ELEVATION USGS BM St SMITHBURG - ELEV. 797 (+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

ACCURACY / PART IN 200

FILE NO .\_

FORM IV-6

(8.78)

DRAWING NO ..

MINIMUM DEGREE OF

PROVEN SOURCE OF

Uard.

1.585

JOHN

CONLEHON

N54W 36.

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES  OIL AND GAS DIVISION
WELL TYPE: OILGAS_X LIQUID INJECTION WASTE DISPOSAL
(IF "GAS,") PRODUCTION_X_STORAGEDEEPSHALLOW_X_
LOCATION ELEVATION 1/20 WATER SHED JOCKEYCAMP RUN
DISTRICT <u>WEST UNION</u> COUNTY <u>DODDRIDGE</u>
QUADRANGLE SMITHBURG 7.5 CENTERPOINT 15'5W
SURFACE OWNER SUSAN ROZEK ACREAGE ///2
OIL & GAS ROYALTY OWNER PANSY HEFLIN LEASE ACREAGE 1/2
LEASE NO.
PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR  STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW
FORMATIONOTHER PHYSICAL CHANGE IN WELL (SPECIFY)
PLUG AND ABANDON CLEAN OUT AND REPLUG
TARGET FORMATION ELK ESTIMATED DEPTH 5400 =
WELL OPERATOR MERT DEVELOPMENT, INC. DESIGNATED AGENT MERT DEVELOPMENT, INC.
ADDRESS ROUTE 8 BOX 336 AA ADDRESS ROUTE 8 BOX 336 AA
EURISONT W. VO

H. T. HALL

SMITHTON I-LINT SEDALLA 99

MAY 29 1980

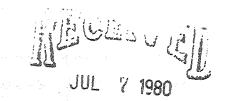
LATITUDE -1 -2 -3 ADJOINING PROPERTY OWNERS SHOWN OWNERSHIP No coal mined in this area Surface dwner : - Susan Rozek Smithburg, W.Va. Minaral owner: - Pansy Heflin, et al Smithburg, W.Va Established British of Charles Commission 12 200 Source of Elevation III.C.s. E.M. et Smithburg = 797 I, the undersigned, hereby certify that this map is correct to the best of my know-ledge 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 E Drill Deeper..... Signed:\_ Mep No. Squares: Abandonment... State of West Virginia Company MERT DEVELOPMENT LING DEPARTMENT OF MINES Address Raula & Box 336 AA Fairmant W. Yo. OIL AND GAS DIVISION CHARLESTON Farm Pansu Heflin - Luther Digoth \_Acres \_112\_\_\_ Lease No WELL LOCATION MAP Well (Farm) No. Mart Mal Serial No. FILE NO.47-017-2570 Elevation (Spirit Level) 1256 Quadrangle Smithburg 7/2 CENTERBOUNT 15 SW + Denotes location of well on United States Topographic Maps, scale 1 to 1500, latitude and longitude lines being represented by County Dedderdge \_\_\_District\_Waa/ Engineer\_\_\_\_ MASSEL Engineer's Registration No. 1227 border lines as shown. \_\_\_Drawing No.\_ - Denotes one inch spaces on border line of original tracing. Date Dec 28 1979 TRASCO 100 12-78 MC88680

