6.6 H T HALL SHILOH - WICK

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•								
			DE		STATE OF WEST NT OF MINES, O		TSTON	Jan. 15
.∕ORM I\ (Obvers							Uperat	or's Ankrom #1
208-78					WELL OPERATOR			1 112. 47 - 095 -08
, ,		DRIL	LING, FR	IACTURI	NG AND/OR STIM	ULATING, OR FR	YSIJAL CHANGE	State County Pe
WELL TYPE:	011 <u>×</u>	_/ 0	as_X_	/ L10	quid Injection	/ Waste	Disposal	'
								Shallow//
					Watershed:			
	Distric	:t: <u> </u>	leade		County: Ty	ler	Quadrangle: _	Middlebourne
					Inc.	DESIGNATED	AGENT Loren	E. Bagley
Address		108 V	<i>lashing</i>	ton St	•	Addres	s 108 Wa	shington St.
		St. N	darys,	WV 26	170		St. Ma	rys, WV 26170
PERMITTED WO	RK: Dr	111 2	k / Co	nvert	/ Drill de	eper / Ro	edrill /	Practure or stinuinte
					/ Perfe			· · · · · · · · · · · · · · · · · · ·
					in well (spec:			
				<u>-</u>				
PERMIT ISSUE	ED ON	Seni	tember	25	19.80	OTI & CAS I	NSPECTOR FOR 1	But The Land
					0N			Lura Makk:
CONTINU	JOUS PR	OGRESS.	ION FROM	1 DRILL	ING OR _		s Alma	
			_, 19					rginia 26320
					on I			2622-2630 feet
Depth o	of comp	leted s	well, _		feet			
					_feet; sal			
Coal se	am dep	ths: _			Is coal	being mined i	n the area? _	No
Work wa	as comm	enced .	0	tober	26 . 19 <u>80</u>	_, and complet	ed <u>December</u>	. 20 , 19 <u>81 </u>
CASING AND T	PHETNA	PPOCPA	u					
				ายอ	# Booma	P Tumppuss	forwaya and	
CASING OR TUBING TYPE	Size	Grade	Weight per ft	New U	Jsed For drilli	A	CEMENT FILL OR SACKS 11 (Cubic fee	1 14
Conductor	10 3/	4	20	x	300.3	268	100 SK	Kinds Standard Bu
Fresh water								Pozmix
Coal								Sizes
Intermediate		 						
Production								Depths set
Tubing								
Liners Casing	4 1/2		10.5	x	2820.2	2752	250.07	Perforations: 9
GUJING	8 5/8	1	20	×	880	2753 880	250 SK	2622Tap 2630 Bottom
	7		20	x -	2178.8	0		
OPEN FLOW DA		•	I.,					perso a listed on P.I. ca
			The state of the s	THE CONTRACTOR OF THE PARTY OF				pth 2622-2630 fee
Ga				THE PERSON NAMED IN COLUMN NAM	DECOMPOSED OF THE PROPERTY OF			<u>0</u> 961/d
	Fir		n flow,	A STATE OF THE PARTY OF THE PAR			open flow,	Bb1/d
				•	between initia			
	•					e measurement) after <u>24</u>	hours shut in
(15 app	rizcable	e aus i	o multi	pre co	mpletion}			JAN 18 1982

[08-78]

DETAILS OF PERFORATED INTERVALS, PRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Nine perforations between 2622 and 2630. Treated with Nitrogen Frac, 720,000 SCF. Breakdown 2400#. Treated at 2200#.

WELL LOG

FORMATION Clay	Color	llard or Soft	Top Feet	Bottom Feet	Including indication of all fand salt water, coal, oil and
Red Rock and Sand		A Court	0	20	ster, coal, oil and
Red Rock		Problems	20	659	
Shale			659	730	
Sandy Shale	-		730	810	
Shale			810	860	***
Sandy Shale			860	890	
Sand			890	940	
Shale			940	978	
Sand			978	1003	
Shale and Sand			1003	1043	
Shale			1043	1100	
Sand			1100	1125	
Shale and Sand			1125	1180	
Shale			1180	1210	
Shale and Sand			1210	1280	
Shale	1	-	1280	1325	
Salt Sand		1	1325	1390	
Shale	-	F	1390	1435	
Greenbrier			1435	1539	
Shale and Sand	1.		1539	1699	
Big Injun	-		1699	1749	
Shale and Sand	·	· 1	1749	1815	
Squaw			1815	1820	
Shale and Sand	I		1820	1949	
Gas and Sand			1949	1979	
Shale			1979	2132	
Berea .	•		2132	2194	4. 计April 4 章 1 1 4. Webs
Shale and Sand	1		2194	2206	
Gantz			2206	2220	
Shale and Sand			2220	2313	
Thirty Foot			2313	2425	
Shale and Sand			2425	2427	
Gordon	l		2427	2454	
hale and Sand			2454	2618	
ourth Sand			2618	2634	
hale and Sand		1	2634	3059	
i i		1		3072	

CONTINUATION

(Attach separate sheets to complete as necessary)

L & B Oil Company, Inc.
Well Operator

By'

Ita President

NOTE: Regulation 2.02(i) provides as follows:

"The term 'log' or 'well log' shall mean a systematic, detailed geologial record of all formations, including coal, encountered in the drilling of a well."

