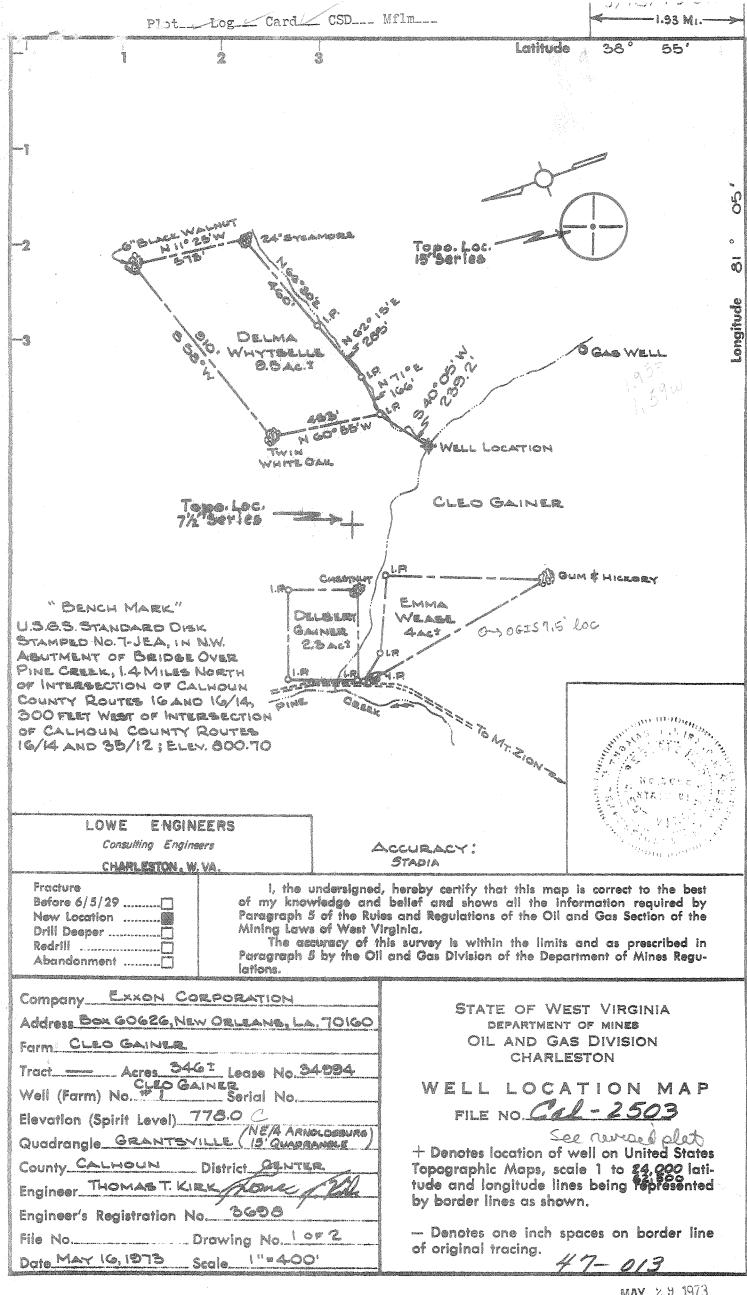


3-0 Grantsville- Arnolds burg (171) Deep Well (Basement) JUL 12 197



.. 53 M.



## ATTACHMENT TO OIL AND GAS WELL PERMIT APPLICATION

Janet W. Parkers, widow

Virginia Withers Ast, single

Dorothy W. DeLong (sep. prop.) (L. G. DeLong, her husband)

Mary W. Hooker Poling, widow

Rosamond H. Greathouse, single

Elizabeth Hooker Lee (sep. prop.) (Ivan Lee, her husband)

Gladys B. Withers, widow

Virginia Withers Crawford (sep. prop.) (Harold Crawford, her husband)

John S. Withers (sep. prop.) (Jan Withers, his wife)

The parties listed above are represented by Mrs. Elizabeth H. Lee, attorney-in-fact for the John S. Withers heirs. Her address is 1028 Forest Road, Charleston, W. Virginia 25314.

