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STATE OF WEST VIRGINIA DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD 2

Quadrangle Belington 7%
Permit No BAR-877-47-001

DECEIVED
MAR 2 2 1978

OIL & GAS DIVISION DEFT. OF MINES

Rotary	Oil
Cable	Gas
Recycling	Comb. X
Water Flood	Storage
Disposal	(Kind)

				(Aind)
Company Bel-Bar Wood ProductsInc. Address Belington, W.Va. 26250 FarmBel-Bar Wood Products Acres 8	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Location (waters) Tygart Valley River Well No. 1 Elev. 1747 District Barker County Barbour	Size 20-16 Cond.	Recognition of the second sec		
The surface of tract is owned in fee by Bel-Bar Woods Products Inc.				
Address Belington, W. Va. 26250	8 5/8 7	979 ft	979 f	t 200 sks.
Mineral rights are owned by Same As Above Address	5 1/2			***************************************
Drilling Commenced 6-30-77 Drilling Completed 7-7-77	4 1/2		3970	4-60 sks.
Initial open flow 29,800 cu. ft. 0 bbls. Final production 300,000 cu. ft. per day 10 bbls.	2 Liners Used			
Well open 3 hrs. before test 860 pai.				

Well treatment details:
Attach copy of cementing record.
enson, 500 gals 15% acid, 471 bbls gel water, 20,000 lbs 20-40 sand
alltown, 500 gals 15% acid, 450 bbls gel water, 16,000 lbs 20-40 sand
peechly, 500 gals 15% acid, 754 bbls gel water, 38,000 lbs 20-40 sand
ayard, 500 gals 15% acid, 472 bbls gel water, 21,000 lbs 20-40 sand

Coal was encountered at 55, 142, 152, 732 Feet 10 ft. total Inches

Fresh water @ 46 ft. Feet Salt Water 0 Feet

Producing Sand Benson, Balltown, Speechly, Bayard Depth 3877, 3066, 2812, 2482 ft.

				1		
	Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water * Remarks
op So	11	t til om net av til det skilde skilde sen en sylvårende en en occur.	soft	0	2	Fresh Water @ 46 ft.
lay			soft	2	7	Gas @ 3880 ft.
and &	Shale		med	7	55	Electric Log Tops:
oal			soft	55	56	Little Lime 1296
and			hard	56	95	Big Lime 1364
and &	: Shale		med	95	142	Keener 1514
oal			soft	142	145	Big Injun 1548
and &	: Shale		med	145	152	Squaw 1626
oal			soft	152	155	5th Sand 2198
and			hard	155	300	Bayard 2496
and 8	. Shale		ned	300	330	Speechly 2755
and			hard	330	420	Balltown 2852
and &	Shale		med	420	515	3rd Riley 3694
and			hard	515	732	Benson 3816
oel			soft	732	735	- de
and 8	Shale		med	735	940	

(over)

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

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Formation Col		Top Feet 2	Bottom Feet	Oil, Gas or Water *	Remarks
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Sand	ned	1515	1640	::::::::::::::::::::::::::::::::::::	
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Sand & Shale	med	3740	3830		
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APPROVED By Beet Boll Son Stock

Signed by ____





Oil and Gas Division

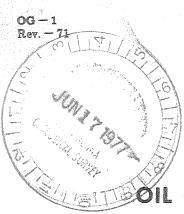
OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,	
Charleston, W. Va.	DATE June 22, 1977
Surface Owner Bel-Bar Wood Products, Inc.	
Address Belington, West Virginia 26250	Address Elkins, West Virginia 26241
Mineral Owner Bel-Bar Wood Products, Inc.	
Same as above	Location (waters) Tygart River
Coal Owner Bel-Bar Wood Products, Inc.	
Address same as above	
No cool 1 - 1	County
Address	Quadrangle Belington, 7-1/2
THIS PERMIT MUST BE POSTED AT THE WELL SITE	·
All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved	INSPECTOR
for <u>drilling</u> . This permit shall expire if	TO BE NOTIFIED Bill Hatfield
operations have not commenced by 10-22-77 .	ADDRESS Buckhannon, West Virginia
Deputy Director - Oil & Gas Division	PHONE 472-4268
GENTLEMEN:	
The undersigned well operator is entitled to drill up	on the above named farm or tract of land for oil and gas, having fee
title thereto, (or as the case may be) under ment or	lease dated June 22 19 77 by Bel-Bar Wood et al and recorded on the day of
19, in County, Book	and recorded on the day of
77 '	
THEW WELLDRILL DEEPER	REDRILLFRACTURE OR STIMULATE
OIL AND GAS WELL ORIGINALLY DR	ILLED BEFORE JUNE 5, 1969.
The enclosed plat was prepared by a registered engine have been notified as of the above date.	neer or licensed land surveyor and all coal owners and/or operators
The above named coal owners and/or operator are h to make by Section 3 of the Code, must be received by	ereby notified that any objection they wish to make, or are required, or filed with the Department of Mines within ten (10) days. *
Copies of this notice and the enclosed plat were mail or coal owners at their above shown respective address same day with the mailing or delivery of this copy to t	led by registered mail, or delivered to the above named coal operators day before, or on the he Department of Mines at Charleston, West Virginia.
DIELGE GERVIE CORTES OF LEE	Very truly yours S. FRANKLIN BURFORD, ET AL.
PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:	(Sign Name) By Jay 4. Attorney Well Operator
WEST VIRGINIA GEOLOGICAL AND	1200 Commerce Square
- · · · · · · · · · · · · · · · · · · ·	Address Street
P. O. BOX 879 MORGANTOWN, WEST VIRGINIA 26505 Wel	Operator Charleston
AC-304 - 292-6331	City or Town
	West Virginia 25325
	State
notice and part by the department of mines, to said proposed log	the Department of mines, within said period of ten days from the receipt of cation, the department shall forthwith issue to the well operator a permit reciting coal operators or found thereto by the department and that the same is approved
BOND BRILL	BAR-877 PERMIT NUMBER
"I have read and understand the reclamation requirements as Chapter 22, Article 4, Section 12-b and will carry out the specified	s set forth in