Plot\_\_ Log\_\_ Card\_\_ CSD\_\_\_



### STATE OF WEST VIRGINIA DEPARTMENT OF MINES

## Oil and Gas Division



## OIL & GAS DIVISION DEPT. OF MINES

, Cm	thhava "	711	WELL	RECORD 4		Rotary	Gas X
Quadrangle <u>Smi</u>	012	/ 2				Recycling_	
Permit No 47.	<u>-2570</u>	)					d Storage
						Disposal	(Kind)
Company	TERT Deve	lopment, Inc				<del>                                     </del>	1
Address Ht. 8	3 Box 336	5-AA hairmont	, WV	Casing and	Used in	Left	Cement fill up
Farm Susan	Rozek	/ Camp Run	cres 122	Tubing	Drilling	in Well	Cu. ft. (Sks.)
Location (water	rs) <u>Jockey</u>	y Camp Run		Size			
Well No	L	I	lev1120	20-16	Breath Park		or o
		County Doc		Cond.			
The surface of	tract is ow	med in fee by $SU$	san Kozek	13-10"	32	32	CTS
Address Smit	thbura. V	W	- Anther territorial Section devices and a second of propagated as	9 5/8 8 5/8	1474	1474	400 5x
		byPansy Hefli	17	7	1	14/4	700 7
		ithburg, WV		5 1/2			dia national district and the second district and the
Drilling Comme	g A			4 1/2	5380	5 <b>380</b>	175 5x RFC
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Fresh water		3. 73		Salt 1			
Producing Sand	Alex	ander		Depti		***	_ Feet
Formation	Color	Hard or Soft		1			
ittle Lime	Black		Top Feet	Bottom Feet	Oil, Gas or	Water	* Remarks
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ime	Gray Brown	Soft Hard	- 1839 1854 - 1866	1854 1866 1900	Oil, Gas or	Water	* Remarks
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ata	Brown Gray	Soft Hard Hard Hard	1839 1854 - 1866 1900 1910	1854 1866 1900 1910 1940	Oil, Gas or	Water	Remarks
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<sup>(</sup>over)

Formation	Color	Hard or Soft	Top Feet 4	Bottom Feet	Oil, Gas or Water * Remarks
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Sand	Gray	Med.	3410 404 <b>0</b>	4040	
Shale	Gray	Soft	4060	4060 5260	
Sand ALE			5260	5350	
Shale	Gray	Soft	5350	5430 TI	
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				. · · ·	Blue Monday 1863-1908
			SOCIETA SECURITION AND SECURITION AN		Big Lime 1908-1953
					Injun 1953-2064
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		and the second s			Berea 2428-2435
		A continue of the continue of		- Andrews	Gordon 2607-2654
		A Marian Company of the Company of t		And the part of th	Ceder Creek 5150-5170
					Alezander 5260-5340
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Date

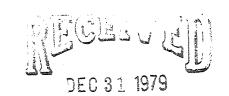
APPROVED\_

Ву.

\_. Owner

(Title)





