

DEPARTMENT OF MINES OIL AND GAS DIVISION

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

	COMMONWEALTH GAS CORPORATIO	N
COAL OPERATOR OR COAL OWNER	NAME OF WELL OPERATOR	
	P. O. Box 1433, Charleston,	W. Va.
ADDRESS	COMPLETE ADDRESS	
Thomas J. Hatten et al	June 19	19 63
SCIAN SPERATON ON COAL OWNER	PROPOSED LOCATION	,
3180 N. Ninth St., Allington, Va.	Butler	Dist
ADDRESS	2000-200	Distric
Thomas J. Hatten	Wayne	County
OWNER OF MINERAL RIGHTS	422	
3120 N. Ninth St., Arlington, Va.	Well No. 677	
ADDRESS	Thomas J. Hatten et al	Farn
ENTLEMEN:		гат
The undersigned well operator is entitled to d	rill upon the above named farm or tract	of land fo
il and gas, having fee title thereto, (or as the case		
October 20, 1959 , madel	by Thomas J. Hatten et al	, t
COMMONWEALTH GAS CORPORATION	, and recorded on the	thda
November, 1959 , in	n the office of the County Clerk for said	County i
ook50, page370		
ries of the same, who have mapped their workings cal operators or coal owners (if any) above named a The above named coal operators or coal owners (esire to make to such proposed location, or which the coal mines, must be received by, or filed with the Depar copy of this notice and accompanying plat by said I nat forms for use in making such objections will be an request and that all such objections must set forth a rounds on which such objections are based and indicate to moved to overcome same. (The next paragraph is to be completed only Copies of this notice and the enclosed plat were	if any) are notified that any objections y are required to make by Section 3 of sa se a dangerous condition in or about their timent of Mines within ten* days from the Department. Said coal operators are furth furnished to them by the Department of Mines definitely as is reasonably possible the the direction and distance the proposed loca in Department's copy.) mailed by registered mail, or delivered to	they maid Code, it respective receipt coder notified responding fround of the above
amed coal operators or coal owners at their above s	hown respective addressday	before
r on the same day with the mailing or delivery of Vest Virginia.	this copy to the Department of Mines at	Charleston
	ruly yours,	
	COMMONWEALTH GAS CORPORAT	ION
p = 1	WELL OPERATOR	
mlei a mall mandened from	P. O. Box 1433	
: This well produced from Address Maxton sand. Maxton gas of }	STREET	
exhausted. Will drill to Well Operator)	Charleston 25,	OF 1000
Berea horizon.		/25/202
10202122233	West Virginia	
*Section 3	STATE	
*Section 3 If no such objections be filed or be en days from the receipt of soid notice and plat by the dependent shall forthwith issue to the well operator a drilling ave been made by the coal operators to the location, or pproved and the well operator authorized to proceed to west virginia.	nound by the department of mines, within sain artment of mines, to said proposed location, sermit reciting the filing of such plat, that no found thereto by the department, and that will at said location.	id period the depar o objection the same

WAY 1320 PERMIT NUMBER

. n. Realles, charleston. I OI saut, Table of street of acrost 912) . det et. flim ton. 's. ceddal .T. azrogi 3122 W. Wiston Ct., imliancion, P. Is to action. A parcit Outobin 20, 1959 to missy Things In School 1. Entrance station of the case County is the country of the case Country and the case Country in rem foot one line still 4:000 08/25/2023 CCC [TOO



DEPARTMENT OF MINES OIL AND GAS DIVISION

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

To THE DEPARTMENT OF MINES, Charleston, W. Va.	
	COMMONWEALTH GAS CORPORATION
COAL OPERATOR OR COAL OWNER	NAME OF WELL OPERATOR
	P. O. Box 1433, Charleston 25, W. Va.
ADDRESS	COMPLETE ADDRESS
Thomas J. Hatten et al	August 12, 19 60
COAL SPENATOR BE COAL OWNER	PROPOSED LOCATION
3120 N. Ninth St. Arlington, Virginia	P.17
ADDRESS	Butler District
	WayneCounty
OWNER OF MINERAL RIGHTS	
	Well No. 677 82030' & 904.65'
ADDRESS	Thomas J. Hatten et al Farm
GENTLEMEN:	Ph. 1/2 acres
The undersigned well operator is entitled to dr	ill upon the above named farm or tract of land for
oil and gas, having fee title thereto, (or as the case m	
	y Thomas J. Hatten et al , to
COMMONWEALTH GAS CORPORATION	and recorded on the day
of, in	the office of the County Clerk for said County in
Book 50 page 370	one of the doubt, diera for said doubt, in
of coal beneath said farm or tract of land on which said aries of the same, who have mapped their workings a coal operators or coal owners (if any) above named as The above named coal operators or coal owners (if desire to make to such proposed location, or which they the drilling of a well at said proposed location will cause coal mines, must be received by, or filed with the Departree.	nd filed their maps as required by law, excepting the addressees. f any) are notified that any objections they may are required to make by Section 3 of said Code, if e a dangerous condition in or about their respective ment of Mines within ten* days from the receipt of
a copy of this notice and accompanying plat by said De that forms for use in making such objections will be from request and that all such objections must set forth as grounds on which such objections are based and indicate the moved to overcome same.	epartment. Said coal operators are further notified urnished to them by the Department of Mines promptly definitely as is reasonably possible the ground or
(The next paragraph is to be completed only i	n Department's copy.)
	mailed by registered mail, or delivered to the above
named coal operators or coal owners at their above sh or on the same day with the mailing or delivery of t West Virginia.	own respective addressday before, his copy to the Department of Mines at Charleston,
Very tr	uly yours,
A 2 131415 60	COMMONWEALTH GAS CORPORATION
All A S	WELL OPERATOR
AUG 1960	P. O. Box 1433
AUG 1960 RECEIVED Address of Well Operator WEST VIRGINIA DEPT. OF MINES	XSTREETX
WEST VIRGINIA Well Operator	Charleston 25
DEPT. OF MINES	CITY OR TOWN 08/25/2023
Chicagonalia	West Virginia
4.6(16928510)	STATE

*Section 3 If no such objections be filed or be found by the department of mines, within said period of ten days from the receipt of said notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a drilling permit reciting the filing of such plat, that no objections have been made by the coal operators to the location, or found thereto by the department, and that the same is approved and the well operator authorized to proceed to drill at said location.



DEPARTMENT OF MINES OIL AND GAS DIVISION

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

	Charleston, W. Va.
COMMONWELLER CAS CORPORATION	
SOTAWAD JURY TO SHAM	COAL OFERATOR OR SOAL OWNER
P. O. Box 1432, Charleston 25, W. Va.	
COMPLETE ADDRESS	
Aurust 12.	To de delicate of the demon't
PROPOSED LOCATION	ABWWO JASS XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
13 Putler District	3120 W. Winth St. Arlington, Virgin
SK 0/S County	
Well No. 617 83°30' & 90 M 65	OWARR OF HINESAL RIGHTS
Mell No of 84 00 C 223 mm	
Thomas J. Hatten et al.	ADDRESS
	Centremen:
CH. His arres	
drill upon the shove named farm or tract of land for	
se may be) under grant or lease dated Oct. 20. 1959	oil and gas, having fee title thereto, (or as the ea
doby Thomas J. Hatten et al ydob	on .
MOTON and recorded on the day	COMOTENTALIS CAS CO-POP
, in the office of the County Clerk for said County in	
4.1 (4.3)	Book 50 page 370
ant outsides and shows the proposed location of a well operator on the form and in the Magnetonial District ad courses and distances from two permanent points, or ad believes there are no coal operators operating beds to said well is located, or within 500 feet of the hound go and filed their maps as required by law, excepting the	to be drilled for oil and gas by the undersigned well and County above named, determined by survey at land marks. The undersigned well operator is unformed at of coal beneath said turn or tract of land on which
d es adoressens. s (il any) are notified that any objections they may they are required to make by section 3 of said (ode if eause a dangerous condition in or about their respective partment of Mines within ten" days from the receipt of dispartment. Said coal operators are further notified be furnished to them by the Department of Wines promptly be furnished to them by the Department of Wines promptly has definitely as is researchly possible the ground or the the direction and distance the proposed location should ate the direction and distance the proposed location should	oal operators or one cast operators or ead owner desire to make to such proposed location, or which the drilling of a well at said proposed location will coal names, must be received by, or filed with the De a copy of this nutice and accompanying plat by said that forms for use in coaling such objections will that forms for use in coaling such objections will on request and that all such objections miss set for
	(The next paragraph is to the completed or
ere mailed by registered mail, or delivered to the above	Copies of this notice and the enclosed plat we
e shown respective address day before, of this copy to the Department of Mines at Charleston,	or on the same day with the mailing or delivery West Virginia.
y udy yous,	TO V
COMMONSTALLER CAS CORPORATION	Algorito 187
P. O. Pox 1133	08/25/2023
XXXXXXX	Address Address
Charleston 25	WEST WINGING CO.
OUT OF TOWE	08/25/2023
West Virginia	6650 2828.3034725
	A57878 3h2.