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

PROPOSED WORK ORDER TO	X DRILL	DEEPENFRACTURE-STIMULATE RESPONSIBLE AGENT: STRACTURE STIMULATE NAMEEugene Pruitt			
DRILLING CONTRACTOR: (If					
NAME S. W. Jack Drill:	ing Co annon, West Virginia				
	annon, West Virginia				
TELEPHONE 4/2-2161		TELEPHONE 023-23	00 & 823-2585 W 636-74		
ESTIMATED DEPTH OF COMPL		ROTARY X	CABLE TOOLS		
PROPOSED GEOLOGICAL FORM	MATION: Benson				
TYPE OF WELL: OIL_	$_{\text{GAS}}$ $_{\text{X}}$ co	MB STORAGE _	DISPOSAL		
	RECYCLIN	G WATER FLOO	DOTHER		
TENTATIVE CASING PROGRAM	(:				
		T LINE TAL	CHARLES IN A LINE		
CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.		
20 - 16					
13 - 10 11-3/4	23 ft	23 ft	10		
9 - 5/8	t.				
8 - 5/8	1,000 ft	1,000 ft	275		
7					
5 ½					
4 1/2		4,200	600		
3		<u> </u>	Perf. Top		
2			Perf. Bottom Perf. Top		
Liners			Perf. Bottom		
OF PLAT. TO DRILL DEEPER OR REDRII SUBMIT FIVE (5) COPIES WELLS DRILLED PRIOR MUST ALSO BE SUBMITTE TO FRACTURE - STIMULATE: OIL AND/OR GAS WELL O	OF OG - 1, \$100.00 PERMI LL: OF OG - 1, SHOWING ORIGI TO 1929, A PERMANENT CO ED.	NAL PERMIT NUMBER AND DPY OF THE PLAT AND T * RE JUNE 5, 1929, FIVE (5) C	NO One OND AND PERMANENT COPY O PERFORMANCE BOND. ON HE ORIGINAL WELL RECORD COPIES OG - 1, PERFORMANCE		
OIL AND/OR GAS WELL O		ND/OR AFTER JUNE 5, 1929	o, five copies og - 1, show-		
Required forms must be file four (24) hours in advance.	ed within ninety (90) days of o	completion for bond release.	Inspector to be notified twenty-		
thereof. WAIVER: I the undersigned, Ag this lease have examin We the	ent for on our mine m	Coal Company, Owner aps this proposed well location have no objections to said w			
		12.	or Coal Company		
		314	or Coar Company		
		The section of the se	Official Title		