#### DEPARTMENT OF MINES

## Oil and Gas Division

OIL & GAS DIVISION DEPT. OF MINES

## OIL AND GAS WELL PERMIT APPLICATION

	Charleston, W. Va.		DATE December 28, 1979				
	Surface Owner Susan Rozek		MERT Development Inc				
	Address Smithburg, WC		Company Fairmont, WV				
	Mineral Owner Pansy Heflin et al			y Heflin		Acres 122	
			* *** **		P		
	Address Smithburg, WV		•	-			056
	Coal Owner Pansy Heflin et al  Smithburg, WV		Well No. 1				
	None		District West  Quadrangle Sm	ithhura 7	7≱ min	_County	ariay
	Coal Operator		Quadrangle		2 11.222		
٠,	Address						
P.	ERMIT MUST BE POSTED AT THE WELL SITE						
יסוכ	visions being in accordance with Chapter 22,						
18	W. Va. Code, the location is hereby approved	TNS	PECTOR				
	drilling . This permit shall expire if		BE NOTIFIED				
	commenced by 9-2-80	`			· · · · · · · · · · · · · · · · · · ·		
11100		ADDI	RESS				
	Nobot & les	PHO	vir.				
epi	uty Director - Oil & Gas Division	1 1101	W15				
	GENTLEMEN:						
anda German	The undersigned well operator is entitled to	drill upon the ab	ove named farn	or tract of l	and for o	il and gas, h	aving f
	title thereto, (or as the case may be) under gr						
	<u>Heflin et al</u> made to <u>Royal Resou</u>	ırces	and record	ed on the 6		day opec	
	1972, in Doddridge County, Boo					40 9 04	
		ok 50	Page 56				
			_	Thirt speed with the state of t			
	X NEW WELLDRILL	DEEPER	REDRILL	F	RACTUR	E OR STIM	ULATE
		DEEPER	REDRILL	F 5, 19 <b>69</b> .	RACTUR	e or stim	ULATE
	X NEW WELLDRILL	DEEPER	REDRILL EFORE JUNE	5, 1969.			
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	A NEW WELL	DEEPER LLY DRILLED B.  ered engineer or li  for are hereby noticely by or filed  were mailed by reg  address opy to the Depart  Ver  (Signal Address of Well Operator  found by the Depart  oposed location, the	REDRILL EFORE JUNE  Icensed land sur  If it is i	bjection they transfer to the delivered to the day at Charleston,  Well Ope Box 336-2  Street  City or To  Virginia  State	wish to n es within he above i  West Virg	ners and/or of nake, or are ten (10) day named coal of before, or ginia.	perator require s. * perator on the
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# THIS IS AN ESTIMATE ONLY ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO	X DRILL	DEEPEN	FRACTURE-STIMULATE				
DRILLING CONTRACTOR: (If		RESPONSIBLE AGEN	RESPONSIBLE AGENTS				
NAME Ray Resources	manufacture and the contract of the contract o	R.J. Yedlosky					
ADDRESS <u>Charleston</u> , WV		ADDRESS Rt 8 Bo	ADDRESS Rt 8 Box 336-AA, Fairmont, WV				
TELEPHONE344 8393			9111				
ESTIMATED DEPTH OF COMPI	LETED WELL: 5412	ROTARY X	CABLE TOOLS				
PROPOSED GEOLOGICAL FOR	MATION: 3rd Elk						
TYPE OF WELL: OIL_	GAS	COMB. X STORAG	E DISPOSAL				
			OOD OTHER				
•			· · · · · · · · · · · · · · · · · · ·				
TENTATIVE CASING PROGRAM	M: 3						
CASING AND TUBING	USED FOR	LEFT IN	CHMENT HILL UP				
SIZI:	DRILLING	WELL	OR SACKS - CUBIC LT.				
20 - 16	30	months of the contract of the					
13 - 10 9 - 5/8	. 50	30					
8 - 5/8	1400 *	1400'	CTS				
7	1400		C13				
5 1/2		The second secon					
4 1/2	5400'	5400*					
3			Pert. Top				
<b>.</b>			Perf. Bottom				
Liners			Perf. Top				
			Perf. Bottom				
OF PLAT.  TO DRILL DEEPER OR REDRIL  SUBMIT FIVE (5) COPIES OF WELLS DRILLED PRIOR TO MUST ALSO BE SUBMITTE  TO FRACTURE - STIMULATE:  OIL AND/OR GAS WELL OF BOND, PERMANENT PLAT  OIL AND/OR GAS WELL OF ING ORIGINAL PERMIT NU	L:  OF OG - 1, SHOWING ORIGINAL PERMANENT  CD.  RIGINALLY DRILLED BEFF AND ORIGINAL WELL RI RIGINALLY DRILLED ON A  MBER, AND PERFORMANC  I within ninety (90) days of	GINAL PERMIT NUMBER A) COPY OF THE PLAT AND ORE JUNE 5, 1929, FIVE (5) ECORD. AND/OR AFTER JUNE 5, 192 E BOND. completion for bond release.	NO PERFORMANCE BOND. ON THE ORIGINAL WELL RECORD  COPIES OG - 1, PERFORMANCE  29, FIVE COPIES OG - 1, SHOW-  Inspector to be notified twenty-				
The following waiver must be the following waiver waiver with the following waiver must be the following waiver with the following waiver waiver waiver with the following waiver	# ne completed by the coal of	perator if the permit is to be	issued within ten days of receipt				
WAIVER: I the undersigned, Agen this lease have examine	ed and place on our mine r	Coal Company, Owner maps this proposed well locate	r or Operator of the coal under- tion.				
We the providing operator has c Code.	Coal Company omplied with all rules and re	have no objections to said we gulations in Articles 4, 5, and	rell being drilled at this location, 7, Chapter 22 of the West Virginia				
coue.		• •	•				
		1-14-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	Co. I Co.				

Official Title