specients 3... It has such adjoint be thed of he found by the department of nines, within said perfoit of the days from the receipt of and redice and plat by the department of mines, to said proposed location the department shall forthwith usue to the well speaker a critical period the could be distributed by the could operate to the location, or found thereto by the department, and that the same is approved and the well operator setherized to proceed to drill at said location.

HOLDER WALL TRUME MOMER

PERSONNEL CHE CHITTER'S EVENTAM FARESE.

Formation	Color	Hard or Soft	Тор	Bottom	Oil, Gas or Water	Depth Found	Remarks
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out near				J508			1
		20010					JH,
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	-1350		The first term part	RECORD		ng/	25/2023
			17-12-1	I'm the ten test to be a	1	00/	2012020

	Date	October 10,	, 19_60
APPROVED_	COMMONWEALTH GA	AS CORPORATION	, Owner
Ву	W. S. Grave	ly, Land & Eng.	Dept.
		(Title)	



STATE OF WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION

Quadrangle Louisa N. E.

Permit No. Way-1320

WELL RECORD

Oil or Gas Well Gas

				(KIND)
Company COMMONWEALTH GAS CORPORATION Address P. O. Box 1433, Charleston 25, W. Va. Farm Thomas J. Hatten et al Acres Pt. 112	Casing and Tubing	Used in Drilling	Left in Well	Packers
Well No. 677 Elev. 904.65	Size			Kind of Packer
District Butler County Wayne	13		Mark to the same of	Parmco
The surface of tract is owned in fee by Thomas J. Hatten et	PO	261	261	Size of 7"
3120 N. Ninth Street Address Arlington, Virginia	81/4	321' 1"	321' 1"	Shut-in in 7" csg
Mineral rights are owned by Same	65/8	1215' 4"	12151 4"	Depth set
Address	5 3/16			
Drilling commenced August 30, 1960	3			Perf. top
Drilling completed September 15, 1960	2			Perf. bottom
Date Shot Not shot. From To	Liners Used			Perf. top
With				Perf. bottom
Open Flow 16 /10ths Water in 3 Inch				Terr. bottom
VolumeCu. Ft.	CASING CEM	ENTED	_SIZE	_No. FtDate
Rock Pressure 410 lbs. 24 hrs.	COAL WAS E	CNCOUNTERE	D AT	_FEETINCHES
WELL ACIDIZED	FEE	TINC	CHES	_FEETINCHES
	FEE	TINC	CHES	_FEETINCHES
WELL FRACTURED				

RESULT AFTER TREATMENT_

Fresh Water	145	Feet		Salt Water_	985	Feet	
Formation	Color	Hard or Soft	Тор	Bottom	Oil, Gas or Water	Depth	Remarks
Surface Slate Sand Slate Red Rock Slate Sand Slate Sand Slate Sand Slate Sand Slate Sand Slate			0 10 26 36 185 195 435 455 500 522 660 690 870 900	10 26 36 185 195 435 455 500 522 660 690 870 900	Water	445 5 1 5	2 bailers per hi
SALT SAND Slate Shell			960 1180 1185	1180 1185 1195	Water	985	Hole full.
TOTAL DEPTH		OCT 1960 ECEIVED MEST VIRGINIA DEPT. OF MINES	1195	1209	Gas FINAL GAUGE	- 1,400,000 Maxton 02	16/10 Mercury - 3" cubic feet - 425/2023



STATE OF WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS DIVISION

Oundnessele	Louisa
Quadrangle	

QuadranglePermit No. Way			WELL	RECORD		Oil or	Gas Well Gas
Address P. O		las Corporation, Charleston, ten et al		Casing and Tubing	Used in Drilling	Left in Well	Packers
Location (waters Well No. 677		Br. of Gragsto	on Creek Elev. 904.65	Size			Kind of Packer
The surface of tr	act is owned	in fee by Thomas Address Proctor	J. Hatten e	t 41	26 1 321 1 1"	26° 321° 1°	Size of
Mineral rights an	re owned by_			0 /=	1671' 1"		Depth set
Drilling commendor Drilling complete Date Shot 8-2:	ed drilled ed63 Fro 2# gelativ	Augress d deeper Jul. Aug m 2076 To	y 12, 1963 • 3, 1963 • 2101	3 2 Liners Used 5 th Top of liner	65111"	65111"	Perf. topPerf. topPerf. bottomPerf. bottom
Rock Pressure Oil WELL ACIDIZE WELL FRACTU RESULT AFTER ROCK PRESSUR	730 REDR TREATMERE AFTER T	NTREATMENTFeet	72 hrs. _bbls., 1st 24 hrs.	COAL WAS EN	INC	CHES	_FEETINCHES _FEETINCHES
Formation	Color	Hard or Soft	Тор	Bottom Bottom	Oil, Gas or Water	Depth	
Original Tota	2 Doubh		RECORD OF DE	EPENING			

08/25/2023 RECEIVED
West Virginia
Dept. of Mines

FINAL GAUGE 189,000 cq. ft. after shot

(over)

Formation	Color	Hard or Soft	Тор	Bottom	Oil, Gas or Water	Depth Found	Remarks
	3				S S S S S S S S S S S S S S S S S S S	Alkera S	
				0.00	189,300	a. C. sCbax	врод
miginal Tother Average			12 09 13 00 13 00 13 10 13 05 14 13 0 20 0 20 0 20 0	209 1308 1310 1340 1365 2065 2063 2101 2113		5	
	THE		BEGORE CE DA		905		
	730, 601.05 130,000		72		10,91 3		
8-	dri. 1.0 -63	des yer full	, 1, 1963 , 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,		a CLII.		
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All Services	0. 30% 1\2 ⊝ 30% 1\2	one est	* 48. 253		A		100.00
000	E- 1320	C'e Coronrei		2.			

	Date October 8	, 1963
APPROVED	COMMONWEALTH GAS CORPORATION	_, Owner
Ву_	Cl. J. Prairly	
	(Title) Land & Eng.	Dept.
DELLA DELLA SE	MATHEWS PRINTING &	ND LITHOGRAPHING CO

DEPARTMENT OF MINES

OIL AND GAS DIVISION

Permit No. WAY-1	320			Oil or	Gas Well	
Commo	nwealth Gas Corp.	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PAC	KERS
	Box 1433 eston 25, W. Va.	Size			131	elve av 18
Farm_ Thoma	s J. Hatten, et al	16			Kind of Pa	cker
Well No. 677	9,87	13	261	2	Size of	
	CountyWayne	81/4	31512	18		
Drilling commenced_		65%			Depth set_	
	Total depth					
Date shot	Depth of shot	2			Perf. botto	om
Initial open flow	/10ths Water inInch	Liners Used				om
Open flow after tubing	g/10ths Merc. inInch					
Volume	Cu. Ft.	CASING CEME	ENTED	SIZE	No. FT.	Date
Rock pressure	lbshrs					
Oil	bbls., 1st 24 hrs	. COAL WAS E	NCOUNTERE	D AT	_FEET	INCHES
Fresh water 44	feetfeet	FEET	INC	HES	_FEET	INCHES
Salt water	feetfee	t FEET	INC	HES	_FEET	INCHES
Delland Names	Lester Johnson				an 11 12 13	12
Drillers' Names	Roy Nida			10	910	753
Remarks: Show	v gas @ 515'; drilling	g at 732°.		MV23456	RECEIV WEST VIRGI DEPT. OF MINI	500
9-8-60			Ja	v.P	ack	
DATE			0			/2023

DEPARTMENT OF MINES

OIL AND GAS DIVISION

Permit No.	-			Well No,				
COMPANY	17 / 12 2 ×	*	ADDRESS	US.	5-7-7-6-1	A Wilson		
FARM	P3 773 (41)	DISTRICT	(COUNTY				
Filling Material Used				1433				
			• 67	4 62 110 0.31				
Liner Lo	cation	Amount	Packer	Location	u no II			
PLUGS USED A	AND DEPTH PLACED		BRIDGES	CASIN	IG AND TU	BING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED SIZE		LOST		
					TULLE	to the second se		
				j				
			Ben I			36. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3.		
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Hilliam Lindson', mg l.			Land Da Link Angli	e Hay va				
Service against the								
			And a second of the second of			7790		
and the second second second second second					ge bylge			
		X-						
Drillers' Names		and the state of t						
Remarks:	The state of the s					EVEN MADE TO A		
		• 1	VEY da fath line : 12					
	I hereby certify I	visited the abo	ve well on this date.					
DATE	- northly territy I	vibrica the abo	ve well on this date.					

DEPARTMENT OF MINES

OIL AND GAS DIVISION

Permit No. Way -1320 D		Oil or Gas Well				
Company Commonwealth yas.	CASING AND JUBING	USED IN DRILLING	LEFT IN WELL	PACKERS		
Address & harles lan wag.	Size			Libert Vicensia validati		
The Alvert	16			Kind of Packer		
Farm / Mamas J. / J allen el al	13		201. <u>201.</u>	1981.1		
Well No.	10		TOOM	Size of		
District Butler County Wayne	81/4					
Drilling commenced	65/8			Depth set		
Drilling completedTotal depth	5 3/16					
	3			Perf. top		
Date shotDepth of shot	2			Perf. bottom		
Initial open flow/10ths Water inInch	Liners Used			Perf. top		
Open flow after tubing/10ths Merc. inInch				Perf. bottom		
VolumeCu. Ft.	CASING CEME	NTED	SIZE	No. FTDate		
Rock pressurelbshrs.		156	18910			
Oilbbls., 1st 24 hrs.	COAL WAS EN	COLUTERED	AT963	FEETINCHES		
Fresh waterfeetfeet	FEET_	Ref We	st Virginia	FFETINCHES		
Salt waterfeetfeet	FEET_	Reci	of Mines	PEETINCHES		
			S. S	Terenzani		
Drillers' Names						
Remarks:						
Remarks: Rebuilding road	· pre,	paren	y to	Male on.		
			10			
7-3-63		11.	E B	utcher		

DEPARTMENT OF MINES

OIL AND GAS DIVISION

Permit No	1162		THE REAL PROPERTY.			aid from
COMPANY						
FARM	41 743.1 W 113	DISTRICT	CAND 43	OUNTY		daying
'illing Material Used			102			n
Liner Lo	cation	Amount	Packer	Location	M(3)	77
PLUGS USED	AND DEPTH PLACED		BRIDGES	CASIN	G AND TU	BING
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST
The Alexander						and the state
			dian's fe		e tautstis	
and Tree for Tree ju						
Target Mark Land Land				a fire to		2.30 2.31
and the contract of the contra					and)	Page 198
			The state of the s	Art Page 1		
5 (Lagrana - 1 - 2 / Lagrana - 1		SUCKERS			A 100 TO	
	468 Lass		A STATE OF THE STA			
en de la companya de			R I A LANGE TO SHARE			
	- William					
Drillers' Names	42	Z				
Remarks:						
DATE	I hereby certify I	visited the ab	ove well on this date.			

DEPARTMENT OF MINES

OIL AND GAS DIVISION

Permit No. Way-	1320D	Redrill		Oil or	Gas Well
Company Ommon	wealth you C	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	les ton, we	Size		neliaro.	Kind of Packer
Well No.	County Way	13	26-	WD SERTH	Size of
Drilling commenced 7		65/8	1208		Depth set
Drilling completed	Total depth	3			Perf. top
	Depth of shot	Linera Hand		3	Perf. top
	/10ths Merc. inCu		ENTED	SIZE	Perf. bottomDate
	lbs				
Oil	bbls., 1st 24 - 2 bailers feet feet	feetFEET	rinch	ES	FEETINCHES
-	2	hn son	PINCH	ES	FEETINCHES
Drillers' Names CO. Remarks:		mson	Total	Cali- dels 1	le laals h 1327-
7-17/	RECEIVED AND THE PARTY OF THE P	Consultation of the second of	J.	18 V	a Tel
DATE DATE	S CERTIFOLE	197	-/-	0.1	DISTRICT WELL INSPECTOR 08/25/2023

DEPARTMENT OF MINES

OIL AND GAS DIVISION

Permit No				7	Well	No	37.00
COMPANY		1)	ADDR	ESS			on hemby
	MITTER THE	DISTRIC	T	C(OUNTY		13
Filling Material Used			45 18	N 8 35 (185)			Address A
Liner Loc	cation	Amount		Packer	Location	7(4-20)	restrict 1
PLUGS USED A	ND DEPTH PLACED			BRIDGES		G AND TU	BING
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTR	UCTION-LOCATION	RECOVERED	SIZE	LOST
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HEAT TOTAL	27, 137, 127	l maga				A SA	1000
Drillers' Names	3115111	100					make Jin
and the first section of the section	or the state of th						
Remarks:							
		5500					
				ACTIVES 28 3 PM			
DATE	I hereby certify	I visited the a	bove well on	this date.			
DATE							

DEPARTMENT OF MINES OIL AND GAS DIVISION

Permit No. 20 09 - / 320 L)			Oil or	Gas Well Dax
Company Om mel exelle	Yası	CASING AND	USED IN DRILLING	LEFT IN WELL	PACKERS
Address 6 harles tan Farm / harnar /	, W. P.	CSjze	2	golfess	Kind of Packer
Well No. 677 District Bulkles County U	ayone	10	2311	201 kg 1 kg 2	Size of
Drilling commenced 7-12-63	T san	65%	7 8-7	-63	Depth set
Drilling completed Well Total depth_		3			Perf. top
Date shot	Ml. fr	Liners Used			Perf. bottom Perf. top Perf. bottom
Open flow after tubing /10ths Merc. in		200 - 701			Feri. bottom
Volume	Cu. Ft.	CASING CEME	NTED	SIZE	No. FTDate
Rock pressurelbs	hrs.	-			
Oilbbls.,	1st 24 hrs.	COAL WAS EN	COUNTERED	AT	_FEETINCHES
Fresh waterfeet	feet	FEET_	INCE	IES	_FEETINCHES
Salt waterfeet	feet	FEET.	INCE	IES	_FEETINCHES
Drillers' Names Jessen Co. Touls	Ja	hnsor	C	ab.	le Toals
Remarks:	1011121374	2	078-	ナル	2101-
	AUG1963	THE THE PARTY OF T	Be	rea	2 and
3)	West Virgin Dept. of Mi	ED 220	1	16,	B utche
	26272829	AC.			08/25/2023

DEPARTMENT OF MINES

OIL AND GAS DIVISION

Permit No				Well	I No	
COMPANY	1 (15)		ADDRESS			and their
FARM		DISTRICT		COUNTY		
ARM	The second second second second			10 / J 12 12 12 12 12 12 12		A THE
'illing Material Used			- Leading Commence			
iner Lo	cation	Amount	Packer	Location		
	AND DEPTH PLACED		BRIDGES	CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST
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