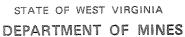
6-6 Buckhannon-Century (257)

APR 1 8 1973





94.84

Oil and Gas Division

RECORD

Quadrangle Sago UPS-1477 Permit No.

Oil_ Rotary_X Gas. Cable. Comb. Recycling Water Flood___ Storage Disposal_ (Kind)

Company Chesterfield Corporation	Casing and	Used in	Left	Cement fill up
Address Box 2428, Clarksburg, W.Va.	Tubing	Drilling	in Well	Cu. ft. (Sks.)
Farm Henry Register Acres 20			 	+
Location (waters) Middle Fork River	Size			e de la companya de l
Well No. L & L No. 1 Elev. 2038	20- 16			
District Union County Upshur	Cond.	14	14_	8sx
The surface of tract is owned in fee by Henry &	13-10"			_
Annie Register	9 5/8			
Address Middle Fork River, Buckhannon	8 5/8	720	720	170sx-Howco
Mineral rights are owned by Henry & Annie	7			to surface
Register Address Middle Fork River	5 1/2			
Drilling Commenced 2-7-73	4 1/2	3640	3640	470sx-Howco
Drilling Completed 2-15-73	3			
Initial opén flow bbls.	2			
Final production 1.5MM cu. ft. per day 20 bbls.	Liners Used			
Well open 4 150 ins. before test 700 RP.			<u> </u>	
Well treatment details:	Attach copy of	f cementing rec	ord.	

Howco - Waterfrac - two stage w/baffle @1930' Benson Fm-BDW/500 gal MSA acid BD press 1900 psi

frac w/680 bbls sd laden fluid 44,000 #20/40 sd

air 36.1BPM AIP2400 psi HHP used 2124

5th Sand Fm- BD w/500 gal MSA acid BD press 2300 psi

sd AIR 36.2BPM frac 2/646 bbls sd laden fluid 31,00 #20/40

HHP used 2218 KMMK Coal was encountered at <u> 120'</u>

AIP 2500

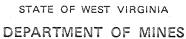
Fresh water 751 Producing Sand Benson 5th

Formation Color Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water * Remarks
romation color rigid of Soft	Top reet		On, Gas of Water Remarks
Clay & Sandstone	0	14	_
SS & Shale	14	498	Water at 120'
Redrock & Sand	498	720	
Sand & Shale	720	806	
Little Lime & Shale	806	912	
Big Lime	912	1024	*
Shale	1024	1040	
Keener Lime	1040	1070	*
Big Injun Sd	1070	1140	*
Sand & Shale	1140	1774	
5th Sand	1774	1872	sho of oil and gas*
Shale	1872	2020	
Bayard Sand	2020	2050	*
Sand & Shale	2050	3310	
2nd Riley	3310	3325	*
Sdy Shale	3325	3366	
3rd Riley	3366	3390	*
Sand & Shale	3390	3540	
Benson Sand	3540	3570	*
Sand & Shale	3570	3664	
Band Santia de Santia Santia de de Santia de Santia de Santia Santia Santia Santia Santia Santia Santia Santia			
			Rotary TD 3664

(over)

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







OIL & GAS DIVISION DEPT. OF M!NES

Oil and Gas Division OIL AND GAS WELL PERMIT APPLICATION

	TO THE DEPARTMENT OF MINES,
	Charleston, W. Va. DATE DEC. 23,1972
	Surface Owner HENRY D. & ANNA REGISTER Company CHESTERFIELD CORP
	Address MIODLE FORK RIVER, BUCKNANNON W. Address P. D. BOX 242B C/AKKSBURG, W. J.
	Mineral Owner HENRY D. & ANNA REGISTER Farm PHENRY REGISTER Acres 20
	AddressMiDDLE FORK RIVER BUCKHANNOW Location (waters) MIDDLE FORK RIVER.
	Coal Owner HENRY D. & ANNIA REGISTER Well No. L&L # 1 Elevation 2038
	Address MIDDLE FORK RIVER, BUCKHAUNON District UNION County UPSHUR
	Coal Operator NONE Quadrangle 5 A G A
	Address
	INSPECTOR TO BE NOTIFIED Thomas
E	IIS PERMIT MUST BE POSTED AT THE WELL SITE DOLL PH: 472-64/8
	Il provisions being in accordance with Chapter 22, Duckhamon
	or drilling. This permit shall expire if
)[perations have not commenced by $5-8-73$.
	Dobert Brown
)e	eputy Director - Oil & Gas Division
	CIENTON TOWARDAY.
	GENTLEMEN:
	The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fe title thereto, (or as the case may be) under grant or lease dated JUNE 17 1972 by HENRY D.
68	ANNA REGISTEMANA to CHESTERFIELD CORP. and recorded on the 2340 day of SEPT
	1972 in UPSIOR County, Book 5 Page 207
	NEW WELL
	OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.
	The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.
	The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. *
	Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address day before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.
	Very truly yours
	(Sign Name) Story Selection
	145 Tala Pal 57
	Address Street
	of Well Operator City or Town
	City or Town
	WEST, VIRGINIA
	State

*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.

Zlps - 1477 PERMIT NUMBER

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

NAME B.M&S D	(If Known)	RESPONSIBLE AGEN	NT: Ey N. PickEUS
D cake Mail			HORN St.
	JON, W.UA.	_ ADDRESS // 3	-546 7
TELEPHONE 2/6-264			
	mpleted well: 2200 ormation: 5 th Sano		CABLE TOOLS
CYPE OF WELL: O	IL GAS	COMB. STORA	GE DISPOSAL
	-		LOODOTHER
CENTATIVE CASING PROG	RAM:		
CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
0 - 16			
3 - 1/8	5	15 '	85X
- 5/8			
5-5/8 // hole	600'	600'	CIRCULATE to SURFACE
5 ½			
1 1/2 7 1/2 HOLE	2200'	500'	1105% CEMENT
}			Perf. Top
<u>)</u>	<u> </u>	<u>, nedasti Alix Rombnos</u> Vidas Vieted zi moldas	200 A
iners .			Perf. Bottom
			taki kuma da katangan anat da
O DRILL:	THE AREA?NO		
S COAL BEING MINED IN TO DRILL: SUBMIT FIVE (5) COP OF PLAT. TO DRILL DEEPER OR REI SUBMIT FIVE (5) COP WELLS DRILLED PRIC MUST ALSO BE SUBMIT OF FRACTURE - STIMULAT OIL AND/OR GAS WELL BOND, PERMANENT P OIL AND/OR GAS WELL ING ORIGINAL PERMIT	THE AREA? LES OF OG - 1, \$100.00 PE DRILL: LES OF OG - 1, SHOWING OF DR TO 1929, A PERMANENT TTED. LE: L ORIGINALLY DRILLED BE LAT AND ORIGINAL WELL L ORIGINALLY DRILLED OF NUMBER, AND PERFORMAN filed within ninety (90) days	RMIT FEE, PERFORMANCE RIGINAL PERMIT NUMBER I COPY OF THE PLAT AN EFORE JUNE 5, 1929, FIVE (RECORD. N AND/OR AFTER JUNE 5, NCE BOND.	BOND AND PERMANENT COPY AND PERFORMANCE BOND. ON D THE ORIGINAL WELL RECORD 5) COPIES OG - 1, PERFORMANCE 1929, FIVE COPIES OG - 1, SHOW- se. Inspector to be notified twenty-
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Official Title