

JAMES P. KEITH, ET AL 100 Ac.	1 2 3	Latitude 39 ° 10 '
JAMES D. KEITH, ET AL 100 Ac. DROPPLEMAN HEIRS	1	
JAMES D. KEITH, ET AL 100 Ac. PROPPLEMAN HEIRS		
JAMES D. KEITH, ET AL 100 Ac. DROPPLEMAN HEIRS		
JAMES D. KEITH, ET AL 100 Ac. DROPPLEMAN HEIRS	-1	
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JAMES D. KEITH, ET AL 100 Ac. DROPPLEMAN HEIRS		J. W. GUM
JAMES R. KEITH, ET AL 100 Ac. Road Road	-2	
JAMES D. KEITH, ET AL 100 Ac. Road Road		h oak
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JAMES F. KEITH, ET AL 100 Ac. Sold Mark Onl Sold	, 33/	A 2/2 52
JAMES D. KEITH, ET AL 100 Ac. Sold Sold	Walnut & 58840'E O M	
JAMES D. KEITH, ET AL 100 Ac. Road Scrat Road Scra	\$\tag{\chi_1}\$	ley = 1052
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DROPPLEMAN HEIRS DROPPLEMAN HEIRS New Location	min .	The second secon
New Location	152.6E m.00.583	<i>6</i> / ₄
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	New Location	
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and the control of th	1	
		OIL AND GAS DIVISION
Address Box 230, Mt. Carmel, Illinois. DEPARTMENT OF MINES OIL AND GAS DIVISION		CHARLESTON
Address Box 230, Mt. Carmel, Illinois DEPARTMENT OF MINES OIL AND GAS DIVISION CHARLESTON		WELL LOCATION MAP
Address Box 230, Mt. Carmel, Illinois. Farm James R. Keith and others Tract Acres 100 Lease No. WELL LOCATION MAP		FILE NO. DOD - 587
Address Box 230, Mt. Carmel, Illinois. Farm James R. Keith and others Tract Acres 100 Lease No. Well (Farm) No. One Serial No. DEPARTMENT OF MINES OIL AND GAS DIVISION CHARLESTON WELL LOCATION MAP		
Address Box 230, Mt. Carmel, Illinois Farm James R. Keith and others Tract Acres 100 Lease No. Well (Farm) No. One Serial No. Elevation (Spirit Level) 1052. DEPARTMENT OF MINES OIL AND GAS DIVISION CHARLESTON WELL LOCATION MAP FILE NO. DOD - 587		
Address Box 230, Mt. Carmel, Illinois. Farm James R. Keith and others Tract Acres 100 Lease No. Well (Farm) No. One Serial No. Elevation (Spirit Level) 1052. Quadrangle Vadis DEPARTMENT OF MINES OIL AND GAS DIVISION CHARLESTON WELL LOCATION MAP FILE NO. DOD - 587 + Denotes location of well on United State		itude and longitude lines being represented
Address Box 230, Mt. Carmel, Illinois. Farm James R. Keith and others Tract Acres 100 Lease No. Well (Farm) No. One Serial No. Elevation (Spirit Level) 1052. Quadrangle Vadis County Doddridge District Cove DEPARTMENT OF MINES OIL AND GAS DIVISION CHARLESTON WELL LOCATION MAP FILE NO. DOD - 587 + Denotes location of well on United State Topographic Maps, scale 1 to 62,500, lar		
Address Box 230, Mt. Carmel, Illinois Farm		Denotes one inch spaces on border line of original tracing.
Address Box 230, Mt. Carmel, Illinois. Farm James R. Keith and others Tract Acres 100 Lease No. Well (Farm) No. One Serial No. Elevation (Spirit Level) 1052. Quadrangle Vadis County Doddridge District Cove Engineer Manage Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown. — Denotes one inch spaces on border lines.	· ·	or original tracing.
Address Box 230, Mt. Carmel, Illinois Farm James R. Keith and others Tract Acres 100 Lease No. Well (Farm) No. One Serial No. Elevation (Spirit Level) 1052. Quadrangle Vadis County Doddridge District Cove Engineer Make of Financer's Registration No. 1227	** ** *** *** *** ** 66787	- 6 /4/6

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DEPARTMENT OF MINES OIL AND GAS DIVISION 7

