COMMONWEALTH OF VIRGINIA DEPARTMENT OF LABOR AND INDUSTRY DIVISION OF MINES AND QUARRIES BIG STONE GAP, VIRGINIA 24219

NOTICE OF INTENTION TO (DRILL) (REDRILL) (DEEPEN) OIL OR GAS WELL

(One copy of this report and three identical cop					
feet to the inch, and showing information requir	ed by Section 45.1-114, Code of Virginia	, 1950, 1954			
and the 1966 Cumulative Supplement, must be su	ibmitted to the Division of Mines and Qua	rries, and			
copies sent by registered mail to all persons defi		imi to diffi.)			
TO: Division of Mines and Quarries	P. O. Box 431 Prestonsburg, Kentucky 416	53			
Drawer V	Place				
Big Stone Gap, Virginia 24219	August 18	,19 80			
big Stolle Oup, Virginia 24217	Date				
Gentlemen:					
71		C 14.			
The undersigned proposes to begin as soon as a p		-			
and Quarries, to drill, restrict restrictions of the Bise Farm, comprising 126.00	acres, in the Kenady	District of			
Control and a special and a sp	iving the fee title thereto, or as the case n	_			
Dickenson County, Virginia, ha grant or lease dated October 16, 1975	, made by Asa B. Bise, et al.	idy be, dide			
	ed on the 5th day of January				
in the office of the County Clerk for said County		-			
The proposed location of the well, as shown on t)			
(feet/mikes) east of	Greenwood School	and			
about 5350 (feet/mile	north of McCoy Cemet				
950-feet south of Lat. 37°00'00"	3260-feet west of Long. 82°22	30"			
It is proposed to drill this well to a depth of abo	out 6000 feet. Samples or cutting there	efrom will			
or will not be available for examination by a me	ember of the staff of the Virginia Geologic	al Survey.			
Cuttings will or will not be furnished the Survey					
A plat or map, in triplicate, on a scale not small	그는 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그				
cation of the well and other information, require					
and the 1966 Cumulative Supplement is attached					
drill, redrill or deepen the aforementioned well					
Section 45.1-114, above cited, as follows (list additional space is required):	names and mail address of each. Use back	c or sneer if			
Virginia Iron Coal and Coke Com	pany Coeburn Virginia 24230	(coal owner			
2.	pany, occurr, virginia 2,230	(COUL OWNER			
3.					
4.					
5.					
6.		-			
	Very truly yours,				
Signature of officer or certifying party:	Philadelphia Oil Company				
D.D. Hagu	Drilling Company or C perc	itor			
Name	P. O. Box 431				
	Street Address	1652			
Title	Prestonsburg, Kentucky 4				
	City or Town and State	•			

Date Received

COMMONWEALTH OF VIRGINIA DEPARTMENT OF LABOR AND INDUSTRY DIVISION OF MINES AND QUARRIES BIG STONE GAP, VIRGINIA 24219 PHONE 703-523-0335

