	territoria. 📆	Latitude	39 20	,
[4] 그리고 한다는 것이 그렇게 되었다. 이 12일 시간 교육 교육				
			1	
		#1.		
(1) - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -				
(1988)	<b>1</b>		1	
<b>-2</b>	5.7	·		
	ų ž			
	j j			
	j o			
<b>-3</b> %- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
	30			
	10 m			
			'	
	Hickory Sp		4	
La L	S49'E 11.5 P			(I
Thomas of the	stone			·
N38:05	rollie	Sex.		
Service of	och oak			
	Ju.			
Z of Woller	100	Lorge Ch. Oak		
	Source State of the state of th	Series.		
<b>,</b> (1)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ck. 00k	919	
1 3 x	35.55.00 S	stone	ر مرو غ	
3 4	<b>℃</b> .	> A Fac.	ton inde	
<b>*</b>	2,00.545	-	No le Sout o	
H.c.	19:00	\ \ .	· System	
Buch ,	Edna	10	- Co	
		\$ 6		
		3./2.		
		$\alpha l^{\beta}$		
		C/c		
		ارم در/ی		
		Cappro	<u> </u>	
		Cabbross	4	
		Capprox		
		Capprox		
New Location : III		(approx)		
Drill Deener	9-28-70	Cabbros		
Abandonment	9-28-70	Capprox		
Abandonment		STATE OF WE	ST VIRGINIA	
Abandonment		DEPARTMENT	of MINES	•
Abandonment Usuad -  Orilco Oil Productions  Company CHARLES F. 1690  4001 Jufferson St. Various  Address 1680 Hoffman Ave., Clor	kstrafg. W.Va.	DEPARTMENT	of MINES	
Abandonment	ksining, W.Va.	DEPARTMENT OIL AND GA	OF MINES S DIVISION STON	
Abandonment Usuad -  Orilco Oil Productions  Company CHARLES F. 1690  4001 Jufferson St. Various  Address 1680 Hoffman Ave., Clor	No.	DEPARTMENT OIL AND GA CHARLE	OF MINES S DIVISION SSTON	
Drill Deeper	No.	DEPARTMENT OIL AND GA	OF MINES S DIVISION SSTON	
Abandonment	kshafg, W.Va.	DEPARTMENT OIL AND GA CHARLE FILE NO. Dod enotes location of v	of MINES S DIVISION STON ATION  650-P  well on United	/IAP
Drill Deeper	kshafg, W.Va.	DEPARTMENT OIL AND GA CHARLE FILE NO. Dod enotes location of vographic Maps, so	of MINES S DIVISION ESTON ATION  ATION  Well on United Tale 1 to 62,5	1 A P
Abandonment	No. W	DEPARTMENT OIL AND GA CHARLE FILE NO. Dod enotes location of v	of MINES S DIVISION ESTON ATION  ATION  ATION  Well on United sale 1 to 62,5  nes being repr	1 A P

Latitude 39 20 ' 3 - 1 50 - 2 80 - 3 549°E 11.5 P 1 46°E 9P Britton Edna New Location ..■ Drill Deeper ...... Abandonment..... Company CHARLES F. KOONTZ, JR STATE OF WEST VIRGINIA DEPARTMENT OF MINES Address 1680 Hoffman Ave., Clarksburg, W.Va. OIL AND GAS DIVISION Farm Wallace Spurr CHARLESTON \_\_ Acres<u> 35.25</u> Lease No.\_ WELL LOCATION MAP Well (Farm) No. One Serial No. FILE NO. Dod - 650 Quadrangle West Union SC + Denotes location of well on United States County Doddridge District Cantral Topographic Maps, scale 1 to 62,500, lat-Engineer Wilder itude and longitude lines being represented by border lines as shown. Engineer's Registration No. 1227 Denotes one inch spaces on border line File No. Drawing No. of original tracing. Date <u>Oct. 1961</u> Scale 1" : 30 p

K-E 156 IMPERIAL TRACING CLOTH T.M.



## DEPARTMENT OF MINES OIL AND GAS DIVISION 9

West Union Quadrangle .

