



STATE OF WEST VIRGINIA DEPARTMENT OF MINES

RECEIVED OCT 1 0 1980

Oil and Gas Division

WELL RECORD

	AS DIVISION
DEPT.	OF MINES
Rotary_XXX	Oil
Cable	Gas_XXX

Permit No. MAS 211					Comb d Storage (Kind)
Commons DEVON CORPORATION					, Killur
Company P. O. Box 1433, Charle	eston. WV	Casing and	Used in	Left	Cement fill up
Farm Helen Jividen		Tubing	Drilling	in Well	Cu. ft. (Sks.)
Location (waters) Mudlick Fork	<u> </u>	S:			unital jedaně
Well No. 948 Ele	908	Size 20-16		-0.00	
District Union County Masc	n	Cond.			
The surface of tract is owned in fee by		13-10"			
Lannes Williamson, et ux		9 5/8	338	338	150 sx (Surf
Address Southside, WV 25187	***************************************	8 5/8			
Mineral rights are owned by Helen Jivi	den	7	2588	2588	100 sx (850')
Address Rt 3, Leon, WV		5 1/2		4027	225 /2200
Drilling Commenced 6-17-80		4 1/2	ļ ·	4837	225 sx (2200
Drilling Completed 6-25-80		3 2 3/8		4701	
Initial open flow 2500 cu. ft.		Liners Used		4721	
Final production 163,000 cu. ft. per day		Lineis Used			
Well treatment details: Well fractured with 671 bbls w Ave. PSI 4059#, ave. rate 9.1			nd & 22,00	ord. 0# 20/40	sand.
				63 MC	
Coal was encountered at None Fresh water Fee Producing Sand Oriskany Sand	et	Salt V	Vater		_ Feet
Formation Color Hard or Soft	Top Feet	Bottom Feet	Oil, Gas o	Water '	Remarks
Soil	0	9		. 0-	
Sand Shale	9	68	101	25 1 1600	ACTY TOTAL
Sand	68 87	87 345		KO -1	nely from
Shale	345	448		,	, , ,
Sand	448	496			
Shale	496	668			
Sand Shale	668 684	684			
Sand	696	696			
Shale	714	758			
Sand	758	775			
Shale	775	1000			
Sand	1000	1035			
Shale: Sand	1035 1096	1096 1130			
Shale	1130	1150			
Sand	1150	1162			
Shale	1162	1302			:
Sand	1302	1323			
Shale Sand	1323 1331	1331 1343			
Shale	1001	1 1070			

(over)

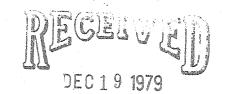
^{*} Indicates Electric Log tops in the remarks section.

Formation Color Hard or Soft	Top Feeting	Bottom Feet	Oil, Gas or Water * K	emarks
Shale Sand Shale Sand Shale Sand Shale Sand Big Lime Shale Injun Sand Shale Coffee Shale Berea Sand Shale Brown Shale Brown Shale Onondaga L. S. Oriskany Sand Helderberg L. S. T. D.	1478 1679 1695 1736 1745 1770 1824 1844 1863 2045 2082 2215 2513 2530 2554 3700 4126 4498 4650 4730 4752 4839	1679 1695 1736 1745 1770 1824 1844 1863 2045 2082 2215 2513 2530 2554 3700 4126 4498 4650 4730 4752 4839		
		The state of the s		
				- 450 cm - 4 50 cm - 190 cm -
				(日本の) (日本の) (日本の) (日本の) (日本の) (日本の) (日本の) (日本の) (日本の)

APPROVI	Date August 14, DEVON CORPORATION Paul Wiemann,	₁₁ , 80
	Paul Wiemann,	. OWNER
	ByGeologist	26년 3 전 4 1295