APPLICATION FOR PERMIT TO (DRILL) (REDRILL) (DEEPEN) CIL OR GAS WELL

	, 1950, 1954 and the 1966 Cumulative Supplement.
To be accompanied by Permit fee of twenty-five a	dollars and bond and surety therefor, as specified by
Section cited. To be submitted in duplicate, one	
Division of Mines and Quarries.	
TO: Division of Mines and Quarries	P. O. Box 431
Drawer V	Prestonsburg, Kentucky 41653
Big Stone Gap, Virginia 24217	Place
big stone Cop, Vittima 27217	
	August 18, 1980 Date
Cantlaman	Date
Gentlemen:	21. 1211
	ermit to drill, xadridk xxxx de apon (strike out two) a
the state of the s	m, comprising 126.00 acres, in the Kenady
	, Virginia, having the fee title thereto, or as the
case may be, under grant or lease dated Octob	
Asa B. Bise, et al., to Ph	niladelphia Oil Company
and recorded on the 5th day of	January , 19 76 in the office of the County
Clerk for the said County in Book 174 pag	ge 602 .
	ocation plat or map submitted to the Division of Mines
	Notice of Intention to Drill, Redrill or Deepen a Well
for Oil or Gas on the 18th day of August	
The proposed well will be known as Well No.P-	
(company, etc.) It is proposed to drill this well	
	distant from the nearest property or lease line; about
	ing opening, axaptary (strike out words not applicable)
	xdrithingxxxbxxxdoxxxdx producing, xxxxxxxlixxkixx (strike
out words not applicable) oil or gas (strike out wo	
	b. Land Acct. Ck. #222 in the amount of twenty-five
	vering fee fro a Permit to Drill a Well for Cil or Gas,
	ia, 1950, 1954 and the 1966 Cumulative Supplement.
	th the provisions of Chapter 8, Title 45, Code of Vir-
ginia, 1950 and the 1966 Supplement, for this we	
with of (give status of) Blanket Bond cover	ring Wells Nos. P-101 through P-115
Chapter State place approach a bright State place place promote approach to the state and comment chapters.	
Correspondence regarding this well should be add	Iressed to
Box 431, Prestonsburg, Kentucky 4	Decay of the termination of the process of the contraction of the cont
Don't july 11 colonia de la julione de la ju	Very truly yours,
Signature of officer or certifying party:	, , , , , , , , , , , , , , , , , , , ,
D.D. Hami	Philadelphia Oil Company
Name	Drilling Company or Operator
Rame	
To a second seco	P. O. Box 431
Title	Street
* * * * * * * * * * * * * * * * * * * *	Prestonsburg,
	City or Town
	Kentucky 41653
	State
Space below this line is	for the use of the Board only.
ACTION OF DIVISION	OF MINES AND QUARRIES
Received on August 16 ,198	80 .
Approved and Permit (no. 377) granted	
Denied	
Recsons for denial	
	DIVISION OF MINES AND QUARRIES
	By B. J Sufrew State Oilan / Gas Insp
	Title
File No. 21-179 Well No. P-1/2	Permit No. 377
11011110. 1-1/2	- 151111111101

COMMONWEALTH OF VIRGINIA DEPARTMENT OF LABOR AND INDUSTRY DIVISION OF MINES AND QUARRIES BIG STONE GAP, VIRGINIA 24219 PHONE 703-523-0335

APPLICATION FOR PERMIT TO (DRILL) (REDRILL) (DEEPEN) OIL OR GAS WELL

(Required by Section 45.1-115, Code of Virginia, 19	950, 1954 and the 1966 Cumulative Supplement.
To be accompanied by Permit fee of twenty-five doll	
Section cited. To be submitted in duplicate, one co	
Division of Mines and Quarries.	
TO: Division of Mines and Quarries	P. O. Box 431
Drawer V	Prestonsburg, Kentucky 41653
Big Stone Gap, Virginia 24219	Place
	August 18, 1980
	Date Date
Gentlemen:	
The undersigned hereby makes application for a Perm	uit to drill xadridtxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
	comprising 126.00 acres, in the Kenady
	/irginia, having the fee title thereto, or as the
case may be, under grant or lease dated October	
Asa B. Bise, et al., to Phil	adelphia Oil Company
and recorded on the 5th day of Jan	uary ,19 76 in the office of the County
Clerk for the said County in Book 174 page	602
The proposed location of the well is shown on a local	
and Quarries, by the undersigned, together with Not	tice of Intention to Drill, Redrill or Deepen a Well
for Oil or Gas on the 18th day of August	1980
The proposed well will be known as Well No.P-112	
(company, etc.) It is proposed to drill this well to a	
The proposed location is about 550 feet dista	
	opening, axapassy (strike out words not applicable
and/or about 4000 feet distant from the nearestation	
out words not applicable) oil or gas (strike out words	
There is enclosed herewith Philadelphia Oil Co. L	
(\$25.), payable to the Treasurer of Virginia, coverin	
as required by Section 45.1-115, Code of Virginia,	
Bond and Surety therefor to insure compliance with the	
	· · · · · · · · · · · · · · · · · · ·
ginia, 1950 and the 1966 Supplement, for this well, with of (give status of) Blanket Bond coverin	And the second s
will of (give states of) Dranket Bond Covering	g wells hos. I - lot tillough I - lly
Correspondence regarding this well should be address	and to
the state of the s	Browner to the state of the sta
Box 431, Prestonsburg, Kentucky 4165	
C:	Very truly yours,
Signature of officer or certifying party:	
D.A. Hagu	Philadelphia Oil Company
Name	Drilling Company or Operator
	P. O. Box 431
Title	Street
	Prestonsburg,
	City or Town
	Kentucky 41653
	State
Space below this line is for	the use of the Board only.
ACTION OF DIVISION OF	MINES AND QUARRIES
Received on Auxund 16 ,1980.	선생님의 경영 경영 경영 하는 그리고 하는 것 같아 없는 것이다.
Approved and Permit (no. 377) granted on	August 19 ,19 80
Denied	
Reasons for denial	
	DIVISION OF MINES AND QUARRIES
B	y B. J. Tufnew State Oiland Gas Imp
	Title
File No. 7/179 Well No. 8112	Permit No. 777

COMMONWEALTH OF VIRGINIA DEPARTMENT OF LABOR AND INDUSTRY DIVISION OF MINES AND QUARRIES BIG STONE GAP, VIRGINIA 24219

NOTICE OF INTENTION TO (DRILL) (REDRILL) (DEEPEN) OIL OR GAS WELL

feet to the inch, and showing information required and the 1966 Cumulative Supplement, must be so	red by Section 45.1–114, Code of Virginia, 1950, 195 ubmitted to the Division of Mines and Quarries, and ined in above law, prior to obtaining a permit to drill.
TO: Division of Mines and Quarries	P. O. Box 431 Prestonsburg, Kentucky 41653
Drawer V	Place
Big Stone Gap, Virginia 24219	August 18 ,19 8
	Date
Gentlemen:	
and Quarries, to drill, restrictions deeper (strike Bise Farm, comprising 126.00	acres, in the Kenady District of aving the fee title thereto, or as the case may be, und
	ed on the 5th day of January ,19 /6
to Philadelphia Oil Co. and records in the office of the County Clerk for said County	
The proposed location of the well, as shown on	
	Greenwood School and
about 5350 (feet/mile	
	3260-feet west of Long. 82 22 30"
	out 6000 feet. Samples or cutting therefrom will
	ember of the staff of the Virginia Geological Survey.
Cuttings will or will not be furnished the Survey	
cation of the well and other information, require and the 1956 Cumulative Supplement is attached drill, redrill or deepen the aforementioned well Section 45.1-114, above cited, as follows (list additional space is required): 1. Virginia Iron Coal and Coke Com 2.	eller than 400 feet to the inch, showing the proposed level in Section 45.1-114, Code of Virginia, 1950, 1950 detects. Copies of the plat and notice of intention to have been sent to all interested persons as required by names and mail address of each. Use back of sheet if appany, Coeburn, Virginia 24230 (coal ow
3.	
4.	
5.	
6.	
	Very truly yours,
Signature of officer or certifying party:	Philadelphia Oil Company
D. D. Hager	Drilling Company or Cperator
Name	P. O. Box 431
	Street Address
Title	Prestonsburg, Kentucky 41653
	City or Town and State

Date Received

OIL AND GAS WELL SUMMARY REPORT

API No. 45-051-20377-00-03	VDMR Well Rep. No. W-6076
igo Alla Galletta et plante et al participa de la companya del companya de la companya de la companya del companya de la companya del companya de la companya de la companya de la companya del companya de la companya del companya de la companya del companya de la companya de la companya de la companya de l	DMQ File NoDI-179
Operator PHILADELPHIA OIL COMPANY	
Farm ASA B. BISE	
Co. Well No	
County DICKENSON	Quadrangle COEBURN - 7-1/2'
Location (UTM) N 4,095,260; E 376,6	30 UTM Zone17
(Lat. and Long.)	
Field	Province APPALACHIAN PLATEAUS
Elev. (specify) 2699.32' GR. TD 60	74' Form. at TDDEVONIAN SHALE
INITIAL FLOW -	Age DEVONIAN
Date compl. or abandoned1-26-81	
Result GAS WELL	
Gas Shows 5257' to 5263'	
Gas Pays 5874' to 5883'; 5921' to 5	927'; 5938' to 5953'; 5966' to 5981'
Main Production	Prod. Form. BEREA
	Age MISSISSIPPIAN
	ER FRACTURED WITH 75,000 POUNDS OF SAND
IN 1,145 BARRELS OF FLUID. THE BIG I	LIME FORMATION WAS ACIDIZED WITH 2,000
GALLONS OF 28% ACID. WELL WAS PERFORM	ATED FROM 5874' to 5981' AND FROM 5257'
Initial Production	
FINAL FLOW -	
Oil shows	
Water FW X at 19' at	
SW at at	
Coal 19' to 20'; 116' to 120'; 559' to	
Plat X Plotted X Compl	
Drillers Log X Geologic Log	
Samples X Interval Sheet X	
Sample Interval 0' to 5980'	
Remarks Remarks	Camma
Geophysical Logs S.P Res	
Density Sonic Other	1 SMILSCHTUICS

