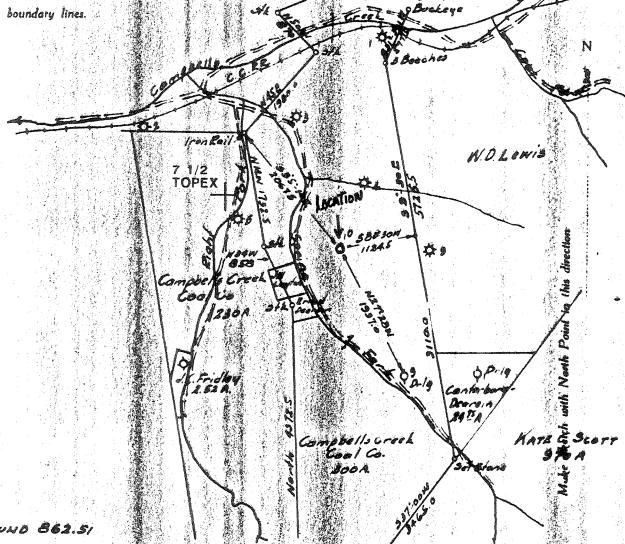
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36		- 1						94	40	4 4		e 6	1144							
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On space below give tracing of sketch showing form and well and any necessary adjacent territory. Give exact distance from farm boundary lines.



ELEVATION GROUND 862.51

I, the undersigned, hereby certify that this map is correct and shows all the information to the best of my knowledge and belief, required by the oil and gas section of the Mining Laws of West Virginia.

icknowledged before me, a Notary Public, this 20 day of December, 1935

Motary Public

API WILL NO. 47-039-0208P

CABOT OIL & GAS JE FLAME #10

ARLESTON EAST TOPO 7.5

MALDEN DISTRICT KANAMHA COINITY

a Jakes SEP 190, 1988

CORP. Fra. -6/7/73 CABOT, LOCATION REPORT Serial No. 859 Name of Farm CAMPARILLS CREEK GOAL CO Well No. 10 Map. Sq. 33-39 County HANAWIA District MALDEN Name of Stream or Waters ... SPAING FORK OF CAMPAGLLS CK. Date DEGEMBER 12, 1935 Scale 100/320 On space below give tracing or sketch showing farm and well and distance from farm boundary lines. 50030 KATE ES. ELEVATION GROUND 362.51 I, the undersigned, hereby certify that this map is correct and shows all the information to the best of my knowledge and belief, required by the oil and gas section of the Mining Laws of West Virginia. Acknowledged before me, a Notary Public, this 20 day of December, 1935. Quad: Charleston

Malden-Campbell Creek (214)

JUN 29 1973

CU Jakas

Valden District, Kamerha County, V. Va. KAN-208 7

Located 4.03 mi. N. of 389 15° and 3.03 mi. N. of 81° 35° - SE - Charleston Quadrangle: 1.5 mi. N. N. of Dans and 1.65 mi. N. E. of Malden.

Mevation, 36% L.

Drilling commenced April 1, 1936; completed, June 14, 1936.

Griskany gas well: initial open flow, 330,720 cm. ft.: open flow after tubing, 744,250 cm. ft.

Rock pressure, 1100 lbs. in 37 hrs.

Rearly complete semples from 1178 to 4736 examined by J. H. G. Mertons. Some of the samples from the Mauch Chunk and uppor part of the Greenbrier appear to be mixed and the top of the Greenbrier is not regarded as very definitely located.

Record on pp. 184-185 of Deep-Well Records Report of W. Vs. Gool. Survey, 1976.

Taran San San San San San San San San San S			
	Dottes,		
	- 1133	5	Sandstone, white, fine
	- 1200	17	Linestone, gray, dolomitic
	• 1.77	28	Insectore, gray to brownish, fairly dark; contains a
1215	- 127 0		Limestone, nearly white; small amount of soft gray shale
1270	· 22/1	2.1	Masstone, very light brown, sandy: contains a few colites
	• 1.	1.7	Limestone, brown, fessiliferous, 90%; soft gray shale, 10% CREARBEINE LIMESTONS, 167 FROM
1256.	1 266	10	Livestone, nearly white; sucll amount of soft gray and
			Creen chale
1266	1716	5,0	Libertone, light-brown to nearly white
	- 1325		Limentone, light-brown, very sandy, colitic: gas at 1325
		17	
1717	- 1 500	17	Linestone, white to very light brown; mostly sandy and
and the same		****	
1760	-,1362	20	Linestone, light-brown, very sendy and colitie
1 2 2 2	1/01		Limentane, nearly white, delenitie
	m 1/1/1		Limestone, light-yellow, candy, and collitic
			Macabagy Workston, 6. That
-	- 1452	33	Sanistane, white to light-green, with some spots of red;
	D. 40 L. 1987		mostly fine but contains a few scattered coerse grains
	- 1/5/	14	
lijo.	- 1 463		Sandstone, red, with some green, very fine, 60%; red and
5 97 599 1 1			gray siltstone and silty shale, 40%
1463 -	- 147 0	7	Siltatone and shale, red, 80%; gray shale, 20%
			900ChO-1008A11Ch. 386 NORS
2470	* 7578	₩.	Siltstone and silty shale, gray, 60%; very fine gray send-
11.7%	- 1 481	***	
	- 1491	10	Sandstone, white and light-red, fine, 60%; gray silty shale,
			A CONTRACTOR OF THE PROPERTY O
14,72	- 1514		Shele, grey, very silty, 70%; very fine light-grey sends tone,
1514			Sandstone, green, very fine, silty, 50%; red very fine sandstone, grading into siltatone, 50%; gray shale, 20%
1501.	- 1526	Ø.	To compare the comment of the commen
			Sendstone, light-groy, very fine, 60%; grey chole and
1570.	1 547	17	Siltstone and cilty shale, gray
		***	No semle
* ". A. I.	Mrs. Jan.	3	A CONTRACTOR OF THE CONTRACTOR