Signed by _





DEPARTMENT OF MINES

Oil and Gas Division

OIL & GAS DIVISION DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

Charleston, W. Va.	DATE De	ecember 17, 1979
Lannes Williamson, e	ot uy DF	EVON CORPORATION
Southeride MV 25197	Company	
to any control of the second s	2344100	ox 1433, Charleston, W. Va.
	**************************************	1 Jividen Acres 90
Address Rt. 3, Leon, W. Va. 25123		mudlick Fork of 13 Mile Cree
Coal Owner Same as above		Elevation 907
Address Not one wated	District Uni	on County Mason
Coal Operator Not operated	QuadrangleF	Imwood
Address	MANAGEMENT OF THE PROPERTY OF	
S PERMIT MUST BE POSTED AT THE WELL	SITE	•
provisions being in accordance with Chapter the W. Va. Code, the location is hereby approduction.	oved INSPECTOR	Kenneth Butcher
drilling . This permit shall exp	81 🗷 83	Remicen Butcher
erations have not commenced by 8-21-80	ADDRESS	Barboursville, W. Va.
Deputy Director - Oit a Gas Division GENTLEMEN:	PHONE736-4	885
XXX NEW WELLDRILL	·	FRACTURE OR STIMULATE
OIL AND GAS WELL ORIGINAL The enclosed plat was prepared by a registe have been notified as of the above date. The above named coal owners and/or operat to make by Section 3 of the Code, must be recommended to the code of this notice and the enclosed plat we	DEEPERREDRILL LLY DRILLED BEFORE JUNE red engineer or licensed land sur or are hereby notified that any of the ceived by, or filed with the Department of the ceived by registered mail, or	FRACTURE OR STIMULATE 5, 1969. rveyor and all coal owners and/or operators objection they wish to make, or are required rtment of Mines within ten (10) days. delivered to the above named coal operators
OIL AND GAS WELL ORIGINAL The enclosed plat was prepared by a registe have been notified as of the above date. The above named coal owners and/or operat to make by Section 3 of the Code, must be recommended.	DEEPERREDRILL LLY DRILLED BEFORE JUNE ared engineer or licensed land sur or are hereby notified that any of ceived by, or filed with the Depart were mailed by registered mail, or e address	FRACTURE OR STIMULATE 5, 1969. rveyor and all coal owners and/or operators objection they wish to make, or are required rtment of Mines within ten (10) days. delivered to the above named coal operators day
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THIS IS AN ESTIMATE ONLY ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO	XXX DRILL	DEEPEN	DEEPENFRACTURE-STIMULATE			
DRILLING CONTRACTOR: (If			RESPONSIBLE AGENT:			
NAME FWA Drilling C			NAME Bill Endicott			
ADDRESS Box 448, Elkvi	ew, W. Va.	_ ADDRESS <u>Box 143</u>	3, Charleston, W. Va.			
TELEPHONE 965-3379			-3171			
ESTIMATED DEPTH OF COMPLI	ETED WELL: 4850	ROTARYXXX	_ CABLE TOOLS			
PROPOSED GEOLOGICAL FORM	IATION: Uriskany Sa					
TYPE OF WELL: OIL_	GAS XXX	COMBSTORAG	GE DISPOSAL			
	RECYC	CLING WATER F	LOODOTHER			
TENTATIVE CASING PROGRAM	•					
CASING AND TUBING	USED FOR	LEFT IN	CEMENT FILL UP			
SIZE	DRILLING	WELL.	OR SACKS - CUBIC FT.			
20 - 16	ertante de la comunicación de la c					
13 - 10 9 - 5/8	350	350	150 say=to sunface			
8 - 5/8	330	330	150 sax=to surface			
7	2625	2625	75 sax=625 feet			
5 1/2			73 34% 023 7666			
4 1/2		4850	225 sax=2400 feet			
			Perf. Top			
2			Perf. Bottom			
Liners			Perf. Top			
			Perf. Bottom			
APPROXIMATE FRESH WATER	DEPTHS FEE	TSALT WATE	R FEET_			
APPROXIMATE COAL DEPTHS_	None anticipate	ed ,	•			
IS COAL BEING MINED IN THE	AREA? NO	BY WHOM?				
TO DRILL:	÷ .					
SUBMIT FIVE (5) COPIES OF PLAT.	OF OG - 1, \$100.00 PEF	RMIT FEE, PERFORMANCE	BOND AND PERMANENT COPY			
TO DRILL DEEPER OR REDRILL	r.·					
SUBMIT FIVE (5) COPIES (OF OG - 1, SHOWING OR O 1929, A PERMANENT		AND PERFORMANCE BOND. ON THE ORIGINAL WELL RECORD			
TO FRACTURE - STIMULATE:						
		· · · · · · · · · · · · · · · · · · ·	5) COPIES OG - 1, PERFORMANCE			
	RIGINALLY DRILLED ON	AND/OR AFTER JUNE 5, 1	929, FIVE COPIES OG - 1, SHOW-			
e de la companya de			•			
four (24) hours in advance.	within ninety (90) days (of completion for bond releas	se. Inspector to be notified twenty-			
• ·						
The following waiver must b	e completed by the coal	operator if the permit is to l	be issued within ten days of receipt			
thereof.	•	•				
		Coal Company, Ow maps this proposed well lo	ner or Operator of the coal under cation.			
	-		well being drilled at this location,			
			nd 7, Chapter 22 of the West Virginia			
Coue.			And the second s			
			For Coal Company			

Official Title