STATE OF WEST VIRGINIA

DEPARTMENT OF MINES



Oil and Gas Division

DEED OF BEEN

L AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,		· · · · · · · · · · · · · · · · · · ·	A 1	espaka.		
Charleston, W. Va.		UAIE	1 (2) 1 (3		······	
Surface Owner SQL	A second contract of the second contract of t				7 4	
Mineral Owner Colps	(2)		·Mar Go	wegan	Acres	
Address		Location (w	aters)			
Coal Owner.		Well No			Elevation	1.4747
Address.		19581	121102		County_	302002
Coal Operator		Quadrangle_		702. *	COUNTY_	
Address		~				s.
THIS PERMIT MUST BE POSTED AT THE WE	LL SITE					
All provisions being in accordance with Chapt of the W. Va. Code, the location is hereby ap	proved INS	PECTOR BE NOTIFI	ED ALA			
for <u>drilling</u> . This permit shall ex	xpire it	San sa				
operations have not commenced by 10-16-	.77 ADD	RESS				
Dodest word a	PHO	NE	L.			
Deputy Director - Oil & Gas Division				-		
GENTLEMEN:						
The undersigned well operator is entitled to dril title thereto, (or as the case may be) under grant						
THOUST BIK 5 made to BEL-BAR 19 County, Book _	CORP	and rec	orded on t			
NEW WELL DRILL DEE	PER	REDRI	[LL	FRACT	URE OR ST	IMULATE
OIL AND GAS WELL ORIGINALLY	DRILLED B	EFORE JUN	NE 5, 1969			
The enclosed plat was prepared by a registered have been notified as of the above date.	engineer or l	icensed land	surveyor a	nd all coal o	owners and/o	or operators
The above named coal owners and/or operator a to make by Section 3 of the Code, must be receive	re hereby not d by, or filed	ified that an with the D	y objection epartment o	they wish to Mines with	o make, or and in ten (10)	are required days. *
Copies of this notice and the enclosed plat were or coal owners at their above shown respective ad same day with the mailing or delivery of this copy	dress 💹 🗸 🗸	NE Y	day _	777	before,	al operators or on the
	Ve	ry truly you	rs,			
PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:	(Si	gn Name)	Oules_	ere J	D.	A
GEOTHIDICAL LOGS DIRECTLI TO.	({	3··· - · · · · · · · · · · · · · · · · ·	roQ2	Vell Operator	alor O	
WEST VIRGINIA GEOLOGICAL AND		***************************************				^2
P. O. BOX 879	Address of			Street		
MORGANTOWN, WEST VIRGINIA 26505	Well Operato	r	***	2022	ON. W	
AC-304 - 292-6331	,	4	•	or Town	0.00	
		***************************************	www.commons.com		To Not Kee	·
				State		
		\$60 L				
*SECTION 3 If no objections are filed or fou	md by the Dome					

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.

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

BAR-875

47-001

PERMIT NUMBER

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

PROPOSED WORK ORDER	ro Drill	DEEPEN I	FRACTURE-STIMULATE			
DRILLING CONTRACTOR:	(If Known)	RESPONSIBLE AGENT:				
NAME SON JOOK Dril	<u> </u>	NAME ALONG Pruit				
	Zenamon, Kv.		, Belington, W 2025			
TELEPHONE 472-216		TELEPHONE 23	2550 (8) 825-2505			
	MPLETED WELL:	ROTARY	CABLE TOOLS			
PROPOSED GEOLOGICAL FO	DRMATION: BONSON					
TYPE OF WELL: OI	LGAS	COMB STORAG	E DISPOSAL			
	RECYCL	ING WATER FL	OODOTHER			
TENTATIVE CASING PROGR	AM:					
CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.			
20 - 16						
13 - 10	23x*•	2327				
9 - 5/8	* 05 (20.00), (20.4.)	98. SALPA-A. Ph. 5	Note Lond 4-0			
8 - 5/8	1,00016.	1,000ft.	272			
7 5 ½						
4 1/2			600			
3			Perf. Top			
2			Perf. Bottom			
Liners			Perf. Top			
- Annual Control of the Control of t			Perf. Bottom			
TO DRILL:	THE AREA? NO ES OF OG - 1, \$100.00 PERM		BOND AND PERMANENT COPY			
OF PLAT. TO DRILL DEEPER OR RED.						
WELLS DRILLED PRIOR	R TO 1929, A PERMANENT (INAL PERMIT NUMBER A	ND PERFORMANCE BOND. ON THE ORIGINAL WELL RECORD			
TO FRACTURE - STIMULATE	Ξ:					
OIL AND/OR GAS WELI BOND, PERMANENT PL	ORIGINALLY DRILLED BEFO AT AND ORIGINAL WELL RE	DRE JUNE 5, 1929, FIVE (5) CORD.	COPIES OG - 1, PERFORMANCE			
	ORIGINALLY DRILLED ON A NUMBER, AND PERFORMANC		29, FIVE COPIES OG - 1, SHOW-			
Required forms must be four (24) hours in advance		completion for bond release	. Inspector to be notified twenty-			
The following waiver muthereof.	st be completed by the coal or	perator if the permit is to be	e issued within ten days of receipt			
	Agent fornone on our mine r		er or Operator of the coal under			
We the	Coal Company	have no objections to said	well being drilled at this location,			
			7, Chapter 22 of the West Virginia			
			September 1997			
			For Coal Company			

Official Title