5263'.

		A8. 1491	Datum	野の方の大統領	多种食品
Formatio	on	Top	(Subsea)	Thickness	
	O -Nov. pi	nike jil		D-Kreie da es	
- (1-1)	1 091,00	等明色。例	-	Martin Martin Company	
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1795				24 120 1	
emarks					
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eferences	vier and	FRACTIONS :	SIB TONLOUS TO	F1 * 72 . \$30 . 12 . 5 . 5	
		WITH HOR A	41/198 3,00		ar days
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Ache montales					- (34)
No.					er (Albert
					28/276 28/276 13/2
Released to Open	10125	Typot 3 1 to	APRIL 26	1001	193

(Note: UTM measurements in meters, all others in feet)

Swon Plie

						Jack on Jack
DM Form 7	Co	MMONWEALTH	OF VIRGINIA			
(To be filled in by Division of Mines)			OR AND IN	DUSTRY	Division	lled in by of Mines)
DickENSON County	D	IVISION C	F MINES		Well No.	-112
KENADY		BIG STONE GA	P, VIRGINIA		Permit No.	77
District Toms CREEK	OIL AND G	DEEPE AS WELL CO ABANDON	MPLETION	REPORT	County Code	051
Quadrangle DZ-/79 File	be submitted t	to the Division of	electrical log, if n Mines within 30 well, as required .)	days after	Well Classification	DEVELOPMENT
Company Philadelphia	a Oil Company	-	Address			
Farm Asa B. Bise	2				Virginia 2427 •0	
County Dickenson Well No. (Company) P-11:			District	Kenad		
	n and distance in fallat or map previous farea.)					
3260 feet	FIST WEST	of	82° 22' 3	30"		and
950 feet _	South	of	37° 00' (00"		
Surface of tract is owned in	fee simple byA	sa B. Bise				
Address			ginia 2123			
Mineral rights are owned by Address						
Location made by Mr.			SIIII 212			
Drilling commenced	9-05-80]				
Drilling completed	9-18-81		Address Box 2	0 Buckha	annon, West Vi	rginia 26201
Well completed as gas well o	n 1-26-81					
-	,					
Well abandoned at	feet on	10	A ffi donit filos	: Rea	son	10
Well plugged on		, 19 feet	Steel line me	asurement		, 19 feet
Commenced producing on						
	,					
Oil Well Initial production,	*		Downals now day			
Stimulation Record						
Simulation Record						
Breakdown Pressure						
Average Injection Rate			BPM; Insta	ant Shut-ir	Pressure	psi;
Min. Shut-in Pressure			p	si;		
Final Production						Barrels per day.
Gravity and grade of oil						
Oil pays at (1)	feet to	feet.	Oil shows at	(1)	feet to _	feet.
(2)	feet to feet to	feet.		(3)	feet to feet to	feet.
	feet to			(4)	feet to	feet.
Main production at	feet to	feet.		(5)	feet to	feet.
Gas Well		G	laged	/	10ths. Water in	inch.
Initial open flow, gas:					10ths. Mercury in	
Volume Show Stimulation Record (1)	The Reres was -	Mcf.;	with 75 00	0# sand	lbslbs	of Fluid
(2) The Big Lime w	as acidized with	2000 gall	on of 28% a	cid.		