0p.	Dot	\$00.0	Dicknes:	
1550	· 1			Sandstone, light-gray, fine, pyritic, 60%; gray shale,
1553 1563			2	Sandstone, as above, 40%; gray shale, 60% Shale, gray, with silty and sandy streaks; mostly contains about 10 to 20% of nearly white fine to very fine sand- stone
1639	1	760	123	Shale and miltotone, gray
1779				Schdstone, light-gray, very fine; contains some darker micaceous streaks; the greater part of this interval is almost a siltetone
1817			See Fall	Shale and miliatone, gray
1845			1.0	Shale, very dark gray (Sunbury Shale)
2.355 5	dia .		ds white	Sendstone, white, fine (Berea Sendstone; thickness estimated from proportion of sendstone in sample representing 8-foot thickness) DEFORMAN MEANUE, 2809 FER
1 .2756	w 1	997		Siltstone and shale, gray; also some green and brown siltstone
1957 171				Shale, grayich-red, 30; gray shale and siltstone, 70% Shale and siltstone, gray
san pro-	- 1	993		Sandstone, light-gray, with some green and brown, very fine
1993	esta g	717		Shele, grayfab-red, cilty, 20 to 30%; gray chale and cilt- stone, 60 to 70%
2017			1.0	Siltstone and shale, gray
2 1 55	- 4		200	Shales and siltstones, gray to black; there are many gaps in the samples, which were not examined in detail manages will a supply 96 Funt
4665	ecore d	761	96	Chert and cherty limestone (RICANI GAMESTONE, 29 TEST
1:761	<i>k</i>			Sandstone, nearly white; samples not described in detail ("lime" reported at 4775-4782; gas at 4764 and 4767)
4790			•	Limeatone Notel depth

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STATE OF WEST VIRGINIA DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORDS

Compared Creek Coal Co. Acres 230 Creek Coll Co. Acres 230 Creek Coll Co.	Storage				
	(Kind)				
Address Box 1473, Charleston, W. Va. 2	5325			Left	
Farm Campbells Creek Coal Co. Acres. Location (waters) Spring Fork of Campbel	230 ls Creek	Size			
Well No. 10-859 Elev.	863				
District Malden County Kanaw	<u>'ha</u>		17	17	
		And the same of th	384	384	The state of the s
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Address Amherst Coal		7			
Company Address Lundale, W. Va.	Att	Section to the Printer of Strategies of the Columnia of Strategies of the Strategies	4665	350	
Drilling Commenced April 1, 1936					
Drilling Completed. June 20, 1936	*	3			
luitial artin flav	bbls.	2			A A Sa Mark Hotel And A Sa Mark Hotel A A Sa Mark Hotel And
Final production 331 M cu. ft. per day	bbls.	Liners Used		*	
Well openhrs. before test_1	100 RP.		the State of the S		
Well treatment details:					e a se como de la como La como de la como de
Well fractured 8/1/73 with 20,200	gal. water	and 30,000#	sand, down	3-1/2 t	ubing under
Lynes inflatable packer. Producti	ty of this	well does no	t appear	to have b	oriskany in
with the frac treatment. Well had	been plug	ged back to E	Big Injun	from the	<u> </u>
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Sand	704	933	Salt V	Vater @867	' - hole full
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Lime	943	1000			

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Slate	1223	1228		
Lime	1228	1243		
Slate	1243	1247		
Big Lime	1247	1426	Show of gas	@1325
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Corniferous Lime	4665	4761		211 14LM
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Corniferous Lime	4775	4782	Gas @4767	50/10 Water in 2" 298 $^{\circ}$ decreased to 8/10 in 2" $^{\circ}$
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Date :August 14, 19 73

Cabot Corporation Owner

By C. Crown Production Manag



STATE OF WEST VIRGINIA

DEPARTMENT OF MINES



Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

Well No District	Campbