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

INTERVAL SHEET

Page 1 OI 2 Well Repository No: W-	ge 1	of 2	Well Repository No: W-48
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Date rec'd: Date Processed: 8/18/77 Sample Interval: from:0 to: 5690

PROPERTY: Nell Phipps et al No. P-38 Number of samples: 219

COMPANY: Philadelphia Oil Company Total Depth: 5752

COUNTY: Dickenson Oil or Gas:XWater: Exploratory:

From-To	From-To	From-To	From-To	
0-30	740-770	1390-1420	2140-2170	
30-60	770-800	1420-1450	2170-2200	
60-90	800-830	1450-1480	2200-2230	
90-110	830-860	1480-1510	2230-2260	
110-140	860-890	1510-1540	2260-2290	
140-170	890-920	1540-1570	2290-2320	
170-200	920-950	1570-1600	2320-2350	
200-230	950-980	1600-1630	2350-2380	
230-260	980-1010	1630-1660	2380-2410	
260-290	1010-1040	1660-1690	2410-2440	
290-320	1040-1070	1690-1720	2440-2470	
320-350	1030-1060?	1720-1750	2470-2500	
350-380	1060-1090?	1750-1780	2500-2530	
380-410	1070-1100	1780-1810	2530-2560	
410-440	1100-1130	1810-1840	2560-2590	
440-470	1090-1120	1840-1870	2590-2620	
470-500	1120-1150	1870-1900	2620-2650	
500-530	1150-1180	1900-1930	2650-2680	
530-560	1180-1210	1930-1960	2680-2710	
560-590	12.10-1240	1960-1990	2710-2740	
300 330	1210 1240	1900 1990	2/10 2/40	
590-620	1240-1270	1990-2020	2740-2770	
620-650	1270-1300	2020-2050	2770-2800	
650-680	1300-1330	2050-2080	2800-2830	
680-710	1330-1360	2080-2110	2830-2860	
710-740	1360-1390	2110-2140	2860-2890	

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

INTERVAL SHEET Continued

Well Repository No.: W- 4850

rage 2 Of 2			METT	repository no	W 4030
From-To	From-To	From-To		From-To	From-To
2890-2920	4100-4110	5640-5650		-	_
2920-2950	4110-4120	5650-5670		-	-
2950-2980	4120-4130	5670-5680		-	-
2980-3010	4130-4140	5680-5690		_	-
3010-3040	4140-4150	100 May 100 Ma		- 5	-
3040-3070	4150-4160			_	_
3070-3100	- 7	-		-	-
3100-3130	-	-		-	-
3130-3160	4180-4190	-			-
3160-3190	4190-4900	=		-	-
3190-3220	4900-4910	_		_	_
3220-3250	4910-4920	-		-	-
3250-3280	4920-4930	-		-	-
3280-3310	4930-4940	_		-	-
3310-3340	4940-4950	-		-	-
3340-3370	4950-4960	-		-	-
3370-3400	4960-4990	-)	-
3400-3430	4990-5020	_		-	
3430-3470	5020-5050	-		2 111 1	-
3470-3500	5050-5080	-		-	-
₩	5080-5110	_		_	-
3530-3560	5110-5140	_		-	_
3560-3590	5140-5170	-		-	-
3590-3620	5170-5200			_	-
3620-3650	5200-5230	-		-	-
3650-3680	5230-5260	-			2
3680-3710	5260-5290	_		-	-
3710-3740	5290-5320	-		-	=
3740-3770	5320-5350			-	-
3770-3800	5350-5380	-		-	
3800-3830	5380-5410	. =			_
3830-3860	5410-5440	-		-	-
3860-3890	5440-5470	-		-	-
3890-3920	5470-5500	-		-	-
3920-3950	5500-5530	-		-	-
3950 - 3980	5530-5560	-		-	-
3980 -4010	5560-5590	-		-	-
	5590-5620	-		-	-
-	5620-5630	-		=	-
-	5630-5640	-		-	-

OIL AND GAS WELL SUMMARY REPORT

ADT No	45-051-20198-00-03	VDMR	Well	W-4850	
AFI NO	40 001 20130 00 00	DMO File	No.	DI-120	
Operator	PHILADELPHIA OIL COMPANY	Drig 1 11c		1	
	NELL DUIDDO ET AL				
	No. P-38				
	DICKENSON Qua				,
	(UTM) N 4,102,870; E 384,370				
	d Long.)				
Elev. (sp	pecify) 2388.20' GR. TD 5752' FLOW -			DEVONIAN SHALE DEVONIAN	
Date comp	pl. or abandoned MAY 17, 1975			an years, it	
	GAS WELL				
	S				
	5616' to 5627'; 5644' to 567				
Main Prod	ductionP		771	EREA ISSISSIPPIAN	
Treatment	t: _WELL PERFORATED FORM 5616' to	5627' AN	D FROM	5644' to 5677'	
	Production				W
100000000000000000000000000000000000000	AL FLOW - 133,000 CU. FT.				
	5				E
	FW at at				1
	SW at at				
937' Plat	0' to 142'; 181' to 185'; 376' to ' to 938'; 1588' to 1589'; 1771' Plotted Completi	to 1774'; on Report			
	X Interval Sheet X			Meter 27% sampros	
	nterval 0' to 5690'				
	Remarks				
Geophysic	cal Logs S.P Res sity X Sonic Other	Gamma	<u> </u>		

	1.00	1 -90,00	Datum			
Formation	1797	Top	(Subsea)	Thick	ness	
		- (1948) 	-			
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1015.5	ARORA	in Final system	No. 2		90 BUTTON	1-
Zerus 1-9	Mary Mary	12 H	AFR ARE 3	entra co.c.		
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	Alley Grant				. 010	
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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

	dellars and hand and supply therefore as specified by
	dollars and bond and surety therefor, as specified by
Division of Mines and Quarries.	e copy to be returned to applicant after action by
TO: Division of Mines and Quarries	7 /01
Drawer V	Box 431 Prestonsburg, Kentucky 41653
Big Stone Gap, Virginia 24219	Place
big Stone Gup, Virginia 24217	December 13, 1974
	Date
Gentlemen:	
	ermit to drill, redrilkx and sependatike xuktwa) a
well for oil or gas on the Nell Phipps, etafar	
	, Virginia, having the fee title thereto, or as the
case may be, under grant or lease dated April	
et al. to Phil	adelphia Oil Company
and recorded on the 21st day of May	,19 74 in the office of the County
Clerk for the said County in Book 165 pag	e 231 .
The proposed location of the well is shown on a lo	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 13t h day of Decembe	
The proposed well will be known as Well No. P-	
(company, etc.) It is proposed to drill this well t	· · · · · · · · · · · · · · · · · · ·
	distant from the nearest property or lease line; about
	ng opening, oxquaxyx(skilsexcutxxordx notxcoplicable)
	drilling, xoboutloredx spreducing, xerxopplieds for fetrilex
awkwoxdswatappikaddakaidan gas kstrika aukwa	
	.S. Postal Money Order, in the amount of twenty-five
	ering fee fro a Permit to Drill a Well for Cil or Gas,
	a, 1950, 1954 and the 1966 Cumulative Supplement. h the provisions of Chapter 8, Title 45, Code of Vir-
	II, in the amount of \$12,600.00 is submitted here-
with of (give status of) Blanket Bond cover	
(9.00 0.00 0.7)	,
Correspondence regarding this well should be adde	ressed to Mr. Edward O. Ray. Box 431.
	Kentucky 41653
	Very truly yours,
Signature of officer or certifying party:	
Edward O. Kan	PHILADELPHIA OIL COMPANY
MANA ()	Drilling Company or Operator
Edward O. Ray	Box 431
XXXX	Street
	Prestonsburg
	City or Town
	Kentucky 41653
	State
, , , , , , , , , , , , , , , , , , ,	or the use of the Board only.
	OF MINES AND QUARRIES
Received on /2 - /6 - ,1975	
Approved and Permit (no. 198) granted o	$\sqrt{2-30-1974}$
Denied	
Reasons for denial	5.0.400.00.1.00.1.00.1.00.1.00.1.00.1.00
	DIVISION OF MINES AND QUARRIES
	By MINCHESTA STORE CIPT CON Chippe
	Title
File No. 07 - 120 Well No. P-	38 Permit No. 198

The total and the state of the

17-120

Date Received

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 ro and the 1966 Cumulative Supplement, must	copies of a plat or map, on a scale not smalle equired by Section 45.1-114, Code of Virginia be submitted to the Division of Mines and Quar defined in above law, prior to obtaining a per-	, 1950, 1954 ries, and
TO: Division of Mines and Quarries	Box 431 Prestonsburg, Kentucky 41653	
Drawer V Big Stone Gap, Virginia 24219	December 13 Date	,19_74
Gentlemen:	Dule	
et al. Farm, comprising 1423.0 Dickenson County, Virginia grant or lease dated April 9, 1974	, having the fee title thereto, or as the case m , made by Nell Phipps, et al.,	Phipps, District of
to Philadelphia Oil Co. and rec	orded on the 21st day of May	,19 74
	on the attached plat or map, is about 1.95	•
	Vakenva, Virginia miles) East of Nora, Virginia	and
Cuttings will or with the for examination by a Cuttings will or with the furnished the Sur A plat or map, in triplicate, on a scale not a cation of the well and other information, recand the 1966 Cumulative Supplement is attacked. The cation of the well and other information and the 1966 Cumulative Supplement is attacked. The cation of the well and other information of the well or deepen the aforementioned we section 45.1-114, above cited, as follows (additional space is required): 1. Miss Nell Phipps, Miss Beulah	smaller than 400 feet to the inch, showing the quired in Section 45.1-114, Code of Virginia, shed hereto. Copies of the plat and notice of ivell have been sent to all interested persons as a list names and mail address of each. Use back Phipps and Mrs. Jettie Phipps Dalt	oroposed lo- 1950, 1954 Intention to equired by of sheet if
Clintwood, Virginia 24228 (C	oal Owners) x 2126, Pikeville, Kentucky 41501	
4. (Coal Lessee)	x 2120, FixeVille, Relitatory 41301	
5		
5		
Signature of afficer presentifying party:	Very truly yours, PHILADELPHIA OIL COMPANY Drilling Company or C perato	Ar.
Monte V. Nay	Box 431	4
Edward O. Ray	Street Address Prestonsburg, Kentucky 41653	
	City or Town and State	ie .

P-38

			le:					
DM Form 7		C	**					
(To be filled in by Division of Mines)		Commonwealti MENT OF LAI				Divisio	e filled i	ines)
DICKENSON		DIVISION (1 No	P	38
ERVINTON		BIG STONE GA		il Bin T		mit No		
District		DEEPI	ENED			ce No		
NORA	OIL AND	GAS WELL CO ABANDO	OMPLETION	N REPOR	T	ation Plat		
DI-120					Loc	ation Flat		
File	be submitte abandonmer	port and a copy of d to the Division of nt or completion of de of Virginia, 1950	of Mines within well, as require	30 days after				
Company Philadelphia O	il Company		Address	P. O. Bo	x 313			
N-11 DI				Nora, Vi	rginia	24272		
Farm Nell Phipps, et County Dickenson	t ai		Acres	1423.00		-		
Well No. (Company) P-38	8			Ervinton (ground su		2388.2	0.	ft
Charles Court State Court		n, depote, dutes						
Location: (Give direction and nates shown on locat graphic map of area.)	tion plat or ma	p previously file	mile from tw	ivision of	Mines or	shown o	nts or on quad	map coordi- rangle topo-
400 feet s	Southeast	of	Lambert	Cemeter	У	TITLE		and
	Southwest	0.5	Sutherl	and Ceme	terv			
XXXXX		OI		and beine	LCLY			
Surface of tract is owned in fee s	simple by	Alger Phip		24.220				
Address		Clintwood,	, Virginia	24228				
Min 1 1-1-4 1 1		Nell Phinr	or of al					
Mineral rights are owned by Address		Nell Phipp Clintwood,		24228		100		
Address Location made by Mr. B. C. Drilling commenced May 4	. Spradlin , 1975		Virginia Drilling cont	ractor Uni	on Dri	lling,	Incorp	porated
Address Location made by Mr. B. C. Drilling commenced May 4 Drilling completed May 17	. Spradlin , 1975 , 1975	Clintwood,	Drilling cont Address P.	ractor <u>Uni</u> O. Drawe	r 40,	Buckhan	Incorp	porated N.Va. 262
Address Location made by Mr. B. C. Drilling commenced May 4 Drilling completed May 17 Well completed as gas oil well completed well abandoned at	. Spradlin , 1975 , 1975 onfeet o	Clintwood,	Virginia Drilling cont Address P.	ractor <u>Uni</u> O. Drawe	Reason _	Buckhan	non, I	N.Va. 262
Address Location made by Mr. B. C. Drilling commenced May 4 Drilling completed May 17 Well completed as gas oil well completed well abandoned at	. Spradlin , 1975 , 1975 onfeet o	Clintwood,	Virginia Drilling cont Address P.	ractor <u>Uni</u> O. Drawe	Reason _	Buckhan	non, I	N.Va. 262
Address Location made by Mr. B. C. Drilling commenced May 4 Drilling completed May 17 Well completed as gas oil well of Well abandoned at Well plugged on Total depth 5752	. Spradlin , 1975 , 1975 on feet o	n, 19	Drilling control Address P. Affidavit filed Steel line me	ractor <u>Uni</u> O. Drawe : F	er 40,	Buckhan	non, I	N.Va. 262
Address Location made by Mr. B. C. Drilling commenced May 4 Drilling completed May 17 Well completed as gas oil well completed at Well abandoned at Well plugged on Total depth 5752 Commenced producing on no	. Spradlin , 1975 , 1975 on feet o	n, 19	Drilling control Address P. Affidavit filed Steel line me	ractor <u>Uni</u> O. Drawe : F	er 40,	Buckhan	non, I	N.Va. 262
Address Location made by Mr. B. C. Drilling commenced May 4 Drilling completed May 17 Well completed as gas oil well of Well abandoned at Well plugged on Total depth 5752 Commenced producing on no	Spradlin , 1975 , 1975 on feet o	Clintwood,	Affidavit filed Steel line me	ractor <u>Uni</u> O. Drawe : F l asurement	er 40,	Buckhan	non, I	N.Va. 262
Address Location made by Mr. B. C. Drilling commenced May 4 Drilling completed May 17 Well completed as gas oil well of well abandoned at Well plugged on Total depth 5752 Commenced producing on no	Spradlin , 1975 , 1975 on feet o	n, 19feet. to pipeline	Orilling control Address P. Affidavit filed Steel line means system, 1	ractor Uni O. Drawe : Fil asurement 9	Reason _	Buckhan - Ibs.	non, I	N.Va. 262
Address Location made by Mr. B. C. Drilling commenced May 4. Drilling completed May 17. Well completed as gas oil well of well abandoned at Well plugged on Total depth 5752. Commenced producing on no Oil Well Initial production, oil: 1st 24 hours.	Spradlin , 1975 , 1975 on feet o	Clintwood,	Affidavit filed Steel line me system, 1	ractor Uni O. Drawe : For a surement 19	Reason _	Buckhan lbs. qts.	non, I	N.Va. 262
Address Location made by Mr. B. C. Drilling commenced May 4. Drilling completed May 17. Well completed as gas oil well of well abandoned at Well plugged on Total depth 5752. Commenced producing on no Oil Well Initial production, oil: 1st 24 hours.	Spradlin , 1975 , 1975 on feet o	Clintwood,	Affidavit filed Steel line me system, 1	ractor Uni O. Drawe : For a surement 19	Reason _	Buckhan - Ibs.	non, I	N.Va. 262
Address Location made by Mr. B. C. Drilling commenced May 4 Drilling completed May 17 Well completed as gas oil well of well abandoned at Well plugged on Total depth 5752 Commenced producing on not Oil Well Initial production, oil: 1st 24 hours	Spradlin , 1975 , 1975 on feet o (KB) ot connected ours from	clintwood,	Drilling control Address P. Affidavit filed Steel line me system, 1 bbls.; 2 feet with	ractor Uni O. Drawe : Fil assurement 9 nd 24 hours	Reason _	Buckhan lbs. qts. lbs. qts.	non, V	.Va. 262, 19
Address	Spradlin , 1975 , 1975 on feet o ' (KB) ot connected ours from from bbls.; 2nd	clintwood, n, 19	Drilling control Address P. Affidavit filed Steel line me system, 1 bbls.; 2 feet with	ractor Uni O. Drawe : Fil assurement 9 nd 24 hours	Reason _	Buckhan lbs. qts. lbs. qts.	non, V	, 19
Address Location made by Mr. B. C. Drilling commenced May 4. Drilling completed May 17. Well completed as gas oil well of well abandoned at Well plugged on Total depth 5752. Commenced producing on not of the After shot on After shot on Settled production.	. Spradlin , 1975 , 1975 on feet o ' (KB) ot connected ours from from bbls.; 2nd	feet to feet feet to feet feet feet feet feet feet fee	Drilling control Address P. Affidavit filed Steel line me system, 1 bbls.; 2 feet with	ractor Uni O. Drawe : Fil assurement 9 nd 24 hours	Reason _	Buckhan lbs. qts. lbs. qts.	non, V	, 19
Address	. Spradlin , 1975 , 1975 on feet o ' (KB) ot connected ours from from feet to feet to	clintwood, on, 19 feet. to pipeline feet to feet to d 24 hours bbls. per	Affidavit filed Steel line me system, 1 bbls.; 2 feet with a day after pro-	ractor Uni O. Drawe : Fil assurement 9 nd 24 hours 1 oducing s at (1)	Reason _	lbs. qts. lbs. qts.	non, I	w.Va. 262
Address	. Spradlin , 1975 , 1975 on feet o ' (KB) ot connected ours from from feet to feet to	clintwood, on, 19 feet. to pipeline feet to feet to d 24 hours bbls. per	Affidavit filed Steel line me system, 1 bbls.; 2 feet with a day after pro-	ractor Uni O. Drawe : Fil assurement 9 nd 24 hours 1 oducing s at (1)	Reason _	Buckhan lbs. qts. lbs. qts.	o	
Address	Spradlin , 1975 , 1975 on feet o ' (KB) ot connected ours from from bbls.; 2nd feet to feet to feet to feet to	feet to feet	Drilling control Address P. Affidavit filed Steel line me system, 1 bbls.; 2 feet with day after pro Oil show	ractor Uni O. Drawe : Fil assurement 9 nd 24 hours 1 oducing s at (1)	Reason _	lbs. qts. lbs. qts.	o	
Address	Spradlin , 1975 , 1975 on feet o ' (KB) ot connected ours from from feet to	feet to	Drilling control Address P. Affidavit filed Steel line me system, 1 bbls.; 2 feet with day after pro Oil show	ractor Uni O. Drawe : Following assurement 9 and 24 hours 1 ——— oducing —— oducing — (2) — (3) — (4) —	Reason _	lbs. qts. lbs. qts	o	
Address Location made by Mr. B. C. Drilling commenced May 4 Drilling completed May 17 Well completed as gas oil well of well abandoned at Well plugged on Total depth 5752 Commenced producing on not of the May 17 Oil Well Initial production, oil: 1st 24 hours After shot on Settled production Gravity and grade of oil Oil pays at (1) (2) (3) (4) Main production at	Spradlin 1975 197	feet to	Drilling control Address P. Affidavit filed Steel line means system, 1 bbls.; 2 feet with feet with day after pro-	ractor Uni O. Drawe : H assurement 9 nd 24 hours 1 oducing coducing (2) (3) (4) (5)	Reason _	lbs. qts. lbs. qts	o	
Address	spradlin 1975 1975 on feet o (KB) ot connected ours from from feet to	feet to feet. feet to feet. feet to feet. feet to feet. 133 MCF	Drilling control Address P. Affidavit filed Steel line means system, 1 bbls.; 2 feet with feet with day after pro-	ractor Uni O. Drawe : H assurement 9 nd 24 hours 1 oducing coducing (2) (3) (4) (5)	Reason _	lbs. qts. lbs. qts	o	
Address Location made by Mr. B. C. Drilling commenced May 4. May 17. Well completed as oil well of well abandoned at Well plugged on Total depth 5752. Commenced producing on no Oil Well Initial production, oil: 1st 24 ho After shot on After shot on Settled production Settled production Gravity and grade of oil Oil pays at (1) (2) (3) (4) (4) Main production at Gas Well Final open flow gas: 6 hr	feet o feet to	feet to	Drilling control Address P. Affidavit filed Steel line means system, 1 bbls.; 2 feet with day after pro- Oil show	: Following	Reason	lbs. qts. lbs. qts feet to feet to feet to feet to the feet to	o	
Address Location made by Mr. B. C. Drilling commenced May 4. May 17. Well completed as gas oil well of well abandoned at Well plugged on Total depth 5752. Commenced producing on not of the shot on After shot on Settled production Gravity and grade of oil Oil pays at (1) (2) (3) (4) Main production at Gas Well Final open flot Initial open flow, gas: Volume	feet to	feet to	Affidavit filed Steel line me system, 1 bbls.; 2 feet with feet with day after pro-	ractor Uni O. Drawe : H assurement 9 and 24 hours 1 oducing (2) - (3) - (4) - (5) - 10	Reason	lbs. qts. lbs. qts. lbs. qts. Water in Mercury	o	
Address Location made by Mr. B. C. Drilling commenced May 4. May 17. Well completed as oil well of well abandoned at Well plugged on Total depth 5752. Commenced producing on no Oil Well Initial production, oil: 1st 24 ho After shot on After shot on Settled production Settled production Gravity and grade of oil Oil pays at (1) (2) (3) (4) (4) Main production at Gas Well Final open flow gas: 6 hr	feet to	feet to	Affidavit filed Steel line me system, 1 bbls.; 2 feet with feet with day after pro-	ractor Uni O. Drawe : H assurement 9 and 24 hours 1 oducing (2) - (3) - (4) - (5) - 10	Reason	lbs. qts. lbs. qts. lbs. qts. Water in Mercury lbs.	o	
Address Location made by Mr. B. C. Drilling commenced May 4. May 17. Well completed as gas oil well of well abandoned at Well plugged on Total depth 5752. Commenced producing on not of the shot on After shot on Settled production Gravity and grade of oil Oil pays at (1) (2) (3) (4) Main production at Gas Well Final open flot Initial open flow, gas: Volume	spradlin 1975 1975 feet o (KB) ot connected ours from feet to from	feet to	Drilling control Address P. Affidavit filed Steel line me system, 1 bbls.; 2 feet with day after pro- Oil show	ractor Uni O. Drawe : H assurement 9 nd 24 hours 1 oducing (2) - (3) - (4) - (5) - 10	Reason	lbs feet to	o	

Settled prod	uction	,	cu. ft pe	r day after produci	ng		week
Gas pays at	$(1) _{56}$	15 feet to5	627feet.	Gas shows at (1)		feet to	feet
	(2) - 564	15 feet to 5 14 feet to 5	677 feet.	(2)		feet to	feet
		feet to					
100 489	(4)	feet to	feet.				
Main produc		feet to					
Encel water	-+ (1)	- Fin Herrigh	CDM (2)	russed	CDM (2)	Sauce in the	ana
Salt water a	at (1)	feet, feet; (2)	GPM; (2)	teet,	GPM; (3) _	teet, _	GPM
Coal from Se	ee Electr	Logs inches	to feet;	inches from	et; (4)	ieet.	lane to
feet	:	nches; from	feet i	nches to	foot	inches	nes to
Well acidized	d from	feet to	feet with	(quanti	ty) of	acid.	
	from	feet to	feet with	(quanti	ty) of	acid.	
	from	feet to	feet with	(quanti	ty) of	acid.	
Remarks: _		icci to		(quanti		aciu.	
				nie mei lesandus			
		DS 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ea assignment of the				
		A. v. v. v. V					
		Casing and Tubing			PAC	KERS	
Size	USED IN	LEFT IN	PERFORATE	ED KIND	Size		SET AT
	DRILLING	WELL			and the state of the		
(inch)	(feet)	(feet)	(feet) to (fe	et)			
11 3/4	13	13					
8 5/8	2711	2711					
4 1/2	5732	5732					
			5615-5627				
2 3/8	5606	5606	5644-5677				
2 3/8	5626	5626					
					· T.		
					Lī	NERS	
				Size	USED IN	LEFT IN	PERFORATED
					DRILLING	WELL	
				(inch)	(ft.)	(ft.)	(ft. to ft.)
							-
							-
		0.5/0	0711			1 1075	-
Casing (Cemented: .		n feet			1, 1975	
	orginari	4 1/2 inch. from				7, 1975	
		inch, fron	n feet	to I)ate		
Remarks (Shut down	depths, dates; fishing	iohs denths dates	· caving · other note	2)		
remarks. (L	Jilde down,	deptils, dates, fishing	Jobs, depths, dates	, caving, other note			
				•			
							(37.)
Samples or o	cuttings wil	l be available for exan	nination by a memb	per of the Virginia C	eological Surve	ey	(Yes)
Will be furn	ished the V	irginia Geological Sur	vev upon request	(Yes) if sacks for	same are fu	
					, if sacks for	Same are in	Thistied by the
Survey				Yes) Xxx			
		36	,	28114			
		or not made		Table Call	1b		
	ed herewitl	or will	be submitted on o	1 1/1	ly submitte		, 19
Depths	mma-Dens	tx			ia Oil Comp	any	
	mperatur			Prestonshu	rg, Kentuck	v //6152	
16	mperacur.		No electrical	rrestonsou	kentuck	у 46153	
The operate	r requests t	hat information given	horoin and loss as	loge be leastC1	antial for	riod of	atre de C
					ential for a pe	nou or nine	ery days after
completion o	the well c	overed by this report _		Yes) No)			

		P-38
Well	No.	

		0 =	170
File	No.	DI-	120

	- 07	
	198	
Permit No	0 -1 -1	
Letinic No	, , ,	

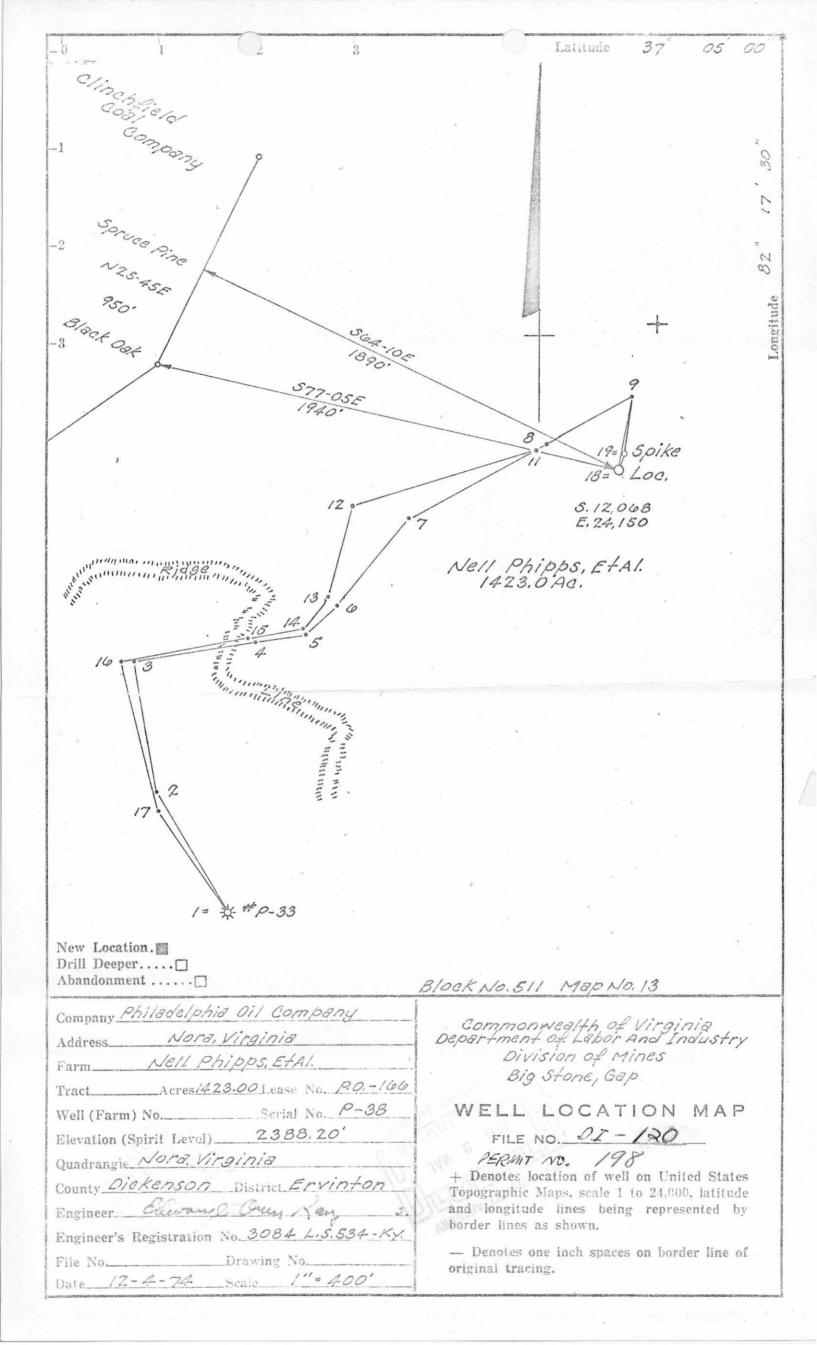
LOG

Furnished by _____ Date _____
Compiled by _E. R. Minns __ Date ____9-30-75

Sample No.	FORMATION	Color	HARD OR SOFT	Top (feet)	Bottom (feet)	THICKNESS (feet)	REMARKS OIL, GAS, WATER DEPTH SHUT DOWN FISHING, ETC.
	Shale			0	17	17	
	Sand			17	140	123	
	Coal			140	142	2	
	Sand & Shale	3 40		142	181	39	
	Coa1			181	185	4	
	Sand			185	282	97	
	Sand & Shale			282	348	66	
	Shale			348	376	28	
	Coa1			376	377	1	
	Sand & Shale			377	409	32	
	Sand			409	457	47	
	Coa1			457	460	3	
	Sand			460	502	42	
	Sand & Shale			502	528	26	
	Coal			528	530	2	
	Sand			530	572	42	
	Coal			572	576	4	
	Sand	n		576	623	47	
	Sand &Shale			623	746	123	
	Sand	ron votale		746	837	91	
	Shale			837	859	22	
	Sand & Shale			859	937	78	
	Coal			937	938	1	
	Sand & Shale			938	1052	114	
	Sand			1052	1102	50	
	Sand & Shale			1102	1223	121	
	Sand	9.		1223	1267	44	
	Sha1e			1267	1304	37	
	Sand			1304	1323	19	
	Shale			1323	1387	64	
	Sand & Shale			1387	1470	83	
	Sand			1470	1563		
	Sand & Shale			1563	1588	93 25	
	Coal			1588	1589	1	
	Sand			1589	1690	101	
	Sand & Shale			1690	1771	101	
	Coal			1771	1774	3	
	Sand			1774	1857	83	
	Sand & Shale			1857	1947	90	
	Sand			1947	1976	29	
	Shale			1976	1986		
	Coal			1986	1988	10 2	
	Shale & Sand			1988	2008	20	
	Coall			2008	2010	20	
	Sand & Shale			2010	2125	115	
	Sand	>		2125	2123	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	Coal			2196	2198	71 2	
	Sand & Shale			2198	2320	122	
	Sand			2320	2408	88	
	Sha1e			2408	2408		
	Sand & Shale		. *	2421	the state of the s	13	
	bana a bhaie	1		2421	2492	71	
	Sand			2492	2538	46	