Frances V. Binghem, widow

Richard C. Bingham (sep. prop.) (Elizabeth E. Bingham, his wife)

Marjorie B. Nichols (sep. prop.) (Robert J. Nichols, her husband)

The parties listed above are represented by Richard C. Bingham, attorney-in-fact for the C. E. VanDevender heirs. His address is 345 Mt. Lebanon Boulevard, Pittsburgh, Pennsylvania.





# OIL & GAS DIVISION DEPT. OF MINES

### Oil and Gas Division

RECORD WELL

15' Arnoldsburg

Rotary - X	Oil
Cable	Gas
Recycling	Comb
Vater Flood	Storage
Disposal	Dry Hole

	L' Crastoralle W	770			Cable	
•	/농' Grantsville, W.	va.	*		Recycling_	Comb
Permit No. C.	AL. 2503-Rev. P.					IStorage
					Disposal	Dry Hold
	EVVAN CODDADATAN			ente de la companyación de la co		
	EXXON CORPORATION	-100-0 7A 707	Casing and	Used in	Left	Cement fill up
	0. Box 60626, New 0		Tubing	Drilling	in Well	Cu. ft. (Sks.)
	is G. Hathaway					1.
	ers) Pine Creek		Size 26"	650	650	750 sks
Well No. Gai	ner-Lee Et Al No. 1	_ ElevApprox.120				
DistrictCe	nter County_	Calhoun	Cond. 20"	2670	2670	2675 sks
	f tract is owned in fee by_		dispute annichment des fest op in material strategies for a particular stategies and the contract of the contr	811096	11096	1350 sks
Lo	uis G. Hathaway		9 5/8 10-3/	416975	15175	1800 sks
Address	<u>Grantsvil</u>	le, W. Va.	8 5/8		and the state of t	
Minéral rights	are owned by Various		7			
	Address		5 1/2			
			4 1/2			
Delling Com	leted 6-11-74	A PARTICIPATION OF A STREET OF THE PARTICIPATION OF	And the contract of the contra			
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	owcu. ft.		be Standard VIII - 3			
	ioncu. ft. per da	•	Liners Used	access to a construction of the construction o		
Well open	hrs. before te	estRP.				
Well treatmen	t details:		Attach copy of	cementing rec	ord.	
Coal was enco	untered at 370, 380, 19 No fresh water below 2000')	900, 1940 Feet	manganin kanan sama kana Langdi melilikan kengan mangan banka dalah perdampan sama	Inch	es .	<del>and the all the same production and the colory - exceptions and exceptions agrees</del>
·Fresh water_	No fresh water below	Feet	Salt '	Water		Feet
Producing San	d		Dept	h		The state of the s
Formation	Color Hard or Soft	Top Feet	Bottom Feet	Oil, Gas o	or Water	* Remarks
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enbrier LS.		2090	2285	Slight	Gas Show	