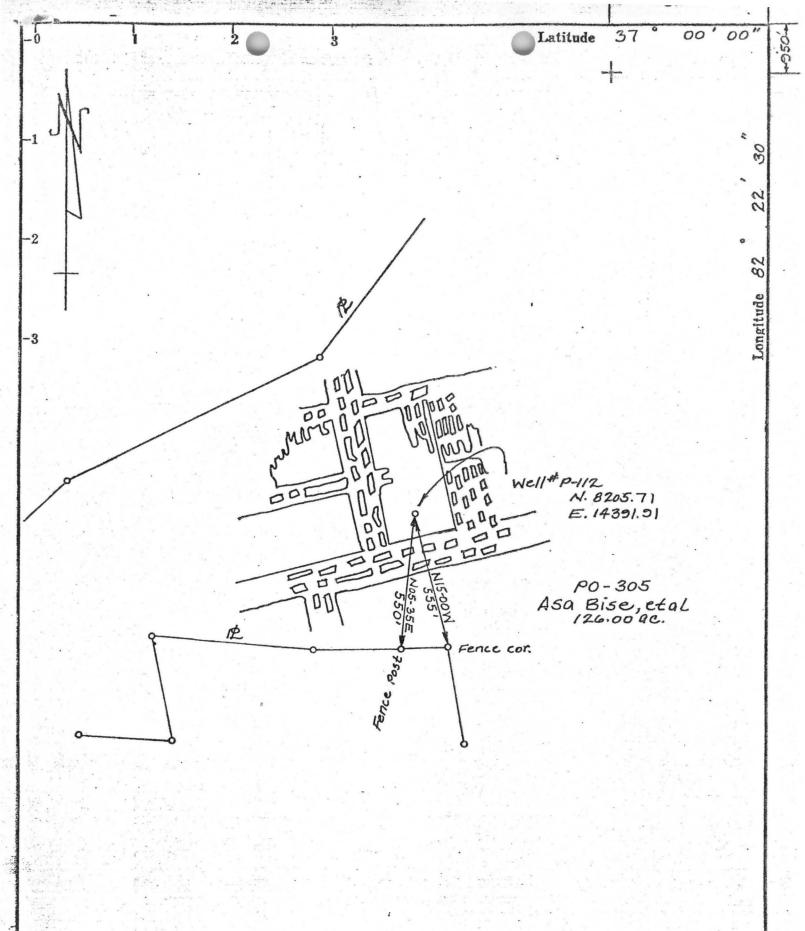
	ction Rate (1)	29 (2) 20	psi; Average BPI				
1					it-iii i iessuie .	(2)	700 psi,
Mill. Shu	-III Flessure	<u> </u>		psi.			
		5M BL - 133M					
	(1)5874	feet to58	83 feet. Gas sh				
	$(2) = \frac{5921}{5029}$	feet to59	27 feet.		fe		
	(3)5938	feet to59	953 feet. 981 feet.		fe		
Main nuadua	(4)5966				fe		
Main produc	tion	feet to	feet.	(9) _	fe	et to	ieet.
Fresh water	at (1) 19	feet, ½" stream	CPM: (2)	foot	CPM · (2)	foot	CPM
Salt water at	(1)	feet; (2)	feet: (3)	fee	et: (4)	fee	t GI W.
Coal: from 1	9 feet	inches to _2	20 feet	inches: from	116 feet	in	ches to 120
feet _	inches;	from 559 feet	inches,	to563	feet	inches.	1007-1012
	CAS	SING AND TUBING			PACKERS OR BR	IDGE PLUG	is
SIZE	USED IN	LEFT IN	PERFORATED	KIND	Size		SET AT
	DRILLING	WELL		_			
(inch)	(feet)	(feet)	(feet) to (feet)	Ping-G.O	. 4-1/2"		5859
11-3/4	23	23					
8-5/8	2984	2984					
4-1/2	6054	6054	5874-5981				
			5257-5263		•		
2-3/8	5859	5859					
				-			
					LINE	RS	
				SIZE	USED IN	LEFT IN	PERFORATED
					DRILLING	WELL	
				(inch)	(ft.)	(ft.)	(ft. to ft.)
			777				
Casina	C	E /O : 1	100/ f++-	5 D-	4- 0.10.00		
Casing		5/8 inch. from _2					
	_4	1/2 inch. from 5	feet to				
-							
Remarks: (S	hut down, depth	s, dates; fishing job	s, depths, dates; cav	ring; other not	tes)		
Samples or c	uttings will be a	vailable for examina	tion by a member of	of the Virginia	Geological Su	IPUOTI	(Yes)
samples of c	uttings will be a	valiable for examina	tion by a member of				(1907/25)
Will be furnis	shed the Virginia	a Geological Survey	upon request	(1es), i	f sacks for sam	ie are fur	nished by the
			(37	MXM)			
Survey			(NX)				
Floatwicel los	rmada X an	not made(chec	dr webiob				
-		or will be		Paviously	submitted		10
DepthsF		-surface	submitted on or by	L C Y L D C C C C C C C C C C C C C C C C C C	SUPMILLEU		, 10
		-2984					
Γο operator	requests that in	formation given her	ein and log or logs	be kept con	fidential for a	period o	f ninety days
	-	covered by this repo	(Yes)		1100	-
			(NS)			
	377	Permit No.	UI-II	File No.		P-112	Vell No.

