

Farm UNITED STATES OF AMERICA Tract 286-480 Acres 600.00 Lease No. CT- 240 Well (Farm) No. K-2 Serial No. GW-1310 Elevation (Spirit Level) 3224.90 Quadrangle HORTON — C 5-510 W-393 County RANDOLPH District DRY FORK Engineer Woudell & Moore Engineer's Registration No. 2113 File No.___ __Drawing No. <u>W-15-59</u>

OIL AND GAS DIVISION CHARLESTON

WELL LOCATION MAP

FILE NO. RAN-109

- Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.
- Denotes one inch spaces on border line of original tracing.

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6878 - 6678

Date AUG. 25-1959

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Scale*["=2000"*



STATE OF WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION 12

Quadrangle Horton SW Permit No. Ran-109

WELL RECORD

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Company Colu	ımbian Ca	rbon Compa	ny, Oper.	Casing and	Used in	Left in	TO CONTROL OF THE PARTY OF THE
Address Box 873, Charleston 23, W. Va.				Tubing	Drilling	Well	Packers
Farm United	States of .	America	Acres 600		<u> </u>		* * * * * * * * * * * * * * * * * * *
Location (water	_{s)} McCray	Run		Size			
Well No. K-Z	<u>2. GW-131</u>	0	Elev. 3224. 90	16			Kind of Packer
District Dry Fork County Randolph Director, Bureau The surface of tract is owned in fee by of Land Mgmt.				133/8"48#		321511	none
The surface of t	ract is owned i	n fee by Of La	nd 'Mgmt."	10.3/4"32#	867'8"	8671811	Size of
Interio	r Bldg.	_Addresswasni	ington 25, D.				700-later - Maria
Mineral rights a	are owned by	same	·	xxx 7" 23#	69781911	69781911	Depth set
Parties and the second	0.00	Address		53/16	<u> </u>		
Drilling commer				. 3			Perf. top
Drilling complet	Drilling completed 10~28-59 Date Shot not shot From To				<u> </u>		Perf. bottom
Date Shot	Fro Fro	mT	·o	Liners Used		<u> </u>	Perf. top
					<u> </u>		Perf. bottom
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			Inch		ENTED	_SIZE	No. FtDat
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WELL FRACTI	JRED see I	everse side					
ROCK PRESSU	RE AFTER T	REATMENT	10 days 91	0#		, ,	Name of the second seco
Fresh Water	70'	Feet		Salt Water		Fee	}t
Formation	Color	Hard or Soft	Тор	Bottom	Oil, Gas or Water	Depth	Remarks
Sand Sand, S hells	g. Tima		40	340	F. water	701	. Почитов на потово посерова до потовина в почитов на почитов на почитов на почитов на почитов на почитов на почи На почитов на почито
Hard Sand	OC JULIAL C		340	560	- 4 4 CL 8 CL		
Sandy Shale	· ·		560	650			
Shale			650	850			
Shale and L	imestone		850	1555			
Shale and Sa			1555	1820		-	
Lime			1820	1980			
Shale & Lin	e streaks	danie de la constante de la co	1980	5210	1 2 2 -	1//	1 101
Shale			5210	6265	6230	665	1 6860
Chert			6265	6345	3225	3225	2 In In 3
Chert and S	hale		6345	6680	3005	3426	generalis and some second seco
Oriskany Sa	3	garage	6680	6900	And the second s		
Sand and Li	me		6900	6930			
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The following	ig are sam	ple determi	nations:				:
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Chert			6260	6338		2	
Shale			6338	6440			
Chert	:		6440	6465			
Shale w/ Li	. 3		6465	6501		1.	家和21972。
Chert	Į.		6501	6570	कुछ एक्ष केला	4 03 0/6	A CONTRACTOR STANDARDS
Shale w/tra	1		6570	6652			
Oriskany		A CONTRACTOR AND	6652	6860	PERKE RUPE L	中 场。	The say
Helderburg	Lime	:	6860	6930			
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Formation	Color	Hard or Soft	Top / 2	Bottom	Oil, Gas or Water	Depth Found	Remarks
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13-3/8" d	rive pipe -	cemented.					
10-3/4" ra	an at 850!	cemented w	th 250 bags.	Circulatio	n and return	S.	
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Cemented	with 250 s	acks	shoe on botto	em, iloat co	llar one joir	it up and 4 c	entralizers.
1156 E. (.)			e degree				
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3380 X 23 1 1 1 1 1		Depth Control of the		1885 g			
	v vite Argon	On the state of th					
11-4-59 P	erforated	the Chert 62	85-6567' wi	th 160 shots		en filosofi En alemania Compression de la compansión de	
11-6-59 F	actured t	he Ch ert - u	sed 16.000	vallons sand	and water.	1 000 gallo	ns MCA-
15,000# 20	-40 sand	and 80 barre	ls flush - to	tal amount	of fluid pum	ped in 474 b	arrels-
17.4 barre	ls per mi	nute.					
11-9-59 P	erforated	Oriskany Se	ction.				
						,	
16.000 cal	lone water	ng with Bak	er RT 8 Pac	ker set at 6	600'. Fract	ured Oriska	ny with 0# . Maximum
treating pr	essure 34	00# - minim	um 2600#.	Shut in pres	sure 1500#.	m 2000-180 Used 15.00	0# . Maximum 0# 20-40
sand - inje	ction rate	14.4 barrel	s per minut	e		Kalendii ali	
Refere fro	atuminu Or	:-1					and the second of the second o
Detore ira	cturing Or	iskany, Che	rt gas gaug	ed 12/10 M.	2'' = 163 M	CF.	Application of the second of t
11-12-59 I moved out	Vell dead :	after fractur	ing Oriskan	y. Pulled 3'	tubing and	ran 2" as si	phon string⊶
and the same of the							
		d pulled tubi					
2-24-60 T	esting show	wed salt wat	er from Ori	skany.			aren erren er
2-27-60 Se	t plug in c	asing at 664	01 and plugg	ed off Orisk	any.		
Final open	flow from	Chert 3/10	$W_{\bullet} 3^{11} = 164$	MCF - 82	# for 7 days	. 10 days 9	10#
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