Permit No. DOD-650 WELL	RECORD		Oil or	Gas Well Both (KIND)
Company Charles F. Koontz  Address 1680 Hoffman Ave. Clarksburg W Farm Wallace Spurr Acres 147	Casing and Va Tubing	Used in Drilling	Left in Well	Packers
Location (waters) Clay Lick Run  Well No. 1 // 87' District Central County Doddridge	Size 1613			Kind of Packer
The surface of tract is owned in fee by <u>Wallace Spurr</u> Address <u>West Union</u> , W.		745		Size of
Mineral rights are owned by Same Address	_ 65%	1272	2124	Depth set
Drilling commenced Nov. 6th.  Drilling completed Jan. 29th. 1962  Date Shot From To	_ 2		2260 2260	Perf. top Perf. bottom Perf. top
With			gran 225	Perf. bottom
VolumeCu. Ft Rock Pressurelbshr	t. s.	<u>4-2</u>	164	Feb. 6, 1962 FEETINCHES
Oilbbls., 1st 24 hrs	S	TINC	CHES	FEETINCHES _FEETINCHES
well fractured Fractured on Feb. 19th and 45 thousand 1b. of sand.	. with one	thousand	bbl. of	water

RESULT AFTER TREATMENT 88,000 Open flow on gas and a small amount of oil. ROCK PRESSURE AFTER TREATMENT 6001bs.

ROCK PRESSUF Fresh Water	E AFTER TE	Feet	001bs.	Salt Water_A	+ 1665	Feet	
Formation	Color	Hard or Soft	Тор	Bottom	Oil, Gas or Water	Depth	Remarks
Clay Slate Red Rock Slate Sand Slate Red Rock Slate Red Rock Slate Sand Red Rock Slate Sand Red Rock Slate Red Rock Slate Red Rock Slate Lime Slate Red Rock Slate Lime Slate Red Rock Slate Lime Red Rock Slate Red Rock Lime Red Rock Lime Red Rock Lime Red Rock Lime	lo <b>c</b> lt		0055009155005538555500055006251 111122233333334444445555	1055009155005538555580055062515 1135800553855558005506251533 1111222333333344444555555		100 P. 10	234567

(over)

Formation	Color	Hard or Soft	Top 9	Bottom	Oil, Gas or Water	Depth Found	Remarks
Red Rock			535 545	545 605	,		
Gritty Li	me		545	605		'	
Red Rock			605 615	615			
Red Lime			シエン	635 675	•		
Red Rock			635	675		· ·	
Lime Slate & R	ock		675	69 <b>0</b> 700			
Slate & A	OGA	•	6 <b>9</b> 0 <b>7</b> 0	705			
Sand			705	737			
Slate		·	737	737 7 <sup>1</sup> 10			
Lime			737 740	785			
Slate	•		785	800			
Red Rock			80Ó	810			
Slate		+ 1	810	845	s a l'Alban victor 🕯 .		
B. Slate			845	852 861 868			
Lime			852 861	861			ly -
Slate	4.		861	868			
Red Rock			868	875			Cherry Charles Marchae
Slate			875	964			
Red Rock			964	1054			
Gritty Li	me		1054	1073	民族的原理		
Slate			1073	1100			
Pink Rock			1100	1110			
Slate			1110 1115	1115			
Sand Slate				1137 1183			0 90'
Pink Rock			1137 1183	1197			
Lime			1197	1 206			
Slate			1206	1240			
Line			1240	1265			V
Pink Rock			1265	1278			1 . 2 .
Slate			1278	1300			X.
Sand			<b>13</b> 00	1348			
Slate			1348 '	1380			<b>,</b>
Lime			1380	1450			ži.
Sand			1450	1475			
Lime			1475	1500			등대 (*) (*)
Sand			1500	1557			
Lime			1557	1585			
Slate			1585	1615			\$ 1 \$4 \$4
Lime			1500 1557 1585 1615	1557 1585 1615 1664 1730 1780			i. Ur
Sand			1664	1730			
Slate	4.		<b>1</b> 730	1780			1
Lime			1780	1, T8T0			1 / 1   14   15
Slate			1810 C	1840			
Sand			<b>1</b> 81ю	1870			•
Slate			1870 1895	1895			
Sand			1918	1918			
Slate Lime			2010 1710	うり行う			). K
Lime Sand			<b>ン</b> UJ™3 ∇∩∓∩	20178			12°
Slate			2078 	5085			
L. Lime			2010 20143 20148 - 2085 2110	2010 2013 2048 2085 2110 2124			N W
P.C.Slate			žĭió	2124			None None No. An
B.Lime			- 2124	1 2198			
I. Sand			2198	2246			
Slate	•		2246	2297			
Lime			2297 2308 2335 2356	2308			* *
Slate &	and		2308	2335			)
Lime			2335	2356			) Ast
Sand			2356	2527_			
Slate			252 <b>7</b> 2824	2308 2335 2356 2527 2624 2830			
	and		<b>2</b> 824	2830			y
Slate			2830	3013			
İ		e e					
			and the second	1	I s	1	