TO THE DEPARTMENT OF MINES,



STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

Oil and Gas Division



26170

OIL AND GAS WELL PERMIT APPLICATION IL & GAS DIVISION DEPT. OF MINES

Charleston, W. Va.	DATE September 25.	1980
Surface Owner Roy Ankrom	Company L & B Oil C	ompany, Inc.
Address Bens Run , WV	Address 108 Washingt	
Mineral Owner Row Ankrom	Farm	Acres 63
Address Bens Run, WV 26135	Location (waters) Sugar C	
Coal Owner	4 . 1	
Address		
Coal Operator		•
Address PERMIT MUST BE POSTED AT THE WELL SITE		Management of the second of th
provisions being in accordance with Chapter 22, he W. Va. Code, the location is hereby approved		
drilling	INSPECTOR TO BE NOTIFIED Philip	Tracy
erations have not commenced by 5729-81	ADDRESS Alma, WV, 2632	en e
Deputy Director - Oil & Gas Division	PHONE 758 - 4573	
GENTLEMEN:		
The undersigned well operator is entitled to drill upon		
X NEW WELL DRILL DEEPER OIL AND GAS WELL ORIGINALLY DRI The enclosed plat was prepared by a registered engine have been notified as of the above date.	LLED BEFORE JUNE 5, 1969.	
The above named coal owners and/or operator are he to make by Section 3 of the Code, must be received by,	reby notified that any objection they wo, or filed with the Department of Mines	rish to make, or are require within ten (10) days.
Copies of this notice and the enclosed plat were mailed or coal owners at their above shown respective address same day with the mailing or delivery of this copy to the	day	before, or on the
and the first of the second second second	Very truly yours,	
PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:	(Sign Name)Well Oper	ator
WEST VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY	108 Washing to	n St.
P. O. BOX 879	of Operator St. Marys, W	V 26170
MORGANTOWN, WEST VIRGINIA 26505 Well AC-304 - 292-6331	City or Tow	U series de la constant de la consta
	West Virginia	
्रात्ते कृतिक विश्वविद्यालया । इति । विश्वविद्यालया । विश्वविद्यालया । विश्वविद्यालया । विश्वविद्यालया । विश्वव विश्वविद्यालया । विश्वविद्यालया । विश्वविद्यालया । विश्वविद्यालया । विश्वविद्यालया । विश्वविद्यालया । विश्वविद	21810	
*SECTION 3 If no objections are filed or found by notice and plat by the department of mines, to said proposed locate filing of such plat, that no objections have been made by the cand the well operator authorized to proceed.	the Department of mines, within said period ation, the department shall forthwith issue to	the Well operator a permit racifi
	47-095-0861	-

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

PROPOSED WORK ORDER ORILLING CONTRACTOR:	TO X DRILL	DEEPENFRACTURE-STIMULATE		
NAME		RESPONSIBLE AGEN		
ADDRESS				
TELEPHONE		ADDRESS RD # 1, Middlebourne WV TELEPHONE 684-9399		
ESTIMATED DEPTH OF COM	PLETED WELL: 4000	ROTARY X	CARLE CO.	
THOUGHD GROUNDICAL FO	RMATION: Devolitan Shall	2		
TYPE OF WELL: OII	X GAS X CO)MR CTODAG		
	RECYCLIN	IG WAMER DE	DISPOSAL	
			OODOTHER	
TENTATIVE CASING PROGRA	AM:			
(0.1.0.1)	a sa Alago da amang Jajang pana			
CASING AND TUBING SIZE	USED FOR	LEFT IN	CEMENT HILL UP	
20 - 16	DRILLING	WELL	OR SACKS - CUBIC FT.	
13 - 10				
	and the second of the second o	1		
8 - 5/8	250 ft	4.2.74	surface	
7			Surface	
5 ½				
4 1/2	TD		4000	
3				
2	Resident Care	her house of the same	Perf. Top	
Liners			Perf. Bottom Perf. Top	
			Perf. Bottom	
APPROXIMATE FRESH WATER APPROXIMATE COAL DEPTHS				
IS COAL BEING MINED IN TH TO DRILL: SUBMIT FIVE (5) COPIES OF PLAT. TO DRILL DEEPER OR REDRIE	OF OG - 1, \$100.00 PERMIT			
SUBMIT FIVE (5) COPIES WELLS DRILLED PRIOR T	OF OG - 1, SHOWING ORIGINATO 1929, A PERMANENT COP	L PERMIT NUMBER AND Y OF THE PLAT AND TH	PERFORMANCE BOND. OF THE ORIGINAL WELL RECOR	
TO FRACTURE - STIMULATE:				
OIL AND/OR GAS WELL OF BOND, PERMANENT PLAT	RIGINALLY DRILLED BEFORE AND ORIGINAL WELL RECOF	JUNE 5, 1929, FIVE (5) CO	OPIES OG - 1, PERFORMANCI	
OIL AND/OR GAS WELL OF	RIGINALLY DRILLED ON AND MBER, AND PERFORMANCE BO	OB 4 5000	FIVE COPIES OG - 1, SHOW	
	l within ninety (90) days of com		nspector to be notified twentage	
mental mental distriction of the second dist	Barton Alexandra Alexandra (Alexandra)			
	organistic section of the section of			
1000 1000 1000 1000 1000 1000 1000 100				
The following waiver must be dereof.	e completed by the coal operato	r if the permit is to be iss	ued within ten days of receipt	
AIVER: I the undersigned, Agen	e completed by the coal operato	Coal Company Owner		
AIVER: I the undersigned, Agen this lease have examined We the providing operator has co		Coal Company, Owner of this proposed well location no objections to said well ons in Articles 4, 5, and 7, 6	Operator of the coal under	
AIVER: I the undersigned, Agen this lease have examined We the providing operator has co	d and place on our mine maps Coal Company have omplied with all rules and regulations.	Let Coal Company, Owner of this proposed well location no objections to said well ons in Articles 4, 5, and 7, 0	Operator of the coal under	

Official Title