LOG

Furnished by B. Camp _ Date _3-30-81

Compiled by B. Camp Date 3-30-81

Fill Sand Coal 1 19 20 1 1	ŒOLOGIC AGE	FORMATION	General Lithology	Color	TOP (feet)	BOTTOM (feet)	THICKNESS (feet)	REMARUS OIL, GAS WATER DEPTHS SHUT DOWN FISHING, ETC.
		Sand Coal Sand Sd & Sh. Coal Sd & Sh. Coal Sd. & Sh. Coal Sd. & Sh. Coal Sd. & Sh. Avencliff Sd & Sh. Maxon Sd. & Sh. Little Lime Big Lime Keener Weir Coffee Shale Berea Brown Shale			1 19 20 67 116 120 559 563 1007 1012 2773 2778 3161 3277 3524 4660 4729 4812 5282 5470 5826 5862	19 20 67 116 120 559 563 1007 1012 2773 2778 3161 3277 3524 4660 4729 4812 5282 5470 5826 5862 5988 6074	18 1 bor 47 49 4 wt 439 4 44 5 1761 5 383 116 247 1136 69 83 470 188 356 36 126	½" stream 4764' Gas - Si



New Location.

Map#12 Block#215

Philadelphia Oil Co. Company. Nora, Va. Address 450 Bise, etal Acres 126.00 Lease No. Po-305 Tract. Serial No. P-112 Well (Farm) No. 2699.32 Elevation (Spirit Level)_ Quadrangle Toms Creek, Va District Kenad County Dickenson LAND Surveyor. LAND Surveyor's Registration No. Drawing No. File No. Date 8-15-80 1"= 400' Scale

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF LABOR & INDUSTRY
DIVISION OF MINES
BIG STONE GAP

WELL LOCATION MAP

FILE NO. D1-179

Pumit N= 377

+ Denotes location of well on United States Topographic Maps, scale 1 to 24,000, latitude and longitude lines being represented by border lines as shown.

— Denotes one inch spaces on border line of original tracing.

VIRGINIA DIVISION OF MINERAL RESOURCES Box 3667, Charlottesville, VA 22903

INTERVAL SHEET

of

Well Repository No.: W- 6076

COUNTY:

Date rec'd: Date Processed: 12-30-80

Sample Interval: from 0'

to: 5980

PROPERTY: ASA Bise # P-112

Number of samples: 181

Oil or Gas: X Water:

Total Depth: 6000'

COMPANY: Philadelphia Oil Co.

