



Environmental Protection WR-35 JUL 0 3 1995

State of West Virginia Division of Environmental Protection Section of Oil and Gas

Permitting Office of Oil & CARL B. ETUX. Well Operator's Report of Well Work

Farm name:

Operator Well No.: 7378

LOCATION:

Elevation: 1,861.18 Quadrangle: TERRA ALTA

UNION District: Latitude:

County: PRESTON 3450 Feet South of 39 Deg. 25Min. 0

675 Feet West of 75 Deg. 35 Min. 0 Sec. Longitude

Company: COLUMBIA GAS TRANSMISSION Casing | Used in Left Cement P.O. BOX 1273 CHARLESTON, WV 25325-1273 |Fill Up| Tubing | Drilling | in Well | Cu. Ft. | Agent: RICHARD L. COTY SAME YOUR WAR Size Inspector: PHILLIP TRACY Permit Issued: 09/19/94 10-27-94 Well work Commenced: Well work Completed: 12-8-94 Verbal Plugging Permission granted on: Rig Coiled Tubing Rotary — Cable — Total Depth (feet) 4952 Fresh water depths (ft) Salt water depths (ft) unknown Is coal being mined in area (Y/N)? N

OPEN FLOW DATA

Coal Depths (ft): NONE

Producing formation Oris Kany Sandstone Pay zone depth (ft) 4782 top Gas: Initial open flow 65,000 MCF/d Oil: Initial open flow Bbl/d Final open flow MCF/d Final open flow Bbl/d Time of open flow between initial and final tests Hours Static rock Pressure /894 psig (surface pressure) after 24 Hours

Second producing formation Huntersville Chert Pay zone depth (ft) 4553 top Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bb1/d combined Chert Final open flow 75,000 MCF/d Final open flow and Oriskany Time of open flow Between initial and final tests 262 days Bbl/d Static rock Pressure /894 psig (surface pressure) after 24 Hours flow

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For:	COLUMBIA	GAS	TRANSMISS	ION COP	RP.	
	Bv:	Ri	chan	$d \mathcal{J}$.	Coly	
	Date:		0/9/95			

Well was originally perforated in the Oriskany only.

Re-perforated Oriskany from 4794-4804 and

4812-4817 with 6 shots per foot. Treated

with 4500 gallons of 15% gelled acid

and foam.

Opened Huntersville Chert with new perforations
from 4607-4612, 4622-4632, 4656-4661,
4677-4682 at 6 shots per foot. Treated
with 15% gelled acid and 75 quality
foam,



STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS DIVISION DRILL DEEPER

Quadrangle _	Kingwood
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WELL RECORD

Oil or Gas Well Gas Permit No. PRES. 35-D Atlantic Seaboard Corp. Left in Well Used in Drilling Casing and Tubing Company Packers Address P.O. Box 1273; Charleston 25, W. Va. Farm Archie M. Haught Acres 141 Location (waters) Saltlick Creek Size Kind of Packer_ ____Elev. 1861.18' 16____ Well No. 7378 29 Portland County Preston 409 Size of____ The surface of tract is owned in fee by____ 1264 Address_ Mineral rights are owned by Archie M. Haught, Agt., et 652 7" 4560 Depth set___ R.D.D. #1 Address Waynesburg, Penna.53/16

Drilling commenced July 7, 1959 x 4½" 4942 Perf. top___ Drilling commenced____ July 13, 1959 Perf. bottom___ Drilling completed____ Perf. top___ Date Shot_____From___To__ Liners Used_ Perf. bottom_ With____ _Inch Open Flow /10ths Water in____ To Surface 4½" No. Ft.____ CASING CEMENTED Yes SIZE Inch Date _/10ths Merc. in____ __Cu. Ft. July 15, 1959 Volume_ ____lbs.____ ___hrs. COAL WAS ENCOUNTERED AT_____FEET__ Rock Pressure_ _INCHES ____bbls., 1st 24 hrs. Oil_ FEET___INCHES__ __FEET___ _INCHES WELL ACIDIZED____ FEET____INCHES____FEET___INCHES WELL FRACTURED_ Storage Well RESULT AFTER TREATMENT___ ROCK PRESSURE AFTER TREATMENT_ _Salt Water_ $_{
m Feet}_{
m -}$ Fresh Water_ Oil, Gas or Water Remarks Depth Hard or Bottom Top Color Formation Drill Deeper Record From 4708 4772' Chert 4782 4772 Shale - Neldwere 4782 4913 Oriskany 4913 Helderberg Total Depth Well Surveys Run Gamma Ryty Laterolog Microlaterolog WEST YIRGINIA PT. OF MINES

