidize from 5638-5668', with 500 gals. 18% HF, STP, and
   penetrant - no results.
                                   TUSCAPORES
Gas 6690-95^{\circ} - 5,040 \text{ M} - 65\% co_{\circ}
Rock pressure 2930#.
13 3/8 casing, 100' (pulled); 9 5/8, 1900' (pulled); 7, 6900' (pulled).
Record to Dept. of Mines, June 10, 1959.
Record from Allen, Jan. 25, 1960.
                                            Bottom.
                                 Top.
                                          106
Sand
                                 100
                                             140
Shale
                                 106
                                             160
Shale and sand
                                 140
                                           210
Shale and sand
                                 160
Sand
                                 210
                                             242
                                 242
                                             244
Coal
Shale sand
                                 244
                                          300
Sandy shale
                                 300
                                       400
Sand
                                 400
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Shale
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Shale sand
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Shale and sand
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Sand
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Sand
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Sand
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Sand
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sand
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Shale
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Shale and sand
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                                            1300
Shale
                                1300
                                             1350
Sand
                                1350
                                             1362
Sand
                                1362
                                             1380
Sand
                                1380
                                             1409
Sand-shells-lime
                                             1460
                                1409
Lime
                                1460
                                             1560
Shale and sand
                                1560
                                             1625
Shale and sand
                                1625
                                             1655
Sand
                                1655
                                             1680
S. Lime and Red rock
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                                             1720
sand
                                1720
                                             1800
Shale and lime
                                1800
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Shale and sand
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Shale casses and system to the	1840	1855
Sand and shale	1855	1890
Shale and shells	1890	
Shale and shells	2080	10 22 <u>1</u> 0 000
Shale and shells	2210	2440
Shale and shells	2440	2700
Sandy shale	2700	2760
Shale and sand	2760	2950
Shale and sand	- 2950 C.	3300
Shale and sand	3300	: 111120 3535
Sandy shale	3535	_{r c} -3580 km k
Shale and shells	3580	
Shale and sand	3825 .	4015
y to shale and sand to the city of	4015)	4210
Shale-sand-shells	4210	_c .34340ca
Shale and sand	4340	4500
Shale and shells	4500	4650
Shale and shells	4650	4995
Outed. Lime	4995	5095
orisk. Sand	5095	5186
[Lime - S - Sand	5186	5212
Held I Lime and sand	5212	5350
Lime and sand	5350	5385
Lime and shale	<i>5</i> 385	5465
Tow . Lime and shalerite	5465	5540
Lime and Anhydrite	5630	5 7 00
Lime and Anhydrite	5 7 00	5800
Lime and Anhydrite	5800	5860
Lime - Anhydrite and shale	5860	6140
Mckenzy Dolomite and sand	6140	6240
Shale	6240	6480
Shale and Salt	6480	6624
Sand James Sand	6624	6712
Shale and S. Stone	6711	6720
		(000
TOTAL DEPTH		6900