15000		o lass sales in		
Sand		2032	2004	32
Sand & Shale		2664	2684	20
Sand		2684	2736	52
Sand & Shale		2736	2750	14
Sandy Shale		2750	2774	24
Sand & Shale		2774	2793	19
Red Rock		2793	2815	22
Sand & Shale		2815	2984	169
Sand		2984	3024	40
Sand & Shale		3025	3286	261
Sand		3286	3343	57
Sand & Shale		3343	3457	114
Sand		1		The second secon
		3457	3510	53
Sand & Shale		3510	3545	35
Sand		3545	3630	85
Sand & Shale		3630	3733	103
Sand		3733	3766	33
Sand & Shale		3766	3830	64
Sand		3830	3930	100
Sand & Shale		3930	4025	95
Sand		4025	4050	25
Sand & Shale		4050	4357	307
Shale		4357	4415	38
Big Lime		4415	4943	528
Injun Sand				
Weir Shells		4943	5027	84
		5027	5140	113
Sand & Shale		5140	5250	110
Shale		5250	5483	233
Coffee Shale		5483	5605	122
		FCOF	5685	80
Berea		5605		00
Berea Shale		5685	5750	65
		5685	5750	N 1.53554
Shale			5750	N 1.53554
Shale	1	5685	5750	N 1.53554
Shale		5685	5750	N 1.53554
Shale Total Depth	R'S LOG ADJUSTED	5685 5750		N 1.53554
Shale Total Depth	R'S LOG ADJUSTED	5685 5750		N 1.53554
Shale Total Depth	R'S LOG ADJUSTED	5685 5750		N 1.53554
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Shale Total Depth NOTE: DRILLE	R'S LOG ADJUSTED	5685 5750	LOGS	N 1.53554
Shale Total Depth NOTE: DRILLE	R'S LOG ADJUSTED	5685 5750 TO ELECTRIC	LOGS	N 1.53554
Shale Total Depth NOTE: DRILLE	R'S LOG ADJUSTED	5685 5750	LOGS	N 1.53554
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Shale Total Depth NOTE: DRILLE	R'S LOG ADJUSTED	5685 5750 TO ELECTRIC	LOGS	N 1.53554
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Shale Total Depth NOTE: DRILLE	R'S LOG ADJUSTED	5685 5750 TO ELECTRIC	LOGS	N 1.53554
Shale Total Depth NOTE: DRILLE	R'S LOG ADJUSTED	5685 5750 TO ELECTRIC	LOGS	65
Shale Total Depth NOTE: DRILLE	R'S LOG ADJUSTED	5685 5750 TO ELECTRIC	LOGS	65
Shale Total Depth NOTE: DRILLE	R'S LOG ADJUSTED	5685 5750 TO ELECTRIC	LOGS	65
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Shale Total Depth NOTE: DRILLE		5685 5750 TO ELECTRIC	LOGS	65
Shale Total Depth NOTE: DRILLE		5685 5750 TO ELECTRIC	LOGS	65
Shale Total Depth NOTE: DRILLE		5685 5750 TO ELECTRIC	LOGS	65

THIS FORM MUST BE SIGNED BY AUTHORIZED PERSON:



DM Form 7	Permit .		- 101	- File			
(To be filled in by Division of Mines)	DEDADT	COMMONWEALTH MENT OF LAB		MICTRA		filled in l	
DICKENSON	DEPARI	DIVISION O	U.I		Well No	P-3	
ERMNTON		BIG STONE GAI	and it suggests to the manufacture		Permit No	190	P
District NORA	OIL ANI	DEEPE D GAS WELL CO ABANDON	MPLETION I	REPORT	Office No		
0.I-120		ABANDOI	VIVII I		Location Plat .		
FARTHACL REFARM APPOCL TURNS AP	be submit abandonm	report and a copy of of ted to the Division of ent or completion of ode of Virginia, 1950.	Mines within 30 o well, as required b	days after			
Company Philadelphia Oil	Company	100	Address P.	0. Box 3	13 nia 24272		
Farm Nell Phipps, et	al al	0040		23.00	118 242/2		
County Dickenson	181	142	District Er		1 8000		
Well No. (Company)P-38	- E86	181	Elevation (gr	round surface	2388.20		ft
Location: (Give direction and dinates shown on location graphic map of area.) 400 feet Se	stance in feet on plat or m	ap previously filed	nile from two (I with the Divis Lambert C	sion of Mines	reference points or shown on	ts or map quadran	gle topo
amilesx	uthwest				TeoD		and
ARHESK	602	16.003	Sutherlan	d Cemetery	HANNEY TO		
Surface of tract is owned in fee sin	nple by	Alger Phipp Clintwood,		4228	1200		,
Mineral rights are owned by	27.0	Nell Phipps	, et al		thirtie-		
Address		Clintwood,	Virginia 2	4228	hass.		
Location made by Mr. B. C.	1975	£50 .	D 1111	Union T	ediling T	202202	atad
Orilling commenced May 4, Orilling completed May 17,	1075	081	Orilling contract	Or Union D	Paralle and	ncorpor	aced
				shale Shale	Sand S Sand S		
Well abandoned at	feet	820		: Reason	Sand Sond Sond Sand Sand Sand Sand Sand		, 19
Well abandoned at	(KB)	on, 19 /	Affidavit filed Steel line measu	: Reason	- DAING		. 19 feet
Well abandoned at	(KB)	on, 19 4 feet. S	Affidavit filed — Steel line measur system , 19—	: Reason	brigg brigg brigg brigg		. 19 feet
Well abandoned at	(KB)	on, 19 4 feet. S	Affidavit filed — Steel line measur system , 19—	: Reason	bone bone aledia		. 19 feet
Well abandoned at	(KB) connected	on, 19 / feet. S	Affidavit filed Steel line measur system, 19 bbls.; 2nd 2	: Reason	bine bine bine		. 19 feet
Well abandoned at	(KB) connected	on, 19 / feet. S	Affidavit filed Steel line measur system, 19 bbls.; 2nd 2	: Reason	lbs.		feet bbls
Well abandoned at Well plugged on Total depth Commenced producing on not Dil Well Initial production, oil: 1st 24 hour After shot on	feet (KB) connected s from	on	Affidavit filed Steel line measur system, 19 bbls.; 2nd 2 feet with	: Reason	lbs. qts. lbs. qts.		bbls
Well abandoned at	feet (KB) connected s from from bbls.; 2n	on feet. S d to pipeline feet to feet to d 24 hours bbls. per c	Affidavit filed Steel line measures system, 19 bbls.; 2nd 2 bbls.; 2nd 2 feet with feet with	: Reason	lbs. qts. lbs. qts.		bbls days
Well abandoned at Well plugged on Fotal depth Commenced producing on not Dil Well Initial production, oil: 1st 24 hour After shot on Ist 24 hours Settled production	feet (KB) connected s from from bbls.; 2n	on feet. S d to pipeline feet to feet to d 24 hours bbls. per c	Affidavit filed Steel line measures system, 19 bbls.; 2nd 2 bbls.; 2nd 2 feet with feet with	: Reason	lbs. qts. lbs. qts.		bbls bbls bbls days week
Well abandoned at Well plugged on Fotal depth	feet (KB) connected s from from bbls.; 2n	on	Affidavit filed Steel line measures system, 19 bbls.; 2nd 2 bbls.; 2nd 2 feet with feet with	: Reason	lbs. qts. lbs. qts.	746	bbls days week
Well abandoned at	feet (KB) connected s from from bbls.; 2n feet to feet to	feet to feet to feet to feet to	Affidavit filed Steel line measures system, 19 bbls.; 2nd 2 bbls.; 2nd 2 feet with feet with	: Reason	lbs. qts. lbs. qts.		bbls bbls days week feet
Well abandoned at Well plugged on Total depth 5752. Commenced producing on not Dil Well Initial production, oil: 1st 24 hour After shot on 1 Ist 24 hours 5752. Gravity and grade of oil 5752. Cil pays at (1) (2) (3)	feet (KB) connected s from from bbls.; 2n feet to feet to feet to	feet. S feet. S feet to feet to feet to feet. S feet. feet. feet. feet. feet.	Affidavit filed Steel line measures system, 19 bbls.; 2nd 2 bbls.; 2nd 2 feet with feet with	: Reason rement 24 hours cing (1) (2) (3)	lbs. qts. lbs. qts. feet to feet to feet to	7.5	bbls days week feet feet feet
Well abandoned at	feet (KB) connected s from from bbls.; 2n feet to feet to feet to feet to feet to	feet. S feet. S feet. S feet to feet to feet to feet. feet. feet. feet. feet. feet.	Affidavit filed Steel line measures system, 19 bbls.; 2nd 2 bbls.; 2nd 2 feet with feet with	: Reason rement 24 hours cing (1) (2) (3) (4)	lbs. qts. lbs. qts.	7.5	bbls days week feet feet feet
Well abandoned at	feet (KB) connected s from from from feet to feet feet feet feet feet feet fee	feet. S d to pipeline feet to feet. feet. feet. feet. feet. feet. feet. feet.	Affidavit filed Steel line measur system, 19 bbls.; 2nd 2 feet with day after produc	: Reason rement 24 hours cing (2) (3) (4) (5)	lbs. qts. lbs. qts. feet to fe	700 THE	bbls bbls days week feet feet feet feet
Well abandoned at	feet (KB) connected s from from bbls.; 2n feet to	feet. S d to pipeline feet to feet.	Affidavit filed Steel line measur system, 19 bbls.; 2nd 2 feet with day after produc Oil shows at	: Reason rement 24 hours :ing :(1) (2) (3) (4) (5) /10t	lbs. qts. lbs. qts.	100 mm	bbls bbls bbls days week feet feet feet feet
Well abandoned at Well plugged on Fotal depth	feet (KB) connected s from from bbls.; 2n feet to feet to feet to feet to feet to check to check to check to check to check to check to	feet. S feet to feet. foet. feet. foet. foet. foet. foet. foet. foet. foet.	Affidavit filed Steel line measur system, 19 bbls.; 2nd 2 feet with day after produc	: Reason rement 24 hours :ing :(1) (2) (3) (4) (5) /10t	lbs. qts. lbs. qts.	100 mm	bbls bbls bbls days week feet feet feet feet
Well abandoned at	feet (KB) connected s from from from feet to feet form from	feet. S feet to feet to feet to feet to feet to feet to feet.	Affidavit filed Steel line measur system, 19 bbls.; 2nd 2 feet with day after produce Oil shows at	: Reason rement 24 hours : (1) (2) (3) (4) (5)/10tl	lbs. qts. lbs. lbs. lbs. lbs. lbs. lbs. lbs. lb	100 mm	bbls days week feet feet feet feet inch
Well abandoned at	feet (KB) connected s from from from feet to feet form from	feet. S feet to feet to feet to feet to feet to feet to feet.	Affidavit filed Steel line measur system, 19 bbls.; 2nd 2 feet with day after produce Oil shows at	: Reason rement 24 hours : (1) (2) (3) (4) (5)/10tl	lbs. qts. lbs. qts. lbs. qts. lbs. qts. lbs. qts. lbs. qts. lbs. lbs. lbs. lbs. lbs. lbs.	100 mm	bbls days week feet feet feet feet inch
Well abandoned at Well plugged on Fotal depth	feet (KB) connected s from from from feet to feet to feet to feet to feet to feet to from	feet. S feet to feet to feet to feet to feet to feet to feet.	Affidavit filed Steel line measur system, 19 bbls.; 2nd 2 feet with day after produc Oil shows at aged feet with	: Reason rement 24 hours cing (2) (3) (4) (5)/10tl	lbs. qts. lbs. qts. lbs. qts. lbs. gts. lbs. gts. lbs. gts. lbs. gts. lbs. qts. lbs. qts. lbs. qts. lbs. qts. lbs. qts.		bbls bbls days week feet feet feet inch
Well abandoned at Well plugged on Fotal depth	feet (KB) connected s from from = bbls.; 2r feet to feet to feet to feet to feet to feet to from	feet. S feet to feet to feet to feet to feet to feet.	Affidavit filed Steel line measur system, 19 bbls.; 2nd 2 feet with day after produc Oil shows at aged feet with feet with 2nd 24 hours	: Reason rement 24 hours cing (2) (3) (4) (5)/10tl	lbs. qts. lbs. qts. lbs. qts. lbs. feet to fee	100	bbls bbls bbls days week feet feet feet inch
Well abandoned at Well plugged on Fotal depth	feet (KB) connected s from from bbls.; 2n feet to feet to feet to feet to feet to feet to from from from from	feet. S feet to feet to feet to feet to feet to feet.	Affidavit filed Steel line measur system, 19 bbls.; 2nd 2 feet with day after produc Oil shows at aged feet with feet with 2nd 24 hours	: Reason rement 24 hours cing (2) (3) (4) (5)/10tl	lbs. qts. lbs. qts. lbs. qts. lbs. feet to fee	100	bbls bbls bbls days week feet feet feet feet feet cu fr
Well abandoned at Well plugged on Total depth	feet (KB) connected s from from bbls.; 2n feet to feet to feet to feet to feet to feet to from from from from	feet to	Affidavit filed Steel line measur system, 19 bbls.; 2nd 2 feet with day after produce Oil shows at feet with	: Reason rement 24 hours cing (1) (2) (3) (4) (5) /10t/10tl hours oducing	lbs. qts. lbs. qts. lbs. qts. lbs. gts. lbs. gts. lbs. gts. lbs. gts. lbs. gts. lbs. qts. lbs. lbs. qts. lbs. lbs. qts. lbs. lbs. qts. lbs. qts. lbs. lbs. lbs. lbs. lbs. lbs. lbs. lb		bbls bbls bbls bbls days week feet feet feet feet days cu ft days week
Well abandoned at Well plugged on Total depth	feet (KB) connected s from from feet to feet to feet to feet to feet to from from from from from	feet to	Affidavit filed Steel line measur system, 19 bbls.; 2nd 2 feet with day after produce Oil shows at Gaged feet with 2nd 24 hours er day after pro Gas shows at	: Reason rement 24 hours cing (1) (2) (3) (4) (5) /10t/10tl hours oducing (1) (1)	lbs. qts. lbs. qts. lbs. qts. lbs. feet to fee		bbls bbls bbls bbls days week feet feet feet feet days week feet feet
Well plugged on	feet (KB) connected s from from bbls.; 2n feet to feet to feet to feet to feet to feet to from from from from	feet to	Affidavit filed Steel line measur system, 19 bbls.; 2nd 2 feet with day after produce Oil shows at Gaged feet with 2nd 24 hours er day after pro Gas shows at	: Reason rement 24 hours :ing : (1) (2) (3) (4) (5) /10t _/10tl hours oducing (1) (2) (3) (1) (2) (3)	lbs. qts. lbs. qts. lbs. qts. lbs. feet to fee	- 1bs.	bbls bbls bbls days weeks feet feet feet feet feet feet feet fee
Well abandoned at	feet (KB) connected from from from feet to from from from from from feet to	feet. S feet. S feet to feet to feet to feet to feet.	Affidavit filed Steel line measur system, 19 bbls.; 2nd 2 feet with day after produce Oil shows at aged feet with aged feet with er day after produce Gas shows at	: Reason rement 24 hours : (1) (2) (3) (4) /10tl hours oducing (1) (2) (3) (4) (5) (10tl) hours oducing (1) (2) (3) (4) (4) (4) (5) hours oducing (1) (2) (3) (4) (4) (4) (4) (5)	lbs. qts. lbs. qts. lbs. qts. lbs. feet to fee	1bs.	bbls bbls bbls bbls days week feet feet feet feet feet feet feet f