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onian SH	Brown Soft	2610	6246	1 CT date		}. }- }-
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			6429	Signe -5008	Oil Show	
kany	Gray			-500g	Oil Show	, C
lerburg	White-Clear Hard	6429 -	6505	m5008	Oil Show	, C
<b>~</b> 6	White-Clear Hard LtDk. Hard	6429 - 6505		-500g	Oil Show	9 9 9 9
.na	White-Clear Hard LtDk. Hard Gray	6505	6505 6850	-5008 -5191 -5267		2000 8000 8000 8000 8000 8000 8000 8000
	White-Clear Hard LtDk. Hard Gray Dk.Gray- Hard	8	6505	-5008 -5191 -5267	Oil Show  Ifur Wate	2000 8000 8000 8000 8000 8000 8000 8000
	White-Clear Hard LtDk. Hard Gray Dk.Gray- Hard Brown	6505 6850	6505 6850 7666	-5008 -5191 -5267		r cops
aro SS	White-Clear Hard LtDk. Hard Gray Dk.Gray- Hard Brown White Soft	6505 6850 7155	6505 6850 7666 7235	-500 9 -5/267 -5/267 Show Su		r cops
urg SS	White-Clear Hard LtDk. Hard Gray Dk.Gray- Hard Brown White Soft White-Clear Hard	6505 6850 7155 7666	6505 6850 7666 7235 7698	-5008 -5791 -5267 Show Su	lfur Wate	r cops
urg SS nzie	White-Clear Hard LtDk. Hard Gray Dk.Gray- Hard Brown White Soft White-Clear Hard Dk.Gray- Hard	6505 6850 7155	6505 6850 7666 7235	-500 9 -5/267 -5/267 Show Su	<b>lfur W</b> ate:	r cops
urg SS nzie- ckport	White-Clear Hard LtDk. Hard Gray Dk.Gray- Hard Brown White Soft White-Clear Hard Dk.Gray- Hard Black	6505 6850 7155 7666 – 7698	6505 6850 7666 7235 7698 8050	-5008 -5791 -5267 Show Su -6428 -6480	<b>lfur W</b> ate:	r rops are recur
urg SS nzie ckport er SS	White-Clear Hard LtDk. Hard Gray Dk.Gray- Hard Brown White Soft White-Clear Hard Dk.Gray- Hard Black White-Gray Hard	6505 6850 7155 7666 7698 8050	6505 6850 7666 7235 7698 8050 8090	-5008 -5791 -5267 Show Su -5428 -6428	<b>lfur W</b> ate:	r rops are recur
urg SS nzie- ckport	White-Clear Hard LtDk. Hard Gray Dk.Gray- Hard Brown White Soft White-Clear Hard Dk.Gray- Hard Black White-Gray Hard Gray-Green Soft	6505 6850 7155 7666 – 7698	6505 6850 7666 7235 7698 8050	-5008 -5791 -5267 Show Su -6428 -6480	<b>lfur W</b> ate:	r rops are recur
urg SS nzie- ckport er SS Hill SH.	White-Clear Hard LtDk. Hard Gray Dk.Gray- Hard Brown White Soft White-Clear Hard Dk.Gray- Hard Black White-Gray Hard Gray-Green Soft Red	6505 6850 7155 7666 7698 8050 8090	6505 6850 7666 7235 7698 8050 8090 8591	-5008 -5791 -5267 Show Su -5428 -6428	<b>lfur W</b> ate:	r sterrand
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(over)

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13510

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Dk.-Lt.

Gray

Black River

4 Wels Confe

Hard

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

Formation - Color Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
St. Peter SS Clear- Hard White	<b>i</b> 3510	13550	**	r and der Uniquine of the description and a survey of the analysis of the survey or the analysis and interesting and pro-
-Bcekmantown LtMed. Hard Gray	13550		17,317	
Copper Ridge ?	14355	15615	-13, 177	
Conasauga LtMed. Hard Gray-Brown	15615	20050	Salt Water -	14,37.7 4435
Basement White-Dk. Hard Brown	20050	<b></b>	18,812	
PRECAMBRIAN	TD	20,222	ì	
	The designation of the second		13,550 1228 TRAIL	13,550
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	- Line Company			
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, 19\_74 APPROVED By Oil & Gas Accounting Supervisor



# JUL 25 1974

### Oil and Gas Division

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

WELL RECORD 2

15' Arnoldsburg Quadrangle 73' Grantsville, W. Va.

Rotary_X	Oil
Cable	Gas
Recycling	Comb
Water Flood	Storage
Disposal	Dry Hole (Kind)
And the second second	(Kind)

Permit No.	CAL. 2503-Rev. P.	entra de la companya			Disposal	Storage Dry Hole (Kind)
	EXXON CORPORATION		Casing and	Used in	Left	Coment fill
Address P. Farm Lo	O. Box 60626, New	Orleans, LA 70	160 Tubing	Drilling	in Well	Cement fill up Cu. ft. (Sks.)
Location (w	aters) Pine Creek Liner-Lee Et Al No.		Size 26"	650	650	750 sks.
District	County_	Calhoun	Cond. 20"	2670	2670	2675 -1
	of tract is owned in fee by			811096	11096	2675 sks. 1350 sks.
I	ouis G. Hathaway			416975	15175	1800 sks.
Address	Grantsvi	ille, W. Va.	8 5/8			
Mineral right	s are owned by Variou	18	7			
	Address		5 1/2			
Drilling Com	menced <u>8-9-73</u>		4 1/2			
Drilling Com	pleted 6-11-74		3			
Initial opėn	flowcu. ft	t bbls.	2			
	tioncu. ft. per		Liners Used			
	hrs. before					
	0.70					
Coal was end	ountered at 370, 380, (No fresh water bel	1900, 1940 Feet	Cold 3	Inche	es	
Coal was end Fresh water_ Producing Sa	ountered at 370, 380, (No fresh water bel 2000)	1900, 1940 Feet ow Feet	Salt V	Inche	es .	Feet
Coal was end Fresh water_ Producing Sa Formation	nd		Salt V Depti	WaterInche		Feet
	Color Hard or So	ft Top Feet	Bottom Feet	Oil, Gas on	r Water *	
Formation	Color Hard or So	ft Top Feet	Bottom Feet	Oil, Gas on		Remarks
Formation  eenbrier LS  cono rea SS	Color Hard or So Tan Hard Tan-Brown Hard (Absent)	ft Top Feet 2090 2285	Bottom Feet	Oil, Gas on	r Water *	Remarks
Formation eenbrier LS cono rea SS vonian SH	Color Hard or So Tan Hard Tan-Brown Hard (Absent) Brown Soft	ft Top Feet  2090 2285 - 2610	Depti Bottom Feet 2285 2610 - 6246	Oil, Gas on	r Water *	Remarks (*A11
Formation  eenbrier LS  cono rea SS	Color Hard or So Tan Hard Tan-Brown Hard (Absent) Brown Soft Lt.Brown- Hard	ft Top Feet 2090 2285	Bottom Feet  2285 2610	Oil, Gas on	r Water *	Remarks (*A11