	Date	Carlo Ditt	. 19 2
APPROVED	<u>,                                    </u>		, Owner
	Ву		
	,	(Title)	1
			· .

FORM OG-R

## STATE OF WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION



OIL & GAS DIVISION DEFT. OF MINES

## AFFIDAVIT OF PLUGGING AND FILLING WELL

addresses.	]	Drilco	Oil Production	S	
	RATOR OR OWNER		NAME OF WELL OPER		
	DDRESS	4001 Je	efferson St., P		
*A	DDRESS		complete abbres February	14, <sub>1</sub>	72
COAL OPE	RATOR OR OWNER		WELL AND LOCA	TION	9
COAL OPE	and on one	C	entral		istrict
	DDRESS		, , , , , , , , , , , , , , , , , , ,		
	1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 19	D	oddridge	(	County
	PROPERTY OWNER	Wall Ma	1 - 47 A Trac	ek	
	ADDRESS	M GH M.			
	ng diagnosis di participat di participat di participat di participat di participat di participat di participat La companya di participat		Wallace Spurr		Farm
	UPERVISING PLUGGING		William J. Blo	osser	
STATE INSPECTOR SU	DPERVISING PLUGGING	****************			,
	AFFIDA	VIT			
STATE OF WEST V	rirginia,				
County of Wood	} ss:				
County of	rdman an	A	Lawrence R	ichards	
	ding to law denoce an	d cay the	t they are experien	ced in the v	vork of
being hist dary and	ail and gas wells and were emplo	oved by	Drilco Oil Pr	oduction	
plugging and niling of	oil and gas wells and were emploarticipated in the work of plugg	ing and	filling the above w	ell, that said	d work
wen operator, and p	the 8th day of October	r	$19^{70}$ and that th	e well was p	lugged
and filled in the foll	owing manner:		2011	•	
	FILLING MATERIAL	PLUGS USED		CASING	
AND OR ZONE RECORD	FILLING MATERIAL		SIZE & KIND	C S G	CBG
FORMATION	- 22 2 m 1 ·		DIZE W RING	PULLED	LEFT IN
.0-7-70	Pulled Tubing & Rods Jelled Hole from 2260	+0 190	0		
.0-8-70		FO T20	U	3640	C 2 0
	Severed 55" Casing		1010 1620	1640	620
	Bridge Hole		1640-1630 1630-1600		
	Run 5 bag Cement Plug		7030-7000		
	Jelled Hole to surface;		0.5.0		
	Pulled 5'" casing to		850 900-890		
	Bridge Hole				
	Run 5 bag cement plug		890-870		
	Pulled 5 casing		400-390		
	Bridge hole				
	Run 5 bag cement plug		390-375		
	Bridge Hole		100-90 90-75		
	Run 5 bag cement plug Fillwith clay tp 30Ft.	d - o c		& erect	·marke
	FILLWITH CLAY to SUFT.	and Ce			
COAL SEAMS			Erected 6 5/8	U casing	
ME)	No coal	-			uccor un
ME)			to Rule 14.		
ME)					
ME)					
November	of plugging and filling said w 70. eponents saith not.		completed on the		<b></b>
		<u> 31 (</u>	1. Bearder	1.5.	
Crusum to and	subscribed before me this 14	th day	of March		, 19 <u>72</u> .
Sworn to and	substituted before the tills	( ) .	7100 11.	Hard	Lorge
My commission ov	nires:			Notary	Public.
•	pires:		Per	mit No.DOD	-65 <b>0</b> -P