_ feet; (3) _

Salt water at (1) _

feet; (2)

_ feet.

feet; (4) _

Well No	P-38
	(To be filled in by Division of Mines

DIVISION OF MINES

Furnished by ______ Date _____

Compiled by E. R. Minns Date 9-30-75

Sample No.	FORMATION 1801	Color	Hard or Soft	Top (feet)	BOTTOM (feet)	THICKNESS (feet)	REMARKS OIL, GAS, WATER DEPTHS SHUT DOWN FISHING, ETC.
		ress P. n.	1.A	0	17	110171001	ompany Philade
		Sexult.		17	140	123	
		.EEDI	eX-	140	142	2 2	arm Hed Pi
	Sand & Shale		dCI	142	181	_	comy Pickers
	Coal (confirme)		sŒ.	181	185	88-4	Vell No. (Company
	Sand S Shale		5	185	282	97	ocation: (Give dire
points or map coordi- a on quadrangle topo-					348 376		worls estan
	Coal		man nam de	376	376 377		graphic ma
	Sand & Shale			377	409	00	
	Sand		p.I 1c	409	457	47 manimum	00.0
	Cost			457	460	2	22.00
	Sand		98 fo	460	502	42	23.50
	Sand & Shale		Phipps	502	528	26	
	Coal		griv., boos	528	530	2 77 1001	urface of truct is own
	Sand		19 800 1115	E 20	572	42	
	Coal		cody , been	572	576	4	tineral rigius are on
	Sand			576	623	47	ocation made by
facosporated.	Sand &Shale		Drilling	623	746	123	Drilling commenced
ennon, W.Va. 2620	Sand	10 .0 .1	onlibA L	746	837	91	Orilling completed _
	Share			837	859	22	
	Sand & Shale Coal			859	937	78 and	Vell completed as
	Sand & Shale			937	938		
	Sand Snale			938	1052 1102	114 50	Vell abandoned or _
	Sand & Shale		abiftlA	1102	1223	121	11 (230 125
	Sand		feet. Steel I	1223	1267	44	16 1700-120
	Shale		dove entli	1267	1304	30	emmenced produci
	Sand			1304	1323	19	0.100.00
	Shala			1323	1387	61.	HeW IIC
	Sand & Shale			1387	1470	83	to unitable of history of
	Sand		i ot	1470	1563	93	Viter shot on
	Sand & Shale			1563	1588	25	
	Coal		d or	1588	1589	1	ther shot on
	Sand			1589	1690	101	
	Sand & Shale			1690	1771	101	lst 24 hodes
	Coal Sand		e vels ann s	1771	1774	3	L naitaubaya belmis
	Sand & Shale			1774 1857	1857 1947	83 90	
	Sand			1947	1976	29	icavity and greak of
.toef feet.	Shale		Livet. Oil	1976	1986	10	(1) is real RC
	Coal WC		.159t ₋	1986	1988	2	(2)
	Shale & Sand		.1991 _	1988	2008	20	(8) (b)
2010 feet.	Coall Be		Li feet. Lifeet.	2008	2010	2	Main production at
	Sand & Shale			2010	2125	115	- and the state of the state of
	Sand addition		begsO	2125	2196	wo 71 mago	Gas Well - Final
alani in gr	Coal Lh			2196	2198		(nitial open flow, gas
	Sand & Shale				2320	122	Valense
	Sand		1 nt	2320	2408	88	After shot on
	Shale			2408	2421	13	
	Sand & Shale) of	2421	2492	71	After shot on it.
	Sand			2492	2538	46	
	Sand & Shale Sand		in It., 2nd, 2	2538 2632	2632 2664	94 32	st 24 hours
ayab adl	Sand & Shale		niter	2664	2684	20	Zock presents lynt
			n. it per da		2736	52	Settled production
	Sand & Shale			2736	2750	14	
. 10	Sandy Shale		_feet. Gas.	2750	2774	24	ias pays at (1)
	Sand & Shale		Jeel	2774	2793	19	(2)
	Red Rock		. Jeef	2793	2815	22	(3)
	Sand & Shale		100	2815	2984	169	_ (4)
	Sand			2984	3024	40	neitzahorg ni. 15
	Sand & Shale			3025	3286	261	
	Sand Mago		M; (2)	- Charles November 18	3343	57	Presh water at (1)
	Sand & Shale		(8) (Boi.	3343	3457	114	Salt mater at (1)