Plot Card CSD	2/20/80 /
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	A Commission of the Commission
REVISED LOCATION	
Lindows Kerne of C Source of Elevation	verse mandidada de la comença
Fracture ledge and belief and	reby certify that this map is correct to the best of my know- shows all the information required by paragraph 6 of the raise he oil and gas section of the mining laws of West Virginia.
New Location	State 2 acres a consequence and a consequence an
Abadoment.	
Company	STATE OF WEST VIRGINIA
Address	OIL AND GAS DIVISION
Farm E. G. Janes, et al A a party Galbins	CHARLESTON
Tract Acres I5 Lease No Well (Farm) No Mart No	WELL LOCATION MAP
Well (Farm) No. Wall Med. Serial No	FILE NO. 47-UK-2569-Revised
Quadrangle Smithburg 7/2 Courses contist	
County <u>Bodderidage</u> District Weat Walliam Engineer	† Denotes location of well on United States Topographic Maps, scale 1 to 2,2000, latitude
	and longitude lines being represented by border lines as shown.
Engineer's Registration No. 1227  File No. Drawing No.	Denotes one inch spaces on border line of
Date Esbruory 18.1980 Scale 17.500	

L. Log. Cardudam CSD A LATTUDE -0 39 0 20 (15)M. E. Finen NEGE -1 -3 3,50 1.89 OWNERSHIP no coal mined in this vicinity Surface: - Arden Rollins ONE Gas: Eawer C. Jones at. at. SONO CO CO BOOK SONO CONTRACTOR C I, the undersigned, hereby certify that this map is correct to the best of my know-bedge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia. Fracture New Location.... Drill Deeper..... Signed: May No. Squares: Abandonment.... State of West Virginia Company Mart Desiglapment ins DEPARTMENT OF MINES Address Route & Bax 336 AR Fairmont W. Va OIL AND GAS DIVISION CHARLESTON Farm E. G. Sagaga G. L. G. Acres ZZ Lesse No. WELL LOCATION MAP Well (Farm) No MANAMOL Serial No. FILE NO.47-017-2569 Elevation (Spirit Level) \_227 5W Quadrangle Smithburg Ila County Dodderdas District + Denotes location of well on United States Topographic Maps, scale 1 to 25 23 latitude and longitude lines being represented by Engineer Maddo border lines as shown. Engineer's Registration No. 1227 \_\_Drawing No. - Denotes one inch spaces on border line of original tracing. Date <u>Dec. 28, 1979</u> Scale 1": 500" TRASCO 100 12-78 MC8868\*

G-G SMITHTON- FLINT SEDALIA 29 TES 6 1980



STATE OF WEST VIRGINIA DEPARTMENT OF MINES

# JUN 6 1980

## Oil and Gas Division

WELL RECORDS

Quadrangle Smithburg 710

Permit No. 47-017-2569

OIL&	GAS I	DIVIS	ION	
EPT.	C	NA:	R I P	Separate Parties
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Gas\_ Cable\_ Recycling\_ Comb. Water Flood\_\_ Storage\_ Disposal\_

				(Kind)
Company MERT Development, Inc. Address Rt. 8 Box 336-AA Fairmont, WV	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Farm Charles B. Travis Acres 75				~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
Location (waters) Buckeye Creek Well No. Elev 860'	Size 20-16	TO STORY OF THE PARTY OF THE PA		
District West Union County Doddridge	Cond.			
The surface of tract is owned in fee by Charles	13-10"	48.3	48.3	CTS
B. Travis	9 5/8			
Address Smithburg, WV	8 5/8	1368.95	1368.95	CTS
Mineral rights are owned by Edwin Jones, et al.  Address Morgantown, WV	and the second s			
Address_Norgantown, WV	5 1/2			
Drilling Commenced 2-22-80	4 1/2	5086.06	5086.06	3355 x RFC
Drilling Completed 2-28-80	3			l Mariana
Initial open flow 103 cu. ft0- bbls.	ž 1½"	4856.02	4856.02	
Final production 1384 m cu. fth per day trace bbls.	Liners Used			
Well open 6 hrs. before test 1500# RP/3	1076			

Well treatment details:

Attach copy of cementing record.