(over)

WEST VIRGINIA DEPARTMENT OF MINES OIL & GAS DIVISION WELLRECORD

Permit No. Pres 35			Gas Woll		
Kingwood Quad.	Mis - Cook	orland & Allegheny Gas Company		CASING & TUBING	
Company	THE CUMP	Gerrand & Mileghon, Gas Compani	, 13	29 0 29 9	
Address	Archie Haught Acres			409 1 409 1	
Farm	A-481		10 8 1	126429 126439	
Well No.	N- TOT	Elev. /862	7	4546 7 4546 7	
Location District	Union	Preston County		, off	
Commenced	March \$4,1952			, 024	
Completed	July 25,				
Volume	6/10 M 6				
Rock Pressure	48 hrs.				
Water	140º H.F	• •			
Yellow Clay	0	20			
Slate Shells	20	100			
Hard Rock	100	350			
Slate Shells	350	1065			
Brown Shale	1065	1084			
Brown Sand	1084	1114			
White Slate Shells	1114	2729			
Brown Shale	2729	2750			
Slate Shells	2750	3050			
Dark Slate & Shells	3050	3100			
White Slate & Shells	3100	3460			
Brown Shale	3460	4000			
Hard Limo	4000	4020			
aral prace	4020	4100			
Dark Slate	4130	4528			
Brown Break	4528	4530			
Onandago Lime	4530	4553			
Thert Sand	455 3	4686			
T _o D _o	4686	And the second second second			
Gas 4629 tosted 42/1	.0 M→3"	Andrew Comment		4530	
Gas 4678 tested 90/10 W 3"				4530 1862	
Gas 4681 tested 6/10 M 6 5/8" casing				1862	
				Name and Address of the Owner, where the Owner, which is the Owner, where the Owner, which is the Owner,	

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Page	1 of 1	WV Division of Environmental Protection	1)	Date:	8-15-94		
$H \cap rm$	ww/-A		/ 1	Operator	's well number	·	
(09/8	37)	AUG 2 2 1994	1	-		7378	
ile	Сору		3)	API Well	No: 47 - 07	<u> 7 - 00035- F</u>	
		Permitting			State - Cour	ıty - Permit	
		Office of Oil & Gas	•				
			STATE OF WE	ST VIRGINIA			
-		DEPARTMENT	OF ENERGY,	DIVISION OF	OIL AND GAS		
					HODY DEDICA		
		NOTICE AND	APPLICATION	FOR A WELL	WORK PERMIT		
4.	g			5) (3) C	oal Operator:		
4)		wner(s) to b			oal Operator:		
	(a) Name	Carl B. Smith 4505 Boxwood	Road	. Name			
	Address _	Bethesda, MD	20816	. Address			
	(b) Name	Chung J. Kim	Smith, wife	(b) Coal	Owner(s) with	Declaration	
	Address	Same		Name			
	(c) Name						
				Name			
				Address			
6)	Inspector	Phillip Irac	<u>у</u>	_ (c) Coal	Lessee with I	Declaration	
	Address _	Route 2, Box	3/-A	_ Name			
		Montrose, WV		_ Address			
	Telebuoue	(304) – <u>636</u> –	0/90				
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	Included	is the lease	or leases	or other co	ntinuing conti	ract or	
cont					il and gas <u>OR</u>		
	Included	is the infor	mation requ	ired by Cha	pter 22B, Art	icle 1,	
Sect		of the Code o				•	
						<u>Virginia Code</u>	
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acco	mpanying d	locuments pag	ges 1 throug	gh on th	ne above named	parties,by:	
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	Cert	ified Mail (Postmarked	postal rece	eipt attached)		
	Publ	ication (Not	cice of Publ	lication att	cached)		
						• •	
	I have re	ead and under	stand Chapt	cer 22B and	38 CSR 11-18,	and I agree	
to t					d under this a		
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					se individual		
resn	onsible fo	or obtaining	the informa	ation. I hel	lieve that the	information	
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info							
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	OFFICE	AL SEAL ST	ву: <u> </u>	terhand	X. Coly		
	STATE OF W	EST VIRGINIA P	Its:		Well Services		
13015	MARY P	ARSONS	Address	P. 0. Box			
	2052 Ling	ula Arenea .			1, WV 25325-1273		
	By Commission Dy		Telephone _	(304) 357-			
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WV Division of Environmental Protection

Date: 8-15-94
Operator's well number