Formation  eenbrier LS  cono rea SS  vonian SH  ondaga	Color Hard or So: Tan Hard Tan-Brown Hard (Absent) Brown Soft Lt.Brown- Hard Gray	ft Top Feet  2090 2285 - 2610 6246	Depti Bottom Feet 2285 2610 - 6246 6429	Oil, Gas on	r Water *	Remarks (*A11 tops
Formation eenbrier LS cono rea SS vonian SH	Color Hard or So Tan Hard Tan-Brown Hard (Absent) Brown Soft Lt.Brown- Hard	ft Top Feet  2090 2285 - 2610 6246 6429	Depti Bottom Feet 2285 2610 - 6246 6429 6505	Oil, Gas on	r Water *	Remarks (*A11 tops
Formation  eenbrier LS cono rea SS vonian SH ondaga iskany lderburg	Color Hard or So  Tan Hard Tan-Brown Hard (Absent) Brown Soft Lt.Brown- Hard Gray White-Clear Hard LtDk. Hard Gray	ft Top Feet  2090 2285 - 2610 6246	Depti Bottom Feet 2285 2610 - 6246 6429	Oil, Gas on	r Water *	Remarks (*A11 tops are
Formation  eenbrier LS cono rea SS vonian SH ondaga	Color Hard or So.  Tan Hard Tan-Brown Hard (Absent) Brown Soft Lt.Brown- Hard Gray White-Clear Hard LtDk. Hard Gray Dk.Gray- Hard	ft Top Feet  2090 2285 - 2610 6246 6429	Depti Bottom Feet 2285 2610 - 6246 6429 6505	Oil, Gas on Slight (	r Water *	Remarks (*A11 tops are
Formation  eenbrier LS cono rea SS vonian SH ondaga iskany lderburg	Color Hard or So.  Tan Hard Tan-Brown Hard (Absent) Brown Soft Lt.Brown- Hard Gray White-Clear Hard LtDk. Hard Gray Dk.Gray- Hard Brown	ft Top Feet  2090 2285 - 2610 6246 6429 6505	Depti Bottom Feet 2285 2610 - 6246 6429 6505 6850 7666	Oil, Gas on Slight (	r Water * Gas Show Dil Show	Remarks (*A11 tops are from
Formation  eenbrier LS cono rea SS vonian SH ondaga iskany lderburg	Color Hard or So.  Tan Hard Tan-Brown Hard (Absent) Brown Soft Lt.Brown- Hard Gray White-Clear Hard LtDk. Hard Gray Dk.Gray- Hard Brown White Soft	ft Top Feet  2090 2285 - 2610 6246  6429 6505 6850 7155	Depti Bottom Feet 2285 2610  6246 6429 6505 6850 7666	Oil, Gas on Slight (	r Water * Gas Show Dil Show	Remarks (*A11 tops are from
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Formation  eenbrier LS cono rea SS vonian SH ondaga iskany lderburg lina lt vburg SS kenzie- kockport	Color Hard or So.  Tan Hard Tan-Brown Hard (Absent) Brown Soft Lt.Brown- Hard Gray White-Clear Hard LtDk. Hard Gray Dk.Gray- Hard Brown White Soft White-Clear Hard Dk.Gray- Hard Black White-Gray Hard Gray-Green Soft	ft Top Feet  2090 2285 - 2610 6246  6429 6505  6850  7155 7666 7698	Depti Bottom Feet 2285 2610  6246 6429 6505 6850 7666 7235 7698	Oil, Gas on Slight (	r Water * Gas Show Dil Show	(*All tops are from Electric
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Formation  eenbrier LS cono rea SS vonian SH ondaga iskany iderburg lina lt vburg SS kenzie- cockport efer SS ee Hill SH.	Color Hard or So.  Tan Hard Tan-Brown Hard (Absent) Brown Soft Lt.Brown- Hard Gray White-Clear Hard LtDk. Hard Gray Dk.Gray- Hard Brown White Soft White-Clear Hard Dk.Gray- Hard Dk.Gray- Hard Cray-Green Soft Red White-Gray Hard Gray-Green Hard	ft Top Feet  2090 2285 - 2610 6246 6429 6505 6850 7155 7666 7698 8050 8090 8591 8718	Depti Bottom Feet  2285 2610 - 6246 6429  6505 6850  7666  7235 7698 8050  8090 8591  8718	Oil, Gas on Slight (	r Water * Gas Show Dil Show	(*All tops are from Electric

