

RECEIVED CON

IV-35 (Rev 8-81)

OIL AND GAS DIVERSES

WY DEPARTMENT OF MINES

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Date		tember	27,	1982
Opera	ator's	3		
Well		ONE		
Farm		BRANN	ION	
API N	Vo. 47		. 7 =	• 3001

WELL OPERATOR'S REPORT

OF

DRILLING,	FRACTURING	AND/OR	STIMULATING,	OR	PHYSICAL	CHANGE

LOCATION: Elevation: 1080' Watershed				
District: McCLELLAN County DOI	NA CONTROL CON	Quadrangl	e SALEM	
		_	ANGERNATINGER FERNINANNUM MANAMETI LEZISEEL ANGER	
COMPANY PETROLEUM DEVELOPMENT CORPORATION				10
ADDRESS P.O. BOX 26 BRIDGEPORT WV 26330	Casing	Used in	Left	Cement fill up
DESIGNATED AGENT Same as above	Tubing	Drilling	in Well	
ADDRESS	Size			
SURFACE OWNER HUGH L. CURRY ET AL	20-16 Cond.			
ADDRESS RT. 3 BOX 561-D CLARKSBURG WV 26301	13-10"	40'	40'	circulate
MINERAL RIGHTS OWNER PAUL & HESTER BRANNON	9 5/8			
ADDRESS 120 McNABB DR. ELKVIEW WV 25091	8 5/8	1628'	1628'	400 sks
OIL AND GAS INSPECTOR FOR THIS WORK	-7			100000
ADDRESS	5 1/2			
PERMIT ISSUED 4/23/81	4 1/2	5218'	5218'	400 sks
DRILLING COMMENCED 7/13/81	3			
DRILLING COMPLETED 7/19/81	2			
IF APPLICABLE: PLUGGING OF DRY HOLE ON				
CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED	Liners used			
ON				
GEOLOGICAL TARGET FORMATION	Benson	Dept	th 5102	feet
Depth of completed well 5338 feet		Contract of the last of the la		
Water strata depth: Fresh 102 feet;			-	
Coal seam depths: 1580-83	***************************************		ed in the	area? No
		•		
OPEN FLOW DATA Producing formation Devonian Shale	ason T -		<u>-⊾ 3850−51</u>	76 =
Gas: Initial open flow 212 Mcf/d				
Final open flow 7 Mcf/d				The state of the s
Time of open flow between in		-		
Static rock pressure 1090 psig(surfa (If applicable due to multiple completion		ent) arte	rnou	rs snut in
•				~
Second producing formation				
	OTT: TUI	rmar oben		
Gas: Initial open flowMcf/d			• .	
	Oil: Fir			

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

Devonian Shale -- N₂ & CO₂

1000 gal. acid

980,000 CF - N₂

72 Perforations 3850-5176

37 tons (179 $\overline{bb1}$) - CO_2 - Total

~Boultown-Benson

			REMARKS
FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	Including indication of all fresh
			and salt water, coal, oil and gas
K.B G.L.	0'	10'	
Sand, shale, red rock	10'	921'	1/2" stream H ₂ O @ 102'
Sand, shale, red rock	921'	1298'	· ~
Sand, shale, red rock	1298'	1580'	
Coal	1580'	1583'	
Sand, shale	1583'	2046'	
Big Lime	- 2046'	2082'	
Big Injun	2082	2191'	
Pocono	2191'	2227	
Sand, shale	2227'	2334	
Weir	2334	2373	
Sand, shale	2373	2567'	•
Gantz	2567'	2593'	Gas check @ 2578' NO SHOW
Sand, shale	2593'	2641'	das effecti (2576 Ho bliow
50 Ft.	2641'	2716'	
Sand, shale	2716'	2757	
Gordon Stray	2757	2802'	¼" stream H ₂ O at 2766
Sand, shale	2802	2858'	
Gordon	2858	2924'	Gas Check @ 2891' - Slight odor
Sand, shale	2924'	2972'	das dheek e 2091 - biight dudi
4TH	2972	3029'	
Sand, shale	3029'	3111'	
5TH	3111'	3150'	
Sand, shale	3150'	3429	
Warren	3429'	3469	·
Sand, shale	3469'	3630'	
Upper Speechley	3630'	3683"	
Sand, shale	3683*	3777	
Speechley	3777'	3840'	
Sand, shale	3840'	3939'	
Balltown	3939'	4087'	
Sand, shale	4087'	44981	
Bradford	44981	4618'	
Sand, shale	4618'	4832'	
Riley	4832'	4832 4954'	
	4954	5102	
Sand, shale	5102	5152	
Benson		5342° TD	
Sand, shale	5152'	224411	b

