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## RECEIVED

FEB 1 - 1982

TV-35 (Rev 8-81)



OIL AND GAS DIVISION
WY DEPARTMENT OF MINES
Sixte of Mest Mirginia

Department of Mines
Bil and Gas Division

Date		01/28	3/82			
Opera Well	ator' No	S	-A	•		
Farm				OOLE		_
API 1	<b>50.</b> 47	<b>~</b> (	017	ano	3015	-

WELL OPERATOR'S REPORT OF

DRILLING, FRACTURING AND	OR	STIMULATING,	OR	PHYSICAL	CHANGE

THE ATTEMPT OF LAND AND A PARTY OF THE PARTY				llow/)
LOCATION: Elevation: 1020' Watershed District: McCLELLAN County DOD			SALEM	
COMPANY DETPOI FIRM DEVELOPMENT CORPORATION		TO MONTH OF THE PROPERTY OF TH		ng de Person i pembahkakkan arang Makan ang taung dan manawar di Salah Palat manawar ang dan dan dan salah sa
COMPANY PETROLEUM DEVELOPMENT CORPORATION	Annual Control of the			
ADDRESS P.O. BOX 26 BRIDGEPORT WV 26330	Caşing	Used in	Left	Cement fill up
DESIGNATED AGENT	Tubing	Drilling	in Well	Cu. ft.
ADDRESS SURFACE OWNER NILE T. SWIGER	Size 20-16	•		
	20-16 Cond.			
ADDRESS RT. 2 SALEM WV 26426	13-10"	40'	40 <b>'</b>	circulate
MINERAL RIGHTS OWNER LEON WILSON ET AL	9 5/8			
ADDRESS 700 STEALEY AVE. CLARKSBURG WV 26301	8 5/8	1624'	1624'	circulat
OIL AND GAS INSPECTOR FOR THIS WORK	7			on the state of th
ADDRESS	5 1/2			'4
PERMIT ISSUED June 8, 1981	4 1/2	5173 <b>'</b>	5173'	100 sks
DRILLING COMMENCED 6/26/81	3			
DRILLING COMPLETED 7/3/81	2			
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED	Liners used			
ON	war			
GEOLOGICAL TARGET FORMATION CEDAR CREEK		Dept	<u>h</u> 5600	feet
Depth of completed well 5600 feet				
Water strata depth: Freshfeet;	Salt	feet		
Coal seam depths: 407' 24"	Is coal	being mine	ed in the	area?_no
OPEN FLOW DATA				
Producing formation	Pay	zone dept	<b>:</b> h	feet
Gas: Initial open flow Mcf/d	Oil: Ini	tial open	flow	Bbl/d
Final open flow 14.9 7 Mcf/d	Fir	nal open fl	Low	Bbl/d
Time of open flow between ini				
The same of the sa		_		
Static rock pressure 825 psig(surfa	n)			
Static rock pressure 825 psig(surfa (If applicable due to multiple completion		zone dept	<b>:</b> h	feet
Static rock pressure 825 psig(surface) (If applicable due to multiple completion) Second producing formation	Pay	zone dept	hflow	feet Bbl/d
Static rock pressure 825 psig(surface)  (If applicable due to multiple completion)  Second producing formation  Gas: Initial open flow Mcf/d	Pay Oil: Ini	tial open	flow	Bbl/d
Static rock pressure 825 psig(surface) (If applicable due to multiple completion) Second producing formation	Pay Oil: In: Oil: Fir	itial open nal open fi	flow	Bbl/d Bbl/d

(Continue on reverse side)

FORM IV-35 (REVERSE)

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

Benson, Riley Stringer

12,000 lb. 20/40, 250 gal of 15% acid 310 bbl.

with 3 lb./gal.