Quadrangle	Vadis

WELL RECORD

Oil or Gas Well Both

	Address Box	230, Mt.	Carmel, I	llinois	Casing and Tubing	Used in Drilling	Left in Well	Packers
District	Location (water	·s)						A
The surface of tract is owned in fee by Lames R , Kelith	Ca		County Dod	dridge				Kind of Packer
Address Nee Ing. W. Vo Section Address Nee Ing. Section Address Nee N	Tubing Drilling Well Farm James R. Kelth et al Acres 100			Size of				
Address Mace Ing , W , Va Salt Sal					0 %	59	59	
Drilling commenced 8.4 6.6	Mineral rights a				, 0			Depth set
Drilling completed S- O-6 2	Drilling commer				3 • 53/16		2550	- 2469
Date Shot	-				. 3 <u>. T.Q.</u> 2		2330	0140
Note	Date Shot	Fro	mT	·o	Liners Used			
								Perf. bottom 2206
Volume	Open Flow	/10ths Water	in	Inch				1. 2100-2190
Rock Pressure	the contract of the contract o	50 M		O. 104	CASING CEM			
Oil	Rock Pressure		lbs.	2 hrs.	BY Dowe	and the second of the second of the second		
Salt Water				bbls., 1st 24 hrs.		The war is a with a sign		化压力激酶促进剂 医电影 经金属工程 化二二二二二二二二二二二二二二二二二二二二二二二二二二二二二二二二二二二二
RESULT AFTER TREATMENT Testing	WELL ACIDIZ	ED						
RESULT AFTER TREATMENT Testing ROCK PRESSURE AFTER TREATMENT None Feet Salt Water None Feet Solt Water None Feet Salt Water Salt Water Soli Yellow Soft O I5 Salt Water Soli Yellow Soft O I5 Salt Water Soli Soli	WELL FRACTI	URED	No		FEE!	rINC	HES	FEETINCHE
None Feet Salt Water None Feet Formation Color Hard or Water Depth Remarks Soli Yellow Soft O 15 Solid Grey 15 113 191 Solid Solid White 191 248 371 371 493 371 371 493 371 371 493 371 371 493 371 3								
None Peet Salt Water None Peet Soft None Peet Soft None Peet Soft None Peet None N				sting		Volum	es 79	
Formation Color Hard or Soft Top Bottom Oil, Gas or Water Depth Remarks Soil Yellow Soft 0 15 13 13 13 13 13 14 13 19 14						None		[11 년 12 전
Soil Yellow Soft O					Sait water		Fee	1
Shale Grey " 15 113 191 Shly Sand White " 248 371 Sandy Shale Grey " 248 371 Sandy Shale Grey " 371 493 Sandy Shale Grey " 557 701 Shly Sand " Hard 701 796 Sand White " 796 841 Shly Sand White " 796 841 Shly Sand Grey " 841 938 Sandy Shale " Soft 938 1059 Shly Sand " Hard 1059 1113 Sand White " 1113 1148 Shly Sand Grey " 1148 1303 Shale " Soft 1303 1381	Formation	Color		Тор	Bottom		Depth	Remarks
Shiy Sand	Soil	Yellow	Soft	0	15			
Sand Sand White " 191 248 371	Shale	Grey	11	15	113			
Sandy Shale Grey	Shly Sand	11	11	113	191			
Shiy Sand " " 371 493 Sand White " 493 557 Sandy Shale Grey " 557 701 Shiy Sand " Hard 701 796 Sand White " 796 841 Shiy Sand Grey " 841 938 Sandy Shale " Soft 938 1059 Shiy Sand " Hard 1059 1113 Sand White " 1113 1148 Shiy Sand Grey " 1148 1303 Shale " Soft 1303 1381	Sand	White	11	191	248			
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Sand White " 493 557 Sandy Shale Grey " 557 701 Shly Sand " Hard 701 796 Sand White " 796 841 Shly Sand Grey " 841 938 Sandy Shale " Soft 938 1059 Shly Sand " Hard 1059 1113 Sand White " 1113 1148 Shly Sand Grey " 1148 1303 Shale " Soft 1303 1381			•					
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Sand White " 1113 1148 Shly Sand Grey " 1148 1303 Shale " Soft 1303 1381	Sandy Shale	11	Soft	938	1059			
Shiv Sand Grey " 1148 1303 Shale " Soft 1303 1381	Shly Sand	11	Hard	1059	1113			
Shale " Soft 1303 1381	Sand	White	n n	1113	1148			
Shale " Soft 1303 1381	Shly Sand	Grey	11	1148	1303			
Shly Sand " Hard 1381 1405	Shale		Soft	,	1381			
	Shly Sand	11	Hard	1381	1405			

-	Formation	Color	Hard or Soft	Top 7	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sa	ndy Shale	11	Soft	1405	1449			,
Sa	ın d	White	Hard	1449	1539			st Salt Sd.
Sh	ale	Grey	Soft	1539	1628			
Sh	ly Sand	11	Hard	1628	1701			
Şē	indy Shale	77	Soft	1701	1788		v	
Se	nd	White	Hard	1788	1805			
Sh	ale	Grey	Soft	l 805	1918			
Sē	indy Shale	-11		1918	2022			
LI	ttle Lime	Brown	Hard	- 2022	2035			
SH	ale	Green	Soft	2035	2062			
В	g L Ime	Brown	Hard	~2062	2114			
LI	me	Grey		2114	21 35			
LI	my Sand	White		21 35	2216	Gas	2178 to 2190	
sh	ale	Green	Soft	2216	2251	Gas & Oll	2200 to 2210	
SI	ly Sand	Grey	Hard	2251	2362		1.27	
sh	ale	Grey	Soft	2362	2468			
Sē	ınd	White	Soft	2468	2484	Gas, oil & water	2468 to 2484	
Sē	indy Shale	Grey		2484	2556		4707	
			Total D	sp†h	2556			
				w				
		rre dr l	h Water au	a rotary	er cannot	be determ	ined when	
8 (a								
-			<u> </u>					

	Date	lanuary 18	19 62
APPROVED			, Owner
Ву	Se	cretary	, Owner
		(Title)	
		Company services	GNATING AND LITHOR ÁPHING CÓ.
			The state of the s

FORM WR-38 STATE OF WEST VIRGINIA (Affidavit of Plugging) DEPARTMENT OF ENERGY OIL AND CAS WELLS DIVISION

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN be retained by the Well Oper be mailed to each coal operations.	ator and the	e third copy (ar	nd extra conto	sion, o s if req	one cop uired)	y to shoul
None		Foster	Mining Com	oanv		
Coal Operator or Own	ier		Name of We	11 Opera		
Address		PO Box	399, Glenv:	ille, W	<u>V 263</u>	351
None		August	Complete 25	Address		. 20
Coal Operator or Own	ner		WELL AND LOC	ATTON	19	89
		New M			Distr	fet
Address		-			_ DISCI	100
James R. Keith, et		Doddr	idge		Count	y
Lease or Property Ow	mer					
Address		WELL NO.	Keith #1			
Mdd ess		_	•			
STATE INSPECTOR SUPERVISING	DIUCCING		es Keith	MINI	3000	Farm
STATE INSTECTOR SUFERVISING	PLUGGING	Mike Underwo	ood			V 5
CTATE OF UEGE WARRANT	Al	FFIDAVIT		M AU	G 25 1	989
STATE OF WEST VIRGINIA,	ss:					
County of <u>Gilmer</u>	,			DEPARTA	N OF OIL	& GAS
Daniel R. Chapma being first duly sworn accor work of plugging and filling Company, Inc. , well ing the above well, that sai 19 89, and that the well	g oil and gas operator, as	depose and say s wells and were nd participated	that they are employed by in the work o	Waco Cof pluggi	enced in	n the
Sand or Zone Record	Filling	g Material	Plugs	Used	Ca	sing
Formation		#		& Kind	CSG	CSG
2550'-2100'	6% Gel		4½" Ca's		PULLED 750	LEFT_IN. _1800
2100'-2000' 2000'-750'	Cement	Plug			7.30	1000
750'-550'	6% Gel Cement	Plua	8 5/8"	Casing	0	59
550'-300' 300'- Surface	6% Gel					
300'- Surface	Cement	Plug				
Dowell Cemented with 16	5 sks.	,				
		•				
				144		
Coal Seams N/2				MY W		P/21
N/A			Descri	ption of	Monum	ent
(Name)				sing wi		
(Name)			permi	t numbe	<u>r</u>	
(Name)				-		
and that the work of poor of August , 19 And further deponents s	9 _ 69 .	filling said we	ll was complete	ed on th	SEP 1	
Supra to and a transfer to a		Ken	m//5/	we 5		
Sworn to and subscribed before	ore me this	25 daý of	August Barry K	Soy	, 19	89
My commission expires: Nov. 19, 1989		COM	NAKYXXX MISSIONER FO	OR WEST		
1100. 19, 1989		-	Permi	t No	47-017	- 0587