(Attach separate sheets as necessary)

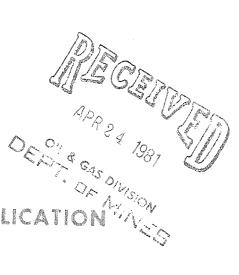
BOX 26 BRIDGEPORT WV

1982 September 27,

Note: Regulation 2.02(i) provides as follows:

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





Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

	TO THE DEPARTMENT OF MINES,		
	Charleston, W. Va.	DATE April 22, 1981	
	Surface Owner Hugh L. Curry et al	CompanyPetroleum Developmen	nt Corporation
	Address Rt 3 Box 561d Clarksburg, WV 26301	Address P. O. Box 26, Bridge	Control of the Contro
	Mineral Owner Paul & Hester Brannon	Farm Paul Brannon #1	
	Address 120 McNabb Drive Elkview, WV 25071		
	1 Willis G. Tetrick, Jr. Coal Owner Union National Center	Well No. One	The state of the s
	Clarksburg, WV 26301 Address 2 Maxwell Sutton		AND A STATE OF THE PARTY OF THE
	Coal Operator Clarksburg, wy 26301	- Quadrangle Salem	the contract of the second of
	Country Club Addn, Country Club Addn, Coal Operator Clarksburg, wy 26301 3 Union National Bank Address Clarksburg, WV 26301	W Section 1997 - The section of the	
A	HIS PERMIT MUST BE POSTED AT THE WELL SITE All provisions being in accordance with Chapter 22, IN	NSPECTOR D BE NOTIFIED Paul Garrett	
fc	or <u>drilling</u> . This permit shall expire if	J DE NOITFIED	
O	perations have not commenced by 1-9-82 AI	DDRESS 321 Beech Street, Cl	arksburg, WV 263
-Minga	The state of the s	HONE 622-3781	
	Deputy Director - Oil & Gas Division GENTLEMEN:		
٠	The undersigned well operator is entitled to drill upon the	above named farm or tract of land som	
	title thereto, (or as the case may be) under grant or lease de	ited January 15 1001	1 01
Mu	made to recruieum peveropment	Corp. and recorded on the 24th	day of Februa
	1981 in Doddridge County, Book 119	Page 285	to a y tel mentione and a second
	XX NEW WELL DRILL DEEPER	REDRILI DD ACTUI	TO TO A POST AND A CONTRACT OF THE CONTRACT OF
	OIL AND GAS WELL ORIGINALLY DRILLED	BEFORE JUNE 5, 1969.	RE OR STIMULATE
	The enclosed plat was prepared by a registered engineer or have been notified as of the above date.	licensed land surveyor and all coal ov	vners and/or operators
	The above named coal owners and/or operator are hereby n to make by Section 3 of the Code, must be received by, or file	otified that any objection they wish to ed with the Department of Mines within	make, or are required ten (10) days. *
	Copies of this notice and the enclosed plat were mailed by ror coal owners at their above shown respective address same day with the mailing or delivery of this copy to the Department of the Copy to	registered mail, or delivered to the above	named coal operators
	PLEASE SUBMIT COPIES OF ALL	Sign Named And Well Operator	Lec
	WEST VIRGINIA GEOLOGICAL AND	PETROLEUM DEVELOPMENT (P. O. Box 26	CORPORATION
	P. O. BOX 879 Address of	Street	nersick to Kore Bulleting, to the Miller Company of the Company that the second common state of position produces control the de-
	MORGANTOWN, WEST VIRGINIA 26505 Well Operation	The state of the s	
	AC-304 - 292-6331	Cay or Town	and the second participation of
		West Virginia 26330	
		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 and the well operator authorized to proceed.



47-017-3001

____PERMIT NUMBER

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

PROPOSED WORK ORDER TO	James A. Lander DRILL	DEEPEN	FRACTURE-STIMULATE		
		RESPONSIBLE AGENT: NAME Petroleum Development Corporation			
ADDRESS		and the second s	ox 26 Bridgeport, WV 26330		
TELEPHONE		The same of the sa) 842-6256		
STIMATED DEPTH OF COMP		ROTARY XX	CABLE TOOLS		
		YAMB ORODA	GEDISPOSAL		
195					
	323C-1 C/23	MATER P	LOODOTHER		
ENTATIVE CASING PROGRA	M:				
CASING AND TUBING	construires de contracte de contracte de C (contracte de C) (cont	выму шеб на година произвительний развидент надрага на пред том пред пред том пред пред том пред пред том пред Пред том пред том	CEMENT FILL UP		
5 7 2 д Стительный выпользый польше торовання в это выпользый польшення выпользый польшення выпользый выпользый выпользый	enteren interestation de la company de la co	W 17.1.1.	OR SACKS - CUBIC FT.		
1 - 16	The state of the s	Control of the State of the Sta			
5/8	and any and the second	40 1	Circulate		
S. M.	1650'	1650			
The second secon	and a second of the control of the second of	The second secon	Circulate to surface		
	ar from the promotion of the contract of the c				
The statement of the st	Constitution of the Consti	5000	300 sks		
	in the state of th		A THE RESIDENCE OF THE PROPERTY OF THE PROPERT		
	A STATE OF THE PROPERTY OF THE		Perf. Bottom		
418			Perf. Ton		
A Committee of the comm	 Plate on a straight control of the force of the property of the p	MANUAL PROPERTY OF THE PERTY HAVE BEEN AND AND THE PERSON OF THE PERSON	Perf. Bottom		
PROXIMATE FRESH WATER PROXIMATE COAL DEPTHS COAL BEING MINED IN TH	300		PEET		
· DRILL:	Salt manager advances	mentions in communication return WS 2 AA LLF LATE (The second secon		
DRILL DEEPER OR REDRIL SUBMIT FIVE (5) COPIES (L: DF OG - 1. SHOWING ORIGI	MAY DED MICE MUMERITY	BOND AND PERMANENT COPY ND PERFORMANCE BOND. ON		
WELLS DRILLED PRIOR T MUST ALSO BE SUBMITTE	· C · COAO, A FRANKANKNT GR	OPY OF THE PLAT AND	THE ORIGINAL WELL RECORD		
FRACTURE - STIMULATE:		8			
OIL AND/OR GAS WELL OF BOND, PERMANENT PLAT	RIGINALLY DRILLED BEFOR AND ORIGINAL WELL REC	RE JUNE 5, 1929, FIVE (5)	COPIES OG - 1, PERFORMANCE		
OIL AND/OR GAS WELL OF	RIGINALLY DRILLED ON AN MBER, AND PERFORMANCE	ID/OR AFTER HINE 5 10	29, FIVE COPIES OG - 1, SHOW-		
Required forms must be filed four (24) hours in advance.	within ninety (90) days of c	ompletion for bond release	. Inspector to be notified twenty-		
	- CORN THE CORN CONTROL OF				
	A.	The second secon			
The following waiver must breaf.	e completed by the coal oper	ator if the permit is to be	issued within ten days of receipt		
IVER: I the undersigned, Ager this lease have examine	nt for	Coal Company, Owners, this proposed wall bear	er or Operator of the coal under		
We the	E and and and mile in	w ruis proposed well loca	uon.		
providing operator has co	Coal Company h omplied with all rules and regu	ave no objections to said v lations in Articles 4, 5, and	vell being drilled at this location, 7, Chapter 22 of the West Virginia		
		- 000 4440	For Coal Company		
		According to the beautiful to the second of			
		The state of the s	Official Title		