4995 5095 5186 918 918 918 4077 4197 4268

5095

6624 913 5706



STATE OF WEST VIRGINIA



DEPARTMENT OF MINES

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Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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TO THE DEPARTMENT OF MINES,	
Charleston, W. Va.	DATE July 23, 1973
Surface Owner W. H. O'Dell Hrs. et. al	
AddressCharleston, West Virgini	Address F.U. DOX 12/3, Unarreston, W.Va. 2532
Mineral Owner Columbia Gas Transmission C	
	25325 Location (waters) Indiana Creek folk Kiver
Coal Owner Not Operated	Well No. 8804-T-DD Elevation 918.25
Address	District Elk County Kanawha
Coal Operator Not Operated	Quadrangle Clendenin
Address	- The Irel
THIS PERMIT MUST BE POSTED AT THE WELL SITT All provisions being in accordance with Charles of the W. Va. Code, the location is nereby for the Charles of This permit shall expoperations have not commenced by Deputy Director - Oil & Gas Division	apter 22. Celezene Bi
title thereto, (or as the case may be) under grant or lector $Col.Gas$ Trans. Co	on the above named farm or tract of land for oil and gas, having fee ease dated December 17, 1973 by Ruffner rp. and recorded on the 10th day of March
19 <mark>25, in Kanawha County, Book 282</mark>	Page 134
NEW WELL X DRILL DEEPER	X REDRILL FRACTURE OR STIMULATE
OIL AND GAS WELL ORIGINALLY DRI	
have been notified as of the above date.	neer or licensed land surveyor and all coal owners and/or operators reby 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 maile or coal owners at their above shown respective address same day with the mailing or delivery of this copy to th	by registered mail, or delivered to the above named coal operators 23 rd day July before, or on the Department of Mines at Charleston, West Virginia.
	Very truly yours, Columbia Gas Transmission Corp.
	(Sign Name) Well Operator Manager, Exploratory Drilling P.O. Box 1273
A	Address Street
Well	Operator Charleston, West Virginia
	. City or Town
1,90° × × 1	25325
Well Samples Grace	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.

KAN-1684-Red

BARKET BOND

PERMIT NUMBER

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

PROPOSED WORK ORDER TO	O X ReDRILL X	DEEPENFF	RACTURE-STIMULATE
DRILLING CONTRACTOR: (I	f Known)	RESPONSIBLE AGENT:	•
NAME		NAME W. H. Cha	opman
ADDRESS		ADDRESS P. G. BOX	610 Clendenin 25045
TELEPHONE			965-3317
ESTIMATED DEPTH OF COME	PLETED WELL: 6800'	ROTARY X	CABLE TOOLS
PROPOSÉD GEOLOGICAL FOR	RMATION: Clinton		*
TYPE OF WELL: OIL	GAS X (COMB STORAGE	DISPOSAL
	RECYCL	ING WATER FLO	ODOTHER
TENTATIVE CASING PROGRA	AM:	•	e de
C. CINC. AND PRINTS	USED FOR	LEFT IN	CEMENT FILL UP
CASING AND TUBING SIZE	DRILLING	WELL	OR SACKS - CUBIC FT.
20 -XXX	191	191	
××××× 13-3/8"	100'	100'	100 - 0
9 - 5/8	1855'	1855'	1855 - 0
8 - 5/8			
7	5370'	5370'	5370 - 5150
5 1/2			
4 ½	6800'	6800'	6800' to 5000'
3	67001	6700'	Perf. Top
2	6/00'	6/00	Perf. Bottom Perf. Top
Liners			Perf. Bottom
SUBMIT FIVE (5) COPIE OF PLAT.	S OF OG - 1, \$100.00 PERM	MIT FEE, PERFORMANCE B	OND AND PERMANENT COPY
TO DRILL DEEPER OR REDR	TLT.		
		INAL PERMIT NUMBER AN	ND PERFORMANCE BOND. ON
• •	TO 1929, A PERMANENT (THE ORIGINAL WELL RECORD
TO FRACTURE - STIMULATE	•		
OIL AND/OR GAS WELL			COPIES OG - 1, PERFORMANCE
OIL AND/OR GAS WELL		AND/OR AFTER JUNE 5, 192	29, FIVE COPIES OG - 1, SHOW-
Required forms must be fi four (24) hours in advance		completion for bond release.	Inspector to be notified twenty-
tour (24) nours in advance	c.		*Sajo
			. 6
The following waiver mus thereof.	at be completed by the coal of	perator if the permit is to be	issued within ten days of receip
WAIVER: I the undersigned, A	Agent for	Coal Company, Owne	r or Operator of the coal unde
_	nined and place on our mine		•
			vell being drilled at this location
			7, Chapter 22 of the West Virginia
		And the commentation of the comment	or Coal Company
		· ·	or come conpany