

6-6 Hendershot-Ogdin (72)

"AMENDMENT"

IV-35 (Fev 8-81) APR 23 1982 State of Mest Mirginia

Repartment of Mines

City of Raymond Properties on Cas Mines

Date April 16, 1982

Operator's
Well No. Wilkinson #1

Farm Allen Wilkinson

API No. 47 - 107 - 1110

WELL OPERATOR'S REPORT OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE WELL TYPE: Oil / Gas X / Liquid Injection / Waste Disposal (If "Gas," Production X / Underground Storage / Deep / Shallow X /) LOCATION: Elevation: 840 GL Watershed Bull Run District: Union County Wood Quadrangle Valley Mills BEREA OIL AND GAS CORPORATION ADDRESS One Berea Plaza, PO Box 299, Bridgeport, Cement Casing Used in Left fill up DESIGNATED AGENT Thomas E. Riley, P.E. Tubing Drilling in Well Cu. ft. ALUFESS One Berea Plaza, PO Box 299, Bridgeport, W Size SURFACE OWNER Allen Wilkinson 20-16 Cond. ADDRESS 2120 Florida, Parkersburg, WV 13-10" METERAL RIGHTS OWNER same. 9 5/8 same. ADDRESS 100 sks 271' 271' 8 5/8 OTL AND GAS INSPECTOR FOR THIS WORK Deo Mace ADDRESS Rt. 1, Box 65, Sandridge W 5 1/2 PEPMIT ISSUED Dec. 1, 1980 4 1/2 2732.9 2731.9 225 sks DPILLING COMMENCED 12/16/80 DRILLING COMPLETED 12/20/80 IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR Liners REMORKING. VERBAL PERMISSION OBTAINED used CEDENTICAL TARGET FORMATION Gordon Depth 2600 feet Depth of completed well 2747 feet Rotary X / Cable Tools Witer strata depth: Fresh 40 feet; Salt feet Mal seem depths: None Is coal being mined in the area? No CHEN FIRM DATA 2606-2620 , Pay zone depth 2220-2235 feet Gas: Initial open flow 05 Mcf/d Oil: Initial open flow_____ Bb1/C Final open flow____33 Final open flow Mcf/d Bb1/d Time of open flow between initial and final tests 4 hours Static rock pressure 625 psig(surface measurement) after 72 hours shut in (If applicable due to multiple completion--) Second producing formation N/A Pay zone depth feet

MAY 3 1982

Mcf/d Oil: Final open flow

Gas: Initial open flow Mcf/d Oil: Initial open flow

Time of open flow between initial and final tests

Static rock pressure ____psig(surface measurement) after hours shut in

Final open flow

(Continue on reverse side)

Bbl/d

Bbl/d

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

1/6/81 Berea 2220-2235' Perfs: 15. 190,000 SCF N2, 600 BBLS Water. 150 sks 80/100 & 250 sks 20/40 sand.

1/6/81 Gordon 2606-2620' Perfs: 18. 150,000 SCF N2, 786 BBLS Water. 150 sks 80/100 & 450 sks 20/40 sand.

WELL LOG

TORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	
		ļ	and salt water, coal, oil and ga
Fill & Shale		1.5	
	0	15	
Shale	15	25	
Sand	25	80	
Shale & Red Rock	80	150	
Red Rock	150	180	
Sand & Shale	180	250	
Red Rock & Sand	250	270	
Sand & Shale	270	300	•
Sand	300	346	
Sand & Shale	346	548	
Sand	548	576	
Shale	576	606	
Sand	606	652	
Shale	652	755	
Sand	755	808	
Sand & Shale	808	878	
Sand	878	900	
Sand & Shale	900	1080	
Shale	1080	1185	
Sand	1185	1200	·
Sand & Shale	1200	1616	
Sand	1616	1640	
Shale	1640	1676	
Big Injun	1676	1842	
Sand & Shale	1842	2222	
Berea	2222	2237	
Shale	2237	2591	
Gordon	2591	2622	
Shale	2622	2747	T.D. 2747'
Dilate	2022	2/4/	1.0. 2/4/
			~~~ ~~
	1		
			4

(Attach separate sheets as necessary)

BEREA OIL AND GAS CORPORATION

Thomas E. Riley, P.E.

Date: April 19, 1982

Regulation 2.02(i) provides as follows:

"The term 'log' or 'well log' shall mean a systematic detailed geological record of a formations, including of a well."

Farm_

Well No ._

District Union



### STATE OF WEST VIRGINIA DEPARTMENT OF MINES

# Oil and Gas Division WELL RECORD

Casing and

**Tubing** 

Size

20-16

Cond. <u>13-10</u>"

9 5/8

8 5/8

Elev. 840

Quadrangle Valley Mills Permit No. 47 107 1110

Location (waters) Bull Run

CompanyBerea Oil and Gas Corp.

The surface of tract is owned in fee by

Address 652 Empire Bank, Clarksburg, W Va Farm Wilkinson Acres 93

Address 2120 Florida, Parkersburg, W. Va.

Mineral rights are owned by Allen Wilkinson

_ County_

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دائا	JAN 26	1981	

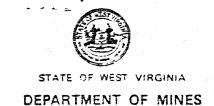
•	n	Oil & DEPT Rotary X Cable Recycling Water Floor	GAS DIVISION  Oil  Gas  Comb.  Storage  (Kind)
	Used in	Left	Cement fill up
-	Drilling	in Well	Cu. ft. (Sks.)
			•
		****	
	271**	271'	100 sx.
	2732.90	2731.90	225 sx.
2	ementing recording 600 bbls	rd. . water.	
_	786 bbls.	water	
	33 N	10 F	
_	Inches	<del></del>	
1	ater		Feet

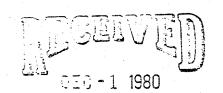
Drilling Completed   12/20/80   3   3   3   5   5   5   5   5   5   5			<u>*</u>	1	1	
Drilling Completed   12/20/80   3   3	AddressAddress		5 1/2			
Initial open flow   3	Drilling Commenced 12/16/80	·	4 1/2	2732.90	2731.90	225 sx.
Mell open	Drilling Completed 12/20/80		3			
Mell open	Initial open flow $\frac{50}{33}$ cu. ft. $\frac{1}{2}$	bbls.	2			
Mell open	Final production 33 cu. ft. per day _	625bbls.	Liners Used			
1/6/81 Berea 2220'-2235 Perfs. 15 shots 190,000 SCF M2 600 bbls. water.  150 sx. 80/100 sand 250 sx. 20/40 sand  1/6/81 Gordon 2606-2620' perfs 18 shots 150,000 SCF M2 786 bbls. water.  150 sx. 80/100 sand 450 sx. 20/40 sand  3 3 M C F  lock water.  150 sx. 80/100 sand 450 sx. 20/40 sand  3 3 M C F  lock water.  150 sx. 80/100 sand 450 sx. 20/40 sand  3 3 M C F  lock water.  150 sx. 80/100 sand 450 sx. 20/40 sand  3 3 M C F  lock water.  150 sx. 80/100 sand 450 sx. 20/40 sand  3 3 M C F  lock water.  150 sx. 80/100 sand 450 sx. 20/40 sand  3 3 M C F  lock water.  150 sx. 80/100 sand 450 sx. 20/40 sand  3 3 M C F  lock water.  150 sx. 80/100 sand 450 sx. 20/40 sand  3 3 M C F  lock water.  150 sx. 80/100 sand 450 sx. 20/40 sand  3 3 M C F  lock water.  150 sx. 80/100 sand 450 sx. 20/40 sand  3 3 M C F  lock water.  150 sx. 80/100 sand 450 sx. 20/40 sand  3 3 M C F  lock water.  150 sx. 80/100 sand 450 sx. 20/40 sand  3 3 M C F  lock water.  150 sx. 80/100 sand 450 sx. 20/40 sand  3 3 M C F  lock water.  150 sx. 80/100 sand 450 sx. 20/40 sand  3 3 M C F  lock water.  150 sx. 80/100 sand 450 sx. 20/40 sand  3 3 M C F  lock water.  150 sx. 80/100 sand 450 sx. 20/40 sand  3 3 M C F  lock water.  150 sx. 80/100 sand 450 sx. 20/40 sand  3 3 M C F  lock water.  150 sx. 80/100 sand 450 sx. 20/40 sand  3 3 M C F  lock water.  150 sx. 80/100 sand 450 sx. 20/40 sand  3 3 M C F  lock water.  150 sx. 80/100 sand 450 sx. 20/40 sand  3 3 M C F  lock water.  167 sand water.  16	Well openhrs. before test_	RP.				
150 sx. 80/100 sand 250 sx. 20/40 sand   1/6/81 Gordon 2606-2620' perfs 18 shots 150,000 SCF M2 786 bbls. water   150 sx. 80/100 sand 450 sx. 20/40 sand   3.5 M C F   100 sand 450 sx. 20/40 sand   3.5 M C F   100 sand 450 sx. 20/40 sand   3.5 M C F   100 sand 450 sx. 20/40 sand   3.5 M C F   100 sand 450 sx. 20/40 sand   3.5 M C F   100 sand 450 sx. 20/40 sand   3.5 M C F   100 sand 450 sx. 20/40 sand   3.5 M C F   100 sand 450 sx. 20/40 sand   3.5 M C F   100 sand 450 sx. 20/40 sand   3.5 M C F   100 sand 450 sx. 20/40 sand   3.5 M C F   100 sand 450 sx. 20/40 sand   3.5 M C F   100 sand 450 sx. 20/40 sand   3.5 M C F   100 sand 450 sx. 20/40 sand   3.5 M C F   100 sand 450 sx. 20/40 sand   3.5 M C F   100 sand 450 sx. 20/40 sand   3.5 M C F   100 sand 450 sx. 20/40 sand   3.5 M C F   100 sand 450 sx. 20/40 sand   3.5 M C F   100 sand 450 sx. 20/40 sand   3.5 M C F   100 sand 450 sx. 20/40 sand   3.5 M C F   100 sand 450 sx. 20/40 sand   3.5 M C F   100 sx. 20/40 sand   3.5 M C F   100 sx. 20/40 sand   3.5 M C F   100 sx. 20/40 sx. 20/40 sand   3.5 M C F   100 sx. 20/40 sx. 20			Attach copy of	cementing reco	rd.	
1/6/81 Gordon 2606-2620' perfs 18 shots 150,000 SCF M2 786 bbls. water   150 Sx. 80/100 sand 450 sx. 20/40 sand   33 MCF	1/6/81 Berea 2220'-2235 Perf	s. 15 shots 1	.90,000 SCF M	2 600 bbls	. water.	•
150 sx. 80/100 sand 450 sx. 20/40 sand   33 M C F   10 m c	150 SX. 80/100 Sand 250 SX.	20/40 sand				
Solution	1/6/81 Gordon 2606-2620' perf	s 18 shots 15	0,000 SCF M2	786 bbls.	water	
Salt was encountered   Salt waster   Salt	150 sx. 80/100 sand 450 sx.	20/40 sand			· · · · · · · · · · · · · · · · · · ·	
Salt was encountered   Salt waster   Salt				331	10F	
Salt   Water   Salt   Water   Salt   Water   Salt   Water   Salt   Water   Salt   Sa	coal was encountered None	Feet_		8 9		•
Formation Color Hard or Soft Top Feet Bottom Feet Oil, Gas or Water * Remarks  Sand and Shale Injun 1676' 1842'  Shale 1842' 2222'  Berea 2222' 2237'  Shale 2237' 2591'  Gordon 2591' 2622'  Shale 2622 2747 T.D.	restr water	et	Salt V	Water		Feet
Formation   Color   Hard or Soft   Top Feet   Bottom Feet   Oil, Gas or Water   * Remarks    Sand and Shale   Surface   1676'    Injun   1676'   1842'    Shale   2222'   2237'    Shale   2237'   2591'    Gordon   2591'   2622'    Shale   2622   2747   T.D.	roducing Daniu	on	Depti	2220' to 2	620'	- 1000
Sand and Shale  Surface  Surface  1676'  1842'  Shale  Berea  2222'  2237'  Shale  2237'  2591'  Gordon  2591'  2622'  Shale  2622  T.D.	2557 26	<u>06-70</u>	r ·			
Injun 1676' 1842' Shale 1842' 2222' Berea 2222' 2237' Shale 2237' 2591' Gordon 2591' 2622' Shale 2622 2747 T.D.	Formation Color Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or	Water *	Remarks
Injun 1676' 1842' Shale 1842' 2222' Berea 2222' 2237' Shale 2237' 2591' Gordon 2591' 2622' Shale 2622 2747 T.D.	Sand and Shale	Surface	1676 *			<b>'%</b> ,
Berea 2222' 2237' Shale 2237' 2591' Gordon 2591' 2622' Shale 2622 2747 T.D.	Injun	1676'	1842'			∳m [*]
Shale 2237' 2591' 2622' Shale 2622 2747 T.D.	Shale	1842'	2222 ^{ş.}			
Gordon / 2591' 2622' Shale 2622 2747 T.D.  MAR 9 1981	Berea	22221	2237'			s
Shale 2622 2747 T.D. MAR 9 1981	Shale	2237'	2591'			
MAR 9 1981	Gordon √	2591'	2622'		•	
(over)	Shale	2622	2747	T.D.		
(over)						e e e e e e e e e e e e e e e e e e e
(over)						
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(over)			-			
(over)					2.25 - C	
(over)			. *		MAR 9	1981
Indicates Planting V						
Indicates Plantin V. (over)						
	Indiana Diana Y	(ove	r)			

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
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# Oil and Gas Division

CIL & GAS DIVISION
DEPT. OF MINES

## OIL AND GAS WELL PERMIT APPLICATION

Surface Owner Allen G. Wilkinson Addrál 20 Florida St., Parkersbrug, W. Va.  Mineral Owner Same Farm Wilkinson Acres 93 Address Coal Owner Same Farm Wilkinson Acres 93 Address Coal Operator. Address Dirric Union County Wilkinson Acres 93 Address Dirric Union County Wilkinson Acres 93 Address Dirric Union County Wilkinson Acres 93 Address Dirric Union County Wilkinson County Wilkinson Address Dirric Union County Wilkinson Address Address Dirric Union County Wilkinson Address Addre	TO THE DEPARTMENT OF MINES,			
Address   Location (waters)   Rull Rim    Address   Divide   Union   County    Address   Divide   Union   County    Coal Operator   Address   Divide   Union   County    Address   Divide   Union   County    Coal Operator   Rull Rim    Address   Divide   Willow Island, Marietta    Address   Address   Rull Rim    Address   Address   Rull Rim    Coal Operator   Rull Rim    Address   Address   Rull Rim    A	Charleston, W. Va.	DATE	November 11,	1980
Mineral Owner Same Farm Wilkinson Acres 93 Address Location (waters). Bull Rim Coal Owner Same Well No. 41 Elevation. County Well No. 42 Elevation. Coal Operator. Quadrangle. Willow Island, Marietra. Address. District Union County. Well No. 42 Elevation. Coal Operator. Quadrangle. Willow Island, Marietra. Address. Address. Address. Mineral Notes in Serial States if To Br. NOTIFIED To Brown and island to strain states in To Br. NOTIFIED To Br. NOTIFIED ADDRESS Somethytille, W. Va. 1999 Strain States if To Br. NOTIFIED ADDRESS Somethytille, W. Va. 1999 Strain States if To Br. NOTIFIED ADDRESS Somethytille, W. Va. 1999 Strain States if To Br. NOTIFIED ADDRESS Somethytille, W. Va. 1999 Strain States if To Br. NOTIFIED ADDRESS Somethytille, W. Va. 1999 Strain States if To Br. NOTIFIED ADDRESS Somethytille, W. Va. 1999 Strain States if To Br. NOTIFIED ADDRESS Somethytille, W. Va. 1999 Strain States if To Br. NOTIFIED ADDRESS Somethytille, W. Va. 1999 Strain States if To Br. NOTIFIED ADDRESS Somethytille, W. Va. 1999 Strain States if To Br. NOTIFIED ADDRESS Somethytille, W. Va. 1999 Strain States if To Br. NOTIFIED ADDRESS Somethytille, W. Va. 1999 Strain States if To Br. NOTIFIED ADDRESS Somethytille, W. Va. 1999 Strain States if To Br. NOTIFIED ADDRESS Somethytille, W. Va. 1999 Strain States if To Br. NOTIFIED ADDRESS Somethytille, W. Va. 1999 Strain States if To Br. NOTIFIED ADDRESS Somethytille, W. Va. 1999 Strain States if To Br. NOTIFIED ADDRESS Somethytille, W. Va. 1999 Strain States if To Br. NOTIFIED ADDRESS Somethytille, W. Va. 1999 Strain States if To Br. NOTIFIED ADDRESS Somethytille, W. Va. 1999 Strain States if To Br. Notified the above named for the States Strain States in The Strain States In Strain States In Strain States In Strain States In States In Strain States In Strain States In States In States In States In Strain States In Sta	Surface Owner Allen G. Wilkinson	Company	Berea Oil and	i Gas Corp.
Mineral Owner Same Farm Wilkinson Acres 93 Address Location (waters). Bull Rim Coal Owner Same Well No. 41 Elevation. County. Well No. 41 Elevation. Coal Operator. Quadrangle. Millow Island, Marietra. Address. District Union County. Well No. 41 Coal Operator. Quadrangle. Millow Island, Marietra. Address. Millow Island, Marietra. Millow Island, Marietra. Address. Millow Island, Marietra. Address. Millow Island, Marietra. Millow Island, Marietra. Address. Millow Island, Marietra. Millow Island, Marietra. Address. Millow Island, Marietra. Millow Island, Marietra. Millow Island, Marietra. Address. Millow Island, Marietra. Millow Island, Marie	Address 2120 Florida St., Parkersbrug, W. V	a. Address	Empire Bank Blo	ig., Clarksburg, W.
Coal Owner Same Well No #1 Elevation Address District Union County & County			Wilkinson	Acres 93
Coal Owner Same Well No #1 Elevation Address District Union County & County	Address	Location	(waters) Bull Ru	m
Address  Coal Operator.  Coal Operator.  Address  F. O. 30X 879  MORGANTOWN, WEST VIRGINIA 26505  MEI Operator  Wei Operator  W. Valor 28301	Coal Owner S-		•	
Coal Operator.  Address  Zindiff Augin 1 2001 2 And 100 2 And 21.  Zindiff Augin 1 2001 2 And 100 2 And 22.  Zindiff Augin 1 2001 2 And 100 2 And 22.  Zindiff Augin 1 2001 2 And 2			,, <del>-</del>	
Address a zanishi must being in accordants with C arror 22.  ### W. Va. Cude, the location is arrow preserved drilling. This permit shall exains if TO BE NOTIFIED  **Rulens have not commenced by 8-2-81  **ADDRESS Smithville, W. Va.**  **ADDRESS Smithville, W. Va.**  **ADDRESS Smithville, W. Va.**  **ADDRESS Smithville, W. Va.**  **ATT-3660  **GENTLEMEN:**  The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, in title thereto, (or as the case may be) under grant or lease dated September 24 19 by Allen Wilkinson made to Energy Unlimited Inc. and recorded on the 11 day of Ox 19 page 146  **XXX**  **NEW WELL DRILL DEEPER REDRILL FRACTURE OR STIME 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 ohave 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 arg to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) day Copies of this notice and the unclosed plat were mailed by registered mail, or delivered to the above named coal or coal owners at their above shown respective address to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) day Copies of this notice and the unclosed plat were mailed by registered mail, or delivered to the above named coal or coal owners at their above shown respective address to make by Section 3 of the Code, must be received by, or filed with the Department of Mines at Charleston, West Virginis.  **Very truly yours**	Carl Opportue	Ouedrand		•
crowlesses being in accordance with C strong 22.  this W. V. C. Code, the location is broady operator of drilling . This cermis shall excite if	Address		•	
drilling	S PATATOMUST US PUSTED AT THE COST			
drilling	the least in accordance with Charles 22.			
The permit shall anche in the permit shall and shall anche in the permit shall anche in the permit shall anche in the permit shall and shall and shall anche in the permit shall and shall and shall anche in the permit shall and	The NV Ma Character the location is consult from			
ADDRESS Smithwille, W. Va.  ADDRESS Smithwille, W. Va.  ADDRESS Smithwille, W. Va.  ADDRESS Smithwille, W. Va.  ATT-3660  GENTLEMEN:  The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, in title thereto, (or as the case may be) under grant or lease dated September 24 19 79 by Allen Wilkinson made to Energy Unlimited Inc. and recorded on the 11 day of Control of the state of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal owners and/or operator are hereby notified that any objection they wish to make, or are to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) day  Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal or coal owners at their above shown respective address or same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginis.  PLEASE SUBMIT COPIES OF ALL (Sign Name)  WEST VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY Address of Street  P. O. BOX 879  MORGANTOWN, WEST VIRGINIA 26505  AC-304 - 292-6331	drilling This norming show expire if	INSPECTOR	Paul Goodni	ight
GENTLEMEN:  The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, he title thereto, (or as the case may be) under grant or lease dated  Wilkinson made to Energy (Inlimited Inc. and recorded on the 1 day of 2	8-2-81	TO BE NOTI	FIED	
The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, in title thereto, (or as the case may be) under grant or lease dated  Wilkinson made to Energy Unlimited Inc. and recorded on the 1 day of 0 day	realizate have not commenced by	ADDDECC	A	** **-
GENTLEMEN:  The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, he title thereto, (or as the case may be) under grant or lease dated September 24 19 79 by Allen Wilkinson made to Energy Unlimited Inc. and recorded on the day of Orall Milkinson made to Energy Unlimited Inc. and recorded on the day of Orall No.  NEW WELL DRILL DEEPER REDRILL FRACTURE OR STIMI 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 o 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 to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) day  Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal or coal owners at their above shown respective address day before, or same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginis.  PLEASE SUBMIT COPIES OF ALL  GEOPHYSICAL LOGS DIRECTLY TO:  WEST VIRGINIA GEOLOGICAL AND  ECONOMIC SURVEY Address of Clarksburg  Very truly yours,  Very truly yours,  Clarksburg  Well Operator  Well Operator  Well Operator  W. Va.* 28301	IG Hyrasy	-	•	22
GENTLEMEN:  The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, he title thereto, (or as the case may be) under grant or lease dated September 24 19 79 by Allen Wilkinson made to Energy Unlimited Inc. and recorded on the day of Ox 79	Disputy Disposit Vos A Das Division	PHONE	477-3660	
The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, he title thereto, (or as the case may be) under grant or lease dated September 24 19 79 by Allen Wilkinson made to Energy Unlimited Inc. and recorded on the 1 day of X 19 in Wood County, Book 729 Page 146 XXX NEW WELL DRILL DEEPER REDRILL FRACTURE OR STIME 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 o 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 to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) day Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal owners at their above shown respective address day before, or same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginis.  Very truly yours,  PLEASE SUBMIT COPIES OF ALL (Sign Name)  ECONOMIC SURVEY Address Street  P. O. BOX 879  MORGANTOWN, WEST VIRGINIA 26505  Morgantown, West VIRGINIA 26505  AC-304 - 292-6331	V			
Wilkinson made to Energy Unlimited Inc. and recorded on the 11 day of Ox 179 Wood County, Book 729 Page 146  XXX NEW WELL DRILL DEEPER REDRILL FRACTURE OR STIMI 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 o 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 to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) day  Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal or coal owners at their above shown respective address day before, or same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginis.  PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:  WEST VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY P. 0. BOX 879  MORGANTOWN, WEST VIRGINIA 26505  AC-304 - 292-6331	GENTLEMEN:	•		
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or coal owners at their above shown respective address				
PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:  WEST VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY P. O. BOX 879 MORGANTOWN, WEST VIRGINIA 26505 AC-304 - 292-6331  Very truly yours,  Berea OIl Wild Cass Corporation 652 Empire Bank Bldg.  Address of Well Operator  Well Operator  W. Va. 26301	or coal owners at their above shown respective address	<b>4</b>	day	before, or on t
PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:  WEST VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY P. O. BOX 879 MORGANTOWN, WEST VIRGINIA 26505 AC-304 - 292-6331  (Sign Name)  Berea OII Wild Cass Corporation 652 Empire Bank Bldg.  Address of Well Operator  Well Operator  W. Va. 26301	authorized the manning of activity in this copy to			
GEOPHYSICAL LOGS DIRECTLY TO:  WEST VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY P. O. BOX 879 MORGANTOWN, WEST VIRGINIA 26505 AC-304 - 292-6331  MORGANTOWN SURVEY  MORGANTOWN SURVEY  Well Operator  (Sign Name)  Berea OIl Well Operator  652 Empire Bank Bldg.  Street Clarksburg  Well Operator  W. Va. 26301	PIFASE SURMIT COPIES OF ALL	Very truly y	yours	1
WEST VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY P. O. BOX 879 MORGANTOWN, WEST VIRGINIA 26505 AC-304 - 292-6331  Berea OII Mild Cas Corporation 652 Empire Bank Bldg. Clarksburg Well Operator Well Operator W. Va. 26301				umacher
ECONOMIC SURVEY P. 0. BOX 879 MORGANTOWN, WEST VIRGINIA 26505 AC-304 - 292-6331  Address of Clarksburg Well Operator W. Va. 26301		I		<del>-</del>
P. 0. BOX 879  MORGANTOWN, WEST VIRGINIA 26505  AC-304 - 292-6331  Of Clarksburg  Well Operator  W. Va. 26301	WEST VIRGINIA GEOLOGICAL AND		652 Empire B	ank Bldg.
MORGANTOWN, WEST VIRGINIA 26505  AC-304 - 292-6331  Well Operator  W. Va. 26301				
AC-304 - 292-6331 W. Va. 26301	W a		Clarksburg	
AC-304 - 292-0331	MORGANIUWN, WEST VIRGINIA 20000	•	w. Va. or 283	31
	#C-304 - 232-0331			
State		•	Stata	· · · · · · · · · · · · · · · · · · ·

*SICTION 3 ... If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of action and plat by the department of mines to said proposed location, the department shall forthwith issue to the well operator a permittriciting 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 cuthorized to proceed.

107 1110

107-1110

PERMIT NUMBER

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

PROPOSED WORK ORDER	I'O XX DRILL	DEEPEN	FRACTURE-STIMULATE
DRILLING CONTRACTOR:	(If Known)	RESPONSIBLE AGENT	
NAME		NAMEMark V. S	Schumacher
ADDRESS	When it is a secretary with a secretary and the secretary secretary and the secretary region is a secretary secretary and the secretary	ADDRESS 652 Emp	ire Bank Bldg., Clarksbur
	and the second of the second o	. massact 110 / 1483 "" " " " " " " " " " " " " " " " " "	
ESTIMATED DEPTH OF COM	IPLETED WELL: 2800	ROTARY XX	CABLE TOOLS
PROPOSED GEOLOGICAL FO	ORMATION: Gordon		
TYPE OF WELL OH	L GAS C	OMB. XX STORAG	E DISPOSAL
	RECYCLE	NG WATER FL	
TENTATIVE CASING PROGR.	AM:		
CASING AND TUBING	USED FOR	LEFT IN	CEMENT THE UP
SIZE	DRILLING	. WELL	OR SACKS - CUBIC 1 1.
20 - 16 13 - 10			
9 - 5/8			
8 - 5/8	250'	250'	Company -
7		630	Surface
5.39	and a second of the second of	and the second s	
	28007.D.	T.D. 2800	400 280 SKs or se
			Port. Top regal by july
Lineis			Pert. Bottom
THEIS.			Perf. Top
			Pert. Bottom
	150	٥	1500
APPROXIMATE FRESH WATER	R DEPTHS FEET  S None	SALT WATER	E L'EST
TO DRIIA.	S OF OG 1, \$100.00 PERMIT		
TO DRILL DEEPER OR REDRI SUBMIT FIVE (5) COPIES WELLS DRILLED PRIOR MUST ALSO BE SUBMITT	OF OC 1, SHOWING ORIGIN TO 1929, A PERMANENT CO	NAL PERMIT NUMBER AN PY OF THE PLAT AND T	D PERFORMANCE BOND. ON THE ORIGINAL WELL RECORD
TO FRACTURE - STIMULATE.			
OIL AND/OR GAS WELL O	ORIGINALLY DRILLED BEFOR T AND ORIGINAL WELL RECO	E JUNE 5, 1929, FIVE (5) C	COPIES OG - 1, PERFORMANCE
OIL AND/OR GAS WELL C	DRIGINALLY DRILLED ON ANI UMPER, AND PERFORMANCE E	D/OR AFTER HINE 5 1000	e. FIVE COPIES OG - 1, SHOW-
Required focus must be tile four (24) hours in advance.	ed within ninery (90) days of co	mpletion for bond release.	Inspector to be notified twenty-
The second secon			
TEN TEMPERATURE SERVICE PROSPERATOR	The second secon	<del>कर किला कारण है। जा कारण कारण कारण कारण</del> के	
The following waiver must	be completed by the coal opera		
VAINER: I the undersigned, Age	be completed by the coal opera	tor if the permit is to be is  Coal Company, Owner	ssued within len days of receipt
VAINER: I the undersigned, Age	be completed by the coal opera ent for	tor if the permit is to be is  Coal Company, Owner s this proposed well location	or Operator of the coal under
VAINER: I the undersigned, Age this lease have examin We the	be completed by the coal opera ent for	Coal Company, Owners this proposed well located we no objections to said we	or Operator of the coal under
VAINER: I the undersigned, Age this lease have examin We the providing operator has	be completed by the coal opera ent for ned and place on our mine map Coal Company ha	Coal Company, Owners this proposed well located we no objections to said we	or Operator of the coal under
VAINER: I the undersigned, Ago this lease have examin We the providing operator has	be completed by the coal opera ent for ned and place on our mine map Coal Company ha	Coal Company, Owner s this proposed well locations to said we stions in Articles 4, 5, and 7	or Operator of the coal under

Otticial Title