<sup>(</sup>over)

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

Formation	Color Hard or Sof	t Top	Feet 2	Bottom Feet	Oil, Gas or Water * F	Remarks
St. Peter SS Beekmantown	Clear- Hard White LtMed. Hard Gray		13550	13550 14355		
Conssauga Basement	LtMed. Hard Gray-Brown White-Dk. Hard		15615	20050		The second secon
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(Title)



# OIL AND GAS WELL PERMIT APPLICATION

Oil and Gas Division

TO THE DEPARTMENT OF MINES,	- 05 1072
Charleston, W. Va.	DATEJune 25, 1973
Surface Owner Louis G. Hathaway	CompanyExxon Corporation
Grantsville, W. Virginia	Address P.O. Box 60626, New Orleans, Louisia
Mineral Owner *	Farm Louis Hathaway Acres 61.044
Address	Location (waters) Pine Creek
Coal Owner None	Well No. Gainer-Lee et al #1 Elevation Approx.
Address	Center Calhoun  District 15' Arnoldsburg County
Coal Operator	Quadrangle 7½ Grantsville, W. Virginia
Address	NE/4 Arnoldsburg 15' Quadrangle
*See attached	N 3852.5 - W 8100/7.5 Approximately 81° 06' 5" longitude 38° 53' 0" latitude
	Further identified as:
CTOR TO BE NOTIFIED Harry Holliday	2.7 miles SSW of Grantsville, W. Virginia immediately East of Pine Creek.
sville, W. Va. PH: 354-6731	·
GENTLEMEN:  The undersigned well operator is entitled to drill upor title thereto, (or as the case may be) under grant or lea	the above named farm or tract of land for oil and gas, having for same dated September 10, 19 18 by H. B. P.
The undersigned well operator is entitled to drill upor title thereto, (or as the case may be) under grant or lease made to consolidated Gas Su	pply Corporate Series on the day of
The undersigned well operator is entitled to drill upon title thereto, (or as the case may be) under grant or lease made to the consolidated Gas Sumander of the county, in	pply Corporationded on the day of
The undersigned well operator is entitled to drill upon title thereto, (or as the case may be) under grant or less made to Consolidated Gas Sun made to County, Book 2  X NEW WELL DRILL DEEPER	pply Corporationed on the day of  Page  REDRILLFRACTURI: OR STIMULATE
The undersigned well operator is entitled to drill upon title thereto, (or as the case may be) under grant or lease made to the consolidated Gas Sumander of the county, in	pply Corporationed on the day of  Page  REDRILLFRACTURI: OR STIMULATE
The undersigned well operator is entitled to drill upon title thereto, (or as the case may be) under grant or lease made to the consolidated Gas Sumade to the case may be and the consolidated Gas Sumade to the case may be and the case may be an another m	ase dated September 10, 19 by h. B. F.  pply Corporational on the day of page 1 FRACTURI: OR STIMULATE  LLED BEFORE JUNE 5, 1969.
The undersigned well operator is entitled to drill upor title thereto, (or as the case may be) under grant or lease made to Consolidated Gas Sumade to Consolidated Gas Sumade to County, Book 2    Yamale   DRILL DEEPER	pply Corporation and the by
The undersigned well operator is entitled to drill upor title thereto, (or as the case may be) under grant or lease made to Consolidated Gas Sumade to Consolidated Gas Sumade to County, Book 2    Yamale   DRILL DEEPER	pply Corporation delivered to the above named coal operator day  see dated September 10, 19 by h. B. F.  pply Corporation delivered to the above named coal operator day — day — before, or on th
The undersigned well operator is entitled to drill upor title thereto, (or as the case may be) under grant or lease made to consolidated Gas Sumade to County, Book 2	pply Corporation delivered to the above named coal operator day  see dated September 10, 19 by h. B. F.  pply Corporation delivered to the above named coal operator day — day — before, or on th
The undersigned well operator is entitled to drill upor title thereto, (or as the case may be) under grant or lease made to Consolidated Gas Sumade to Consolidated Gas Sumade to County, Book 2    New Well	pply Corporation on the by
The undersigned well operator is entitled to drill upor title thereto, (or as the case may be) under grant or lease made to Consolidated Gas Sumade to Consolidated Gas Sumade to County, Book 2    New Well	pply Corporationed on the day of
The undersigned well operator is entitled to drill upor title thereto, (or as the case may be) under grant or lease made to Consolidated Gas Sumade to Consolidated Gas Sumade to County, Book 2    X	pply Corporationed on the by
The undersigned well operator is entitled to drill upor title thereto, (or as the case may be) under grant or lease made to Consolidated Gas Sumade to Consolidated Gas Sumade to County, Book 2    X	see dated September 10, 19 by 11. B. 1. pply Corporation the day of
The undersigned well operator is entitled to drill upor title thereto, (or as the case may be) under grant or lease made to consolidated Gas Sumade to Consolidated Gas Sumade to County, Book 2    New Well	see dated September 10, 19 by H. B. F. pply Corporationed on the day of
The undersigned well operator is entitled to drill upor title thereto, (or as the case may be) under grant or lease made to Consolidated Gas Sumade to Consolidated Gas Sumade to County, Book 2    X	Page 1.  REDRILL FRACTURI: OR STIMULATE LLED BEFORE JUNE 5, 1969.  Peer or licensed land surveyor and all coal owners and/or operators or filed with the Department of Mines within ten (10) days. *  d by registered mail, or delivered to the above named coal operator day

\*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 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 authorized to proceed.