Dickenson

Exploratory:

From-To	From-To	From-To	From-To	From-To
0 - 30	930 - 960	1890 - 1920	2820 _ 2850	4200 - 4230
30 - 90	960 - 990	1920 _ 1950	2850 _ 2880	4230 - 4260
90 - 120	990 _ 1020	1950 - 1980	· / -	4320 - 4350
120 - 150	1020 _ 1050	1980 - 2010	3000 _ 3030	4350 - 4380
150 - 180	-	2010 - 2040	3030 _ 3060	4380 - 4410
180 - 210	1080 - 1110	2040 - 2090	3060 - 3090	4410 - 4440
210 - 240	1110 - 1140	2090 - 2100	3090 - 3120	4440 - 4470
240 - 290	1140 - 1170	2100 - 2130	-	4470 - 4500
290 - 300	1170 - 1200	2130 - 2160	3270 _ 3300	4530 - 4560
300 - 330	1200 - 1230	2160 - 2190	3360 - 3390	4560 - 4590
330 - 360	1230 - 1260	2190 - 2220	3390 - 3420	4710 - 4740
360 - 390	1260 - 1290	2220 - 2250	3450 - 3480	4740 - 4750
390 - 420	1290 - 1320	2280 - 2310	_	4750 - 4760
420 - 450	1320 - 1350	2310 - 2340	3510 - 3540	4780 - 4790
450 - 480	-	2340 - 2370	3570 - 3600	-
480 - 510	1440 - 1470	2370 - 2400	3630 _ 3660	4810 -4820
510 - 540	1470 - 1500	2400 - 2430	3660 _ 3690	4820 -4830
540 - 590	1500 - 1530	2430 - 2460	_	4830 -4840
590 - 600	1530 - 1560	2460 - 2490	3750 -3780	4840 -4850
600 - 630	1560 - 1590	2490 - 2520	3780 -3810	4850 -4860
630 - 660	1590 -1620	2520 - 2550	3810 -3840	4860 - 4870
660 - 690	1620 -1650	2550 - 2580	3840 -3870	4870 - 4880
690 - 720	1650 - 1680	2580 - 2610	3870 -3900	4890 _ 4900
720 -750	1680 -1710	2610 - 2640	3900 -3930	4900 - 4910
750 - 780	1710 -1740	2640 - 2670	3930 - 3960	4910 - 4920
780 - 910	1740 -1770	2670 - 2700	3960 - 399 0	4920 - 4930
810 - 840	1770 -1800	2700 - 2730	3990 - 4020	4930 - 4940
840 - 870	1800 -1830	2730 - 2760	_	4940 - 4950
870 - 900	1830 -1860	2760 - 2790	4110 - 4140	4950 - 4960
900 - 930	1860 -1890	-	4140 - 4150	4960 - 4970

VIRGINIA DIVISION OF MINERAL RESOURCES Box 3667, Charlottesville, VA 22903

INTERVAL SHEET Continued

Page 2 of 2

Well Repository No.: W- 6096

From-To	From-To	From-To	From-To	From-To
4970 - 4980	5770 - 5800	1 2	_	_
4980 - 5000	5800 - 58300			_
5000 - 5010	5830 - 5860	2.5	2.4	_
5010 - 5020	5860 - 5890	_		_
5020 - 5030	5890 - 5920	-		_
3020 - 3030	3030 - 3320	-		_
5030 - 5040	5950 - 5980	_	-	-
•	-	-	-	_
5050 - 5060	_	· -	_	-
5060 - 5070	_	-		-
5070 - 5080		-	-	-
5080 - 5090	-	-	-	-
5090 - 5100	-	-	-	-
5100 - 5110		-	-	-
5110 - 5120	-	-	-	-
-	- '	-	-	-
5130 - 5140	-	-	-	-
5140 - 5150	-	-	-	- ,
5150 - 5160		-	-	-
-	-	-	-	-
5170 - 5180	-		-	-
5180 - 5190	-	-	-	-
5190 - 5200	-	-	· -	-
-	-	-	-	-
5210 - 5220		-		-
5220 - 5230	^ -	-	-	-
5230 - 5240	-	-	-	-
5240 - 5250	-	·-	-	-
5260 - 5270		- "	-	-
5270 - 5280	'a - a	-	-	
5280 - 5290	- 1 N	-	-	-
5290 - 5300	-		-	-
5300 - 5310	, 19 -	. -	, -	-
5310 - 5320	-	_	-	-
5320 - 5330	-	_	-	-
5350 - 5380	-	-	-	-
5500 - 5530		-	-	-
- ,	, -	-	-	-
5680 - 5710	-	-	-	-
5710 - 5740	-	-	-	
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