Perf Alexander 4880-4975, 14 holes; frac Alexander 50,000# 20/40 sd with 760 bbl treated water. Perf Bradford 4156-60, 12 holes; frac Bradford 10,000# 80/100 + 20/40 with 620 bbl treated fluid

Coal was encountered at <u>none reported</u> 8' and 48' Fresh water\_ Feet . Salt Water none reported Feet Alexander and Bradford Producing Sand\_ as above

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Shale	White	Soft	2050	2160	us (submaniferinterstationer-weist values) and an activation and device in a constitution of the control of the	and the second second second control of the second
Berea	White	Hard	- 2160	2170	C-02	
Shale	White	Soft	2170	2270	Wednesday of the State of the S	
Gordon	Gray	Soft	2270	2290	The state of the s	
Shale	Gray	Soft	2290	2600	or numerical states of the sta	
5th Sand	Gray	Hard	2600	2620		
Shale	Gray	Soft	2620	2639	Security Sec	
Sand	Gray	Hard	2639	2666	A CANADA	
Shale	Gray	Soft	2666	2936	No. of Chapter 1989	
Sand	Gray	Soft	2936	3180		
Shale	Gray	Soft	3180	4110	Gas-3289	CO /10 10
Sand	Gray	Soft	4110	4120	WC 0 *** J. L. Q. 2*	68/10 on 1" water
Shale	Gray	Soft	4120	4610	Gas-4002	78/10 on 1" w/wate
Shale	Brown	Soft	4610	4650	22.2 m 2002	\0\In ou I. M\Mate
Sand	Gray	Hard	4650	accompany.	Gas-5019	6/10 on 2" w/water
70 5	010	or or all his	Cloo TI	5, 5, 29, 5	THE THE THE THE SET SET SET SET SET	olto ou f windren

<sup>\*</sup> Indicates Electric Log tops in the remarks section.

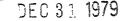
Formation	Color	Hard or Soft	Top Feet 5	Bottom Feet	Oil, Gas or Water	* Remarks
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				National Confession of the Con	* Electric Log	Tops:
					Little Lime	1510-1530
					Blue Monday	1538-1580
					Big Lime Injun	1580-1620 1620-1726
				grands.	Weir	1872-1960
					Berea	2078-2098
					Gordon	2294-2321
i de la companya di seriesa di se Seriesa di seriesa di s		in a character state of the control			Fifth Warren	2594-2600 2946-2986
					Lower Balltown	3694-3701
				Constitution of the Consti	Bradford	4156-4165
					Alexander	4877-4976
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APPROVED\_

Ву\_

V.P. (Title)





#### DEPARTMENT OF MINES

#### OIL & GAS DIVISION DEPT. of MINES

#### Oil and Gas Division

#### OIL AND GAS WELL PERMIT APPLICATION

Charleston, W. Va.	DATE 12-28-79	
Surface Owner Arden Rollins	Company MERT De	evelopment, Inc.
Address Smithburg WV		t, West Virginia
Mineral Owner Edwin C. Jones et.al.		5 Acres 75
Address Morgantown, West Virginia		uckeye Creek
Coal Owner Edwin C. Jones et.al.	Well No	Elevation &
Address As above	West Uni	On County
O 1 O NONE	Quadrangle Smith	burg 7㎏ Min
Address BE POSTED AT THE WELL SITE		
T MUST BE POSTED AT		
·		
Va. Code, the location is hereby approved		
rilling 0.2.00	INSPECTOR TO BE NOTIFIED	
have not commenced by 922-80	10 BE ROTTIED	
	ADDRESS	
Director - On a Gas Division	PHONE	
The undersigned well operator is entitled to dri title thereto, (or as the case may be) under grant Tones et. al. made to Royal Resource	or lease dated November 30	$\frac{72}{19}$ by $\frac{Edwin C}{1}$
title thereto, (or as the case may be) under grant  Jones et. al. made to Royal Resource  193 in Doddridge County, Book	or lease dated November 30 es Corp and recorded of 60 Page	19.72 by $Edwin C$ n the $6$ day of $D$
title thereto, (or as the case may be) under grant    Ones et. al. made to Royal Resource   193	or lease dated November 30 es Corp and recorded of 60 Page  EPER REDRILL	19.72 by $\frac{Edwin C}{day \text{ of } D}$ The fracture or stime.
title thereto, (or as the case may be) under grant  Jones et. al. made to Royal Resource  193 in Doddridge County, Book	or lease dated November 30 es Corp and recorded of 60 Page  EPER REDRILL	19.72 by $\frac{Edwin C}{day \text{ of } D}$ The fracture or stime.
title thereto, (or as the case may be) under grant  Nones et. al. made to Royal Resource  1973 in Doddridge County, Book  X NEW WELL DRILL DEI  OIL AND GAS WELL ORIGINALLY  The enclosed plat was prepared by a registered have been notified as of the above date.	or lease dated November 30  es Corp and recorded of 60  Page Page  EPER REDRILL  7 DRILLED BEFORE JUNE 5, 19	19.72 by Edwin C  n the 6 day of E  FRACTURE OR STIM  969.
title thereto, (or as the case may be) under grant    Ones et al made to Royal Resource   193	or lease dated November 30  Ses Corp and recorded of 60  Page FPER REDRILL  CORRELED BEFORE JUNE 5, 19  engineer or licensed land surveyonare hereby notified that any object	19_72 by Edwin C  19_72 by Edwin C  day of D  FRACTURE OR STIM  969.  r and all coal owners and/or c  ion they wish to make, or are
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The enclosed plat was prepared by a registered have been notified as of the above date.  The above named coal owners and/or operator at to make by Section 3 of the Code, must be received or coal owners at their above shown respective at same day with the mailing or delivery of this copy	or lease dated November 30  Solve S COPP and recorded of 60  Page 60  EPER REDRILL  ORILLED BEFORE JUNE 5, 19  engineer or licensed land surveyone are hereby notified that any objected by, or filed with the Department of Mines at Comparison of Mines at	19_72 by Edwin C  19_72 by Edwin C  day of D  FRACTURE OR STIM  969.  r and all coal owners and/or c  ion they wish to make, or are at of Mines within ten (10) day  vered to the above named coal c  before, or
The enclosed plat was prepared by a registered have been notified as of the above date.  The above named coal owners and/or operator to make by Section 3 of the Code, must be received or coal owners at their above shown respective at same day with the mailing or delivery of this copy  PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:	or lease dated November 30  es Corp  and recorded of 60  Page  EPER REDRILL  TORILLED BEFORE JUNE 5, 19  engineer or licensed land surveyone are hereby notified that any objected by, or filed with the Department of Mines at Cluber of the Department of Mines at Cluber of Normal	19 72 by Edwin C day of D day
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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

d the rectamation requirements as set forth in 12-b and will carry out the specified requirements."

47-017-2569

PERMIT NUMBER

and the well operator authorized to proceed.

"I have read and inderstand Chapter 22. Article 4, Section 12

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

PROPOSED WORK ORDER TO	XDRILL	DEEPEN	FRACTURE-STIMULATE
DRILLING CONTRACTOR: (If		RESPONSIBLE AGEN	
NAME Ray Resources		NAME R.J. Yedl	osky
ADDRESSCharleston,WV		ADDRESS Fairmon	t, WV
TELEPHONE 344-8393		TELEPHONE 366-9	111
ESTIMATED DEPTH OF COMPL		ROTARY X	CABLE TOOLS
PROPOSED GEOLOGICAL FORM	MATION: <u>aAlexander</u>		
		COMB. X STORAG	GE DISPOSAL
			LOODOTHER
TENTATIVE CASING PROGRAM	1:		
CASING AND TUDING			
CASING AND TUBING SIZE	USED, FOR DRILLING	LEFT IN WELL	OR SACKS - CUBIC FT.
20 - 16			
13 - 10	30	30	CTS
9 - 5/8			CTS
8 - 5/8	1200	1200	CTS
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APPROXIMATE FRESH WATER	DEPTHS 30 FEET	SAIT WATER	1150 FEET
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TO DRILL:			
OF PLAT.	OF OG - 1, \$100.00 PERM	MIT FEE, PERFORMANCE	BOND AND PERMANENT COPY
	•		
TO DRILL DEEPER OR REDRIL			
SUBMIT FIVE (5) COPIES (	OF OG - 1, SHOWING ORIG	GINAL PERMIT NUMBER A	AND PERFORMANCE BOND. ON
MUST ALSO BE SUBMITTE	O 1929, A PERMANENT ( D.	COPY OF THE PLAT AND	THE ORIGINAL WELL RECORD
TO FRACTURE - STIMULATE:			
BOND, PERMANENT PLAT	AND ORIGINAL WELL RE	ECORD.	) COPIES OG - 1, PERFORMANCE
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			. Inspector to be notified twenty-
four (24) hours in advance.	minimum (50) days or	completion for gond release	inspector to be notified twenty-
		AND ADDRESS OF THE PARTY OF THE	
The following waiver must be thereof.	e completed by the coal or	perator if the permit is to be	sissued within ten days of receipt
ALC: COL.			
WAIVER: I the undersigned, Ager	nt for	Coal Company, Own	er or Operator of the coal under
		naps this proposed well loca	
We the	Coal Company	have no objections to said	well being drilled at this location,
providing operator has co	omplied with all rules and re	gulations in Articles 4, 5, and	7, Chapter 22 of the West Virginia
Code.			<b>4</b>
		•	A
		mit i mar i sakotikin adalah kikin nadirkapi kikinganoodidak yaki a adalah i i agaasa.	For Coal Company
		190	
			Official Title