

APR 13 1981 4600 72



STATE OF WEST VIRGINIA DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

		WELL	RECORD		Rotary X	Oil
Quadrangle Willow	Island				Cable	Gas
						CombX
Permit No. 47-107-	1154					d Storage
					Disposal	(Kind)
Company Energy	Unlimited, Inc.			-:		· Killig/
Address 427 Secon			Casing and	Used in	Left	Cement fill up
Farm Corbin		Acres 96.5	Tubing	Drilling	in Well	Cu. ft. (Sks.)
	Bull Run	Acres 30.3			-	
Well No. #4	E	7401	Size	1	1	
District Union	E	:lev	20-16	1		
District Union	CountyWC		Cond.		<u> </u>	
The surface of tract is			13-10"	<u> </u>		
West V			9 5/8			
Address 1900 Blizz					260	100 SX
Mineral rights are owne	d by Bayles/Co	rbin Heirs e	r <u>al</u>			
Address_ Drilling Commenced	E /3.3 /0.1		5 1/2			
Drilling Commenced	5/11/81		4 1/2		2595.46	250 SX
Drilling Completed	5/15/81		3			
Initial open flow	cu. ft	bbls.	2		† †	
Final production 20	cu. ft. ner day	6.5 hble	Liners Used			
Well open	hrs. before test	485 PP				
Trea and	ated with 30,000 2050 PSIG) gals H2O, 5	Attach copy of 0,000# sand,	100MSCF nit	rogen at	38 BPM
			·			
Coal was encountered at	none	Feet.		Inches		
resh water	Fe		Salt \			- .
roducing Sand	Gordon		Depti			Feet
-						
Formation Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or	Water •	Remarks
Sand		14001	1.500.	_		
Shaly Sand		1480' 1540'	1500'	salt wate	_	Salt Sand
Sand		1594'	1556' 1614'	salt wate		Maxton
Sand		1616'	1796'	salt wate		Keener
Shaly Sand		2062	2066'	salt wate little ga	_	Big Injun
Sand white	e hard	2118'	2127'	fair show	\ ت	Wells Stray Berea
a 1 • · · · ·		_		of gas & c		DETEC
Shaly Sand		2232'	2238 '	little gas		Gantz
Siltstone		2358 '	2238 ' 2 2 68 '	little gas		Thirty-foot

RECEIVED

little gas

show of

gas & oil

SEP 1 1 1981

OIL AND CAS DIVICION WYDEHARTMENT OF MINES

gray &

brown

medium

2476'

2506

(over)

Sitlstone

Thirty-foot

Gordon

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
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Date.

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Oil and Gas Division

OIL & GAS DIVISION
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,	
Charleston, W. Va.	DATE March 31, 1981
Surface Owner West Vaco	Company Energy Unlimited, Inc.
Address 1900 Blizzard Dr. Parkersburg, WV	Address 427 Second St. Marietta, OH 45750
Bayles-Corbin Heirs etal	Farm Corbin Acres 96.5
AddressN/A	Location (waters) Bull Run
Coal Owner Same	Well No. #4 Elevation 4,600'
Address	DistrictCounty
Coal Operator None	Willow Island
Coal Operation	
Address IIS PERMIT MUST BE POSTED AT THE WELL SITE	
provisions being in accordance with Chapter 22, the W. Va. Code, the location is hereby approved	INSPECTOR David Coodmicht
r drilling	TO BE NOTIFIED Paul Goodnight
perations have not commenced by 12-2-81	ADDRESSSmithville, WV
Deputy Director - Division	PHONE 477-2455
GENTLEMEN:	
title thereto, (or as the case may be) under grant or leas etal Energy Unlimited, made to County, Book N/A	e dated
	REDRILLFRACTURE OR STIMULATE
OIL AND GAS WELL ORIGINALLY DRILL	ED BEFORE JUNE 5, 1969.
have been notified as of the above date. The above named coal owners and/or operator are herel to make by Section 3 of the Code, must be received by, o	by notified that any objection they wish to make, or are required in filed with the Department of Mines within ten (10) days.
or coal owners at their above shown respective address — same day with the mailing or delivery of this copy to the	by registered mail, or delivered to the above named coal operators day before, or on the Department of Mines at Charleston, West Virginia.
	Very truly yours, Energy Unlimited; The.
PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:	(Sign Name)
•	Well Operator Douglas M. Galloway
WEST VIRGINIA GEOLOGICAL AND	427 Second St.
ECONOLITE 20KARI	dress Street
MORGANTOWN, WEST VIRGINIA 26505 Well O	perator Marietta City or Town
AC-304 - 292-6331	Ohio - '
and the second s	State
n an transfer in the second of	

*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.

47-107-1154

"I have read and understand the Oclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements."

Signed by

PERMIT NUMBER

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

PROPOSED WORK ORDER TO.	XX DRILL	DEEPEN	FRACTURE-STIMULATE		
DRILLING CONTRACTOR: (If		RESPONSIBLE AGENT:			
NAMEN/A		NAME David C. Clovis			
ADDRESS		ADDRESS Union Trust Bldg. Parkersburg, WV			
TELEPHONE	,	TELEPHONE 485	i–4403		
ESTIMATED DEPTH OF COMPL			CABLE TOOLS		
		norani			
PROPOSED GEOLOGICAL FORM TYPE OF WELL: OIL_	X X X	X STORAG	P DISPOSAT		
TYPE OF WELL: OIL_					
	RECYCLI	NG WATER FL	OODOTHER		
TENTATIVE CASING PROGRAM	:				
CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.		
20 - 16	· · · · · · · · · · · · · · · · · · ·				
13 - 10					
9 - 5/8					
8 - 5/8 X	250'	⁻ 250'	to surface		
7					
5. ½ 4 ½ X	TD	TD	460 -200 sacks or sa		
3			Perf. Top read by		
2			Perf. Bottom rule 15.01		
Liners			Perf. Top		
			Perf. Bottom		
WELLS DRILLED PRIOR T MUST ALSO BE SUBMITTE TO FRACTURE - STIMULATE:	OF OG - 1, SHOWING ORIG O 1929, A PERMANENT C D.	OPY OF THE PLAT AND ORE JUNE 5, 1929, FIVE (5)	ND PERFORMANCE BOND. ON THE ORIGINAL WELL RECORI		
OIL AND/OR GAS WELL OF ING ORIGINAL PERMIT NU			29, FIVE COPLES OG - 1, SHOW-		
Required forms must be filed four (24) hours in advance.	within ninety (90) days of	completion for bond release	. Inspector to be notified twenty		
	••				
_	• • •		•		
The following waiver must be thereof.	oe completed by the coal op	crator if the permit is to be	issued within ten days of receip		
WAIVER: I the undersigned, Agei	nt for	Coal Company, Own			
	ed and place on our mine m				
	_		well being drilled at this location		
		•	7, Chapter 22 of the West Virginiz		
Code.		•	The second of th		
	·		For Coal Company		

Official Title