CAL-2503-REV. PERMIT NUMBER

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

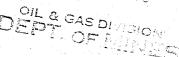
PROPOSED WORK ORDER TO	X DRILL	DEEPEN	FRACTURE-STIMULATE		
DRILLING CONTRACTOR: (If					
NAME Helmerich & Payne		RESPONSIBLE AGENT:			
ADDRESS Utica at Twenty	-First, Tulsa, Okla.	ADDRESS Charle	harleston National Plaza ston. W. Virginia 25301		
TELEPHONE 918-742-	5531	ADDRESS <u>Charleston</u> , W. Virginia 25301 TELEPHONE 346-0441			
ESTIMATED DEPTH OF COMPL			_ CABLE TOOLS		
		ROIANI	_ CABLE TOOLS		
PROPOSED GEOLOGICAL FORM					
TYPE OF WELL: OIL_			GE DISPOSAL		
TENTATIVE CASING PROGRAM		NG WATER FI	LOODOTHER		
CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.		
20 - 16 20	None	660*	635 cu. ft.		
13 - 10 16	None	3000	1411 cu. ft.		
9 - 5/8 11-3/4	None	+11,000	1734 cu. ft.		
8 - 5/8					
7					
5 ½					
4 1/2					
3			Perf. Top		
2		/	Perf. Bottom		
Liners 9-5/8" Line		40001	Perf. Top 442 cu. ft.		
		60001	Perf. Bottom 571 cu. ft.		
OF PLAT.  TO DRILL DEEPER OR REDRIL  SUBMIT FIVE (5) COPIES ( 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 NUT.	L: OF OG - 1, SHOWING ORIGI O 1929, A PERMANENT CO D. RIGINALLY DRILLED BEFOR AND ORIGINAL WELL REC RIGINALLY DRILLED ON AN MBER, AND PERFORMANCE	NAL PERMIT NUMBER ADPY OF THE PLAT AND REJUNE 5, 1929, FIVE (5 CORD.  ND/OR AFTER JUNE 5, 19 BOND.	BOND AND PERMANENT COPY  AND PERFORMANCE BOND. ON THE ORIGINAL WELL RECORD  COPIES OG - 1, PERFORMANCE  229, FIVE COPIES OG - 1, SHOW-  E. Inspector to be notified twenty-		
four (24) hours in advance.  *Agent for process ser	ving only.	-			
	NOM ADDITION OF THE				
	NOT APPLICABLE	rator if the normit is to b	a joined within ton down of any		
thereof.	·		e issued within ten days of receipt		
	nt fored and place on our mine ma		er or Operator of the coal under ation.		
			well being drilled at this location, d 7, Chapter 22 of the West Virginia		
		Berlin stephen half in eller steakhold blegerheiden berlin by sprenge geng generation generation yn mean y me	For Coal Company		

Official Title





### Oil and Gas Division



## OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,	
Charleston, W. Va.	DATE May 15, 1973
Surface Owner Cleo Gainer	Company Exxon Corporation
Address Rte. 1, Box 143, Grantsville, W. Va.	Address P.O. Box 60626, New Orleans, Louis
Mineral Owner Cleo Gainer 50%	Farm Cleo Gainer Acres 358' 340
Address Rte. 1, Box 143, Grantsville, W. Va.	Location (waters) Pine Creek
Coal OwnerNone	Well No. 1 Elevation Approx.
Address	District Center County Calhoun
Coal Operator -	15 Just and County County
	71/2 1
Address	NE/4 Arnoldsburg 15' Quadrangle
	N 3852.5 - W 8100/7.5 Approximately 81° 06' 42" longitude
THIS PIRMIT MUST BE POSTED AT THE WILL SITE	38° 53° 20" latitude
All provisions being in accordance with Chapter 22,	
of the y. Va. Code, the location is hereby approved	2.7 miles SSW of Grantsville W. Virginia
for Arithme. This permit shall expire if	immediately East of Pine Creek.
operations have not commenced by 9/18/73.	
Deputy Director - Oil & Gas Division	
Deputy Director - Oil & Gas Bigision	
GENTLEMEN:	
The undersigned well operator is entitled to drill upon the al	have named from an treat of land for the
title thereto, (or as the case may be) under grant or lease date	6/26/ 18 *
made to Hope Natural Gas Co.	19 by
19 in County, Book60	and recorded on the day of
X NEW WELLDRILL DEEPER	REDRILL FRACTURE OR STIMULATE
OIL AND GAS WELL ORIGINALLY DRILLED B	EFORE JUNE 5, 1969
The enclosed plat was prepared by a registered engineer or I have been notified as of the above date.	icensed land surveyor and all coal owners and/or operators
The above named coal owners and/or operator are hereby not	fied that any objection they wish to make or are required
to make by Section 3 of the Code, must be received by, or filed	with the Department of Mines within ten (10) days. *
Copies of this notice and the enclosed plat were mailed by res	gistered mail, or delivered to the above named coal operators
or coal owners at their above shown respective address	day before or or the
same day with the mailing or delivery of this copy to the Depart	ment of Mines at Charleston, West Virginia.
by Lee Gainer and A. L. Gainer, Ven	ry truly yours,
xecutors of the estate of	an Name
. W. Gainer, deceased.	gn Name) Well Operator
Mr. Harry	P. O. Box 60626
TENTOR TO BE NOTIFIED Sheliday Address	Street
Mr. Hang Address  Btf 221 PH: 354-6731 Well Operator  Whateville  Wha. 26147	NewOrleans,
At - id	City or Town
Grantoerete	Louisiana 70160
W/2. 06/4/	State
	Giaic Grant Company of the Company o

\*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 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 reproved and the well operator authorized to proceed.

Cal-2503 PERMIT NEMBER

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

PROPOS	SED WORK ORDER TO_	X DRILL	DEEPEN	FRACTURE-STIMULATE	
	G CONTRACTOR: (If F	Known)	RESPONSIBLE AGENT:		
NANEE	Helmerich & Pay	rne	*W M Wo	odroa	
ADDRES	S Utica at Twenty	-First, Tulsa, Okla.	ADDRESS Charle	harleston National Plaza ston, W. Virginia 25301	
TELEPH	ONE 918-742-5531		TELEPHONE	346-0441	
FSTIMAT	TED DEPTH OF COMPLE	20,000		CABLE TOOLS	
DDODOC	ED GEOLOGICAL FORM	Cambrian	NOIANI	CABLE TOOLS	
TAUTUSI	ED GEOLOGICAL FORM	ATTON:	ann aman i	GEDISPOSAL	
TIPE OF	: WELL: OIL				
		RECYCLIN	G WATER F	LOODOTHER	
TENTAT	IVE CASING PROGRAM:				
1.0211111					
CAS	ING AND TUBING	USED FOR	LEFT IN	CEMENT HILL UP	
Security - Property and the second	SIZE	DRILLING	WELL	OR SACKS - CUBIC FT.	
20 - 16	20	None	160	151 cu. ft.	
13 - 10	15	None	3000	1411 cu. ft.	
9 - 5/8	11 3/4	None	<u>+</u> 11,000	1734 cu. ft.	
8 - 5/8					
7 5 ½					
4 1/2					
3				Perf. Top	
2				Perf. Bottom	
Lipers	9-5/8" Line		4000'	Perf. Top 442 cu. ft.	
	7" Line		6000	Perf. Bottom 571 cu. ft.	
OF TO DRIL	PLAT. L DEEPER OR REDRILL			CEIVED	
WEL	LS DRILLED PRIOR TO T ALSO BE SUBMITTED	) 1929, A PERMANENT COP	PY OF THE PLAT AND	AND PERFORMANCE BOND. ON THE ORIGINAL WELL RECORD	
TŌ FRAC	TURE - STIMULATE:		DEPT	OF MINES	
OIL	AND/OR GAS WELL ORI	GINALLY DRILLED BEFORMAND ORIGINAL WELL RECO	E JUNE 5, 1929, FIVE (5	6) COPIES OG - 1, PERFORMANCE	
OIL ING	AND/OR GAS WELL ORI ORIGINAL PERMIT NUM	GINALLY DRILLED ON AND BER, AND PERFORMANCE E	D/OR AFTER JUNE 5, 1 BOND.	929, FIVE COPIES OG -1. SHOW-	
Requ four	aired forms must be filed (24) hours in advance.	within ninety (90) days of co.	mpletion for bond releas	e. Inspector to be notified twenty-	
Agent f	or process serving	; only.			
		NOT APPLICABLE	•		
The	following waiver must be	completed by the coal opera	tor if the permit is to b	e issued within ten days of receipt	
WAIVER-	I the undersioned Agent	for	Coal Common O	er or Operator of the coal under	
,	this lease have examined	and place on our mine map	s this proposed well les	er or Operator of the coal under	
	the control of the second of t				
	providing operator has con	mplied with all rules and regula	ve no objections to said ations in Articles 4, 5, and	well being drilled at this location, d 7, Chapter 22 of the West Virginia	
are the second			and the second s	For Coal Company	

Official Title

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13510 12304- BST PETER

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ARNOLDSBURG ACRES 382
EXXON CORP
BOX 60626
NEW ORLEANS LA
GRANTSVILLE—ARNOLDSBURG FIELD PRODUCES FROM
BIG INJUN AT 1900
6 1/4 MI N OF TOWN OF ARNOLDSBURG
LOC /1973/
DROPPED FROM REPORT
20222 TD
COMP 6/11/74, D&A
HOLDING FOR DATA
REPLACEMENT FOR TEMP CT ISSUED 6/14/74
MAP QUAD
06/01
 06/14
 03/17
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