5066-5671, 4859, 4995, 4912-4914 50,000 CF - Nitrogen

#### WELL LOG

and the second s			REMARKS		
FORMATION COLOR HARD OR SOF	T TOP FEET	BOTTOM FEET	L. Company of the Com		
			and salt water, coal, oil and gas		
K.BG.L.	0,	10°			
Sand, shale, red Rock	10'	K :			
Coal	407'	407'			
Sand, shale, red rock	1	409 "			
Big Lime	4091	1944'			
Big Injun	1944'	2002'			
Pocono	2002'	2077'			
	2077'	2134'			
Sand, shale Weir	2134'	2266'			
·	2266'	2302	•		
Sand, shale	2302'	2482'			
Gantz	2482'	2516'			
Sand, shale	- 2516'	2551'			
50 Ft.	2551'	2607'			
Sand, shale	2607	2680'	Gas check @ 2644' 14/10=1" H <sub>2</sub> 0		
Gordon Stray	2680'	27291	2		
Sand, shale	2729'	2760'			
Gordon	2760¹	2845			
Sand, shale	2845	2901'			
4TH	2901'	2957'			
Sand, shale	2957'	2997.			
5TH	2997 <b>'</b>	3080'			
Sand, shale	3080'	3362'	Gas check @ 3180' 10/10=1" H <sub>2</sub> 0		
Warren	3362'	3521'	200 10, 10-1 1120		
Sand, shale	3521'	35681	Gas check @ 3544' 42/10=1" H <sub>2</sub> 0		
Upper Speechley	3568'	3627	120		
Sand, shale	3627'	3715'			
Speechley	3715'	3789'			
Sand, shale	3789'	3882'			
Balltown	38821	3974			
Sand, shale	3974'	4424			
Bradford	44241	4552'			
Sand, shale	4552'	4774°			
Riley	4774'	4828'			
Sand, shale	4828	5052			
Benson	-5052'	5107."			
Sand, shale	5107'	a x			
-and one	1 710/	5600 TD			

(Attach separate sheets as necessary)

PETROLEUM DEVELOPMENT CORP. P.O. BOX 26 BRIDGEPORT WV

January 28, 1982

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 coal, encountered in the drilling of a well."









JUN - 3 1981

OIL & GAS DIVISION DEPT. OF MINES

### Oil and Gas Division

# OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,	
Charleston, W. Va.	DATEJune 2, 1981
Surface Owner Nile T. Swiger	er A. B. Co. Mad accompany of the first committee and a committee of the c
Address Rt 2 Colom III	Josephing The Street Bever Topment Corporation
Mineral Owner Leon Wilson et al	January Wy Loggo
Address 700 Stealey Ave. Clarksburg, WV 2630	Farm Bernadette Poole Acres 45
Coal Owner Union National Center Clkbg, WV	10000
Address Clark National Center Cikbg, WV Address Clark Nation, Country Club, Union National Center Cikbg, WV 26301	Total Sales
Cast Operator Clarksburg IW 20201	District McClellan County Doddridge
Address	Quadrangle Salem
PERMIT MUST BE POSTED AT THE WELL SITE	
provisions being in accordance with Chapter 22, he W. Va. Cade, the location is hereby approved	
	INSPECTOR
drilling . This permit shall expire if	TO BE NOTIFIED Stephen Casey
ations have not commenced by 2-18-82	ADDRESS DA O D OOD D
+ Thursey	ADDRESS Rt. 2 Box 232-D Jane Lew, WV 26378
Deputy Director - Oil & Gys Division	PHONE884-7470
GENTLEMEN:	
•	
itie therete (an anathr	the above named farm or tract of land for oil and gas, having fee
the thereto, (or as the case may be) under grant or lease	e dated <u>January 15</u> 19 <u>81</u> by <u>Clarence W.</u>
made to Petroleum Developme	ent Corp and recorded on the 2nd day of February
in Book 119 County, Book 119	Page 285
XX NEW WELLDRILL DEEPER	REDRILL FRACTURE OR STIMULATE
OIL AND GAS WELL ORIGINALLY DRILL	ED BEFORE JUNE 5, 1969.
are been notified as of the above date.	or licensed land surveyor and all coal owners and/or operators
The above named coal owners and/or operator are hereb-	y notified that any objection they wish to make, or are required
make by Section 3 of the Code, must be received by, or	of filed with the Department of Mines within ten (10) days.
Copies of this notice and the enclosed plat were mailed b	her provintened and the second
me day with the mailing or delivery of this copy to the D	Department of Mines at Charleston, West Virginia.
LEASE SUBMIT COPIES OF ALL	Very truly yours,
EOPHYSICAL LOGS DIRECTLY TO:	(Sign Name) Johnny / Mittle &
	Wall County
EST VIRGINIA GEOLOGICAL AND	PETROLEUM DEVELOPMENT CORPORATION P. O. Box 26
CONOMIC SURVEY Addr	Street
. O. BOX 879 of ORGANTOWN, WEST VIRGINIA 26505 Well Ope	
C-304 - 292-6331	Cay or Town
	West Virginia 2022
	West Virginia 26330 State

\*SFCTION 3.... If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of foative and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting that 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.

47-017-3015

\_\_PERMIT NUMBER

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

PROPOSED WORK ORDER TO DRILLING CONTRACTOR: (	OXX DRILL		
NAME Unknown		RESPONSIBLE AGEN	
			Development Corporation
ADDRESSTELEPHONE		The state of the s	ox 26, Bridgeport, WV 263
		TELEPHONE (304)	
ESTIMATED DEPTH OF COM	PLETED WELL: 5000	ROTARY XX	CABLE TOOLS
PROPOSED GEOLOGICAL FO			
TYPE OF WELL: OIL	RECYCL	COMB. STORAG	
TENTATIVE CASING PROGRA	kM:		
CASING AND TUBING	in the control of th	ado en pasago e confessione e no en encontra mestra antistra mestra contrata de contrata d	C T A LA CALLES AND A CALLES AN
можности при при при при при при при при при пр			OR SACKS - CUBIC 10).
20 - 16			The second secon
9 - 5/8 11 3/4			
the sky with the second	40 .	40	
7	1650	1650	Circulate to surfa-
5 1/2		The state of the s	The second secon
4 1/2	and the state of t	5000	500 sks or as re
	and the second s	<u> </u>	Pert For by rule is
Lipare	and the contract of the contra	The control of the co	Perf. Bottom
Liners			Pert Ton
			Pert. Bottom
	DEPTHS 80 FEET	SALT WATER	FEET
IS COAL BEING MINED IN THE	TES AND TAKE	The second section of the second second second second second section s	
TO DRILL DEEPER OR REDRIES SUBMIT FIVE (5) COPIES	LL: OF OG - 1 SHOWING ORIGI	IN A L. DEDAMO AVERTON .	BOND AND PERMANENT COPY  ND PERFORMANCE BOND. ON
MUST ALSO BE SUBMITT	— 1	OPY OF THE PLAT AND	ND PERFORMANCE BOND. ON THE ORIGINAL WELL RECORD
TO FRACTURE - STIMULATE:			
	THE CHARLEMAN MENT REF	XHCD.	COPIES OG - 1, PERFORMANCE
	was the rest of the continuent of the	BUND.	29, FIVE COPIES OG - 1, SHOW
Required forms must be file four (24) hours in advance.	d within ninety (90) days of c	ompletion for bond release.	Inspector to be notified twenty-
The following waiver must ithereof.	pe completed by the coal oper	rator if the permit is to be	issued within ten days of receip-
WAIVER: I the undersigned, Age	nt for	—— Coal Company, Owner	or Operator of the and
ours rease have examine	sa and place on our mine ma	ps this proposed well locat	ion.
we theproviding operator has c	Coal Company h	ave no objections to said w lations in Articles 4, 5, and	rell being drilled at this location. 7, Chapter 22 of the West Virginia
		1.	Pr Coal Com
		. 19	or Coal Company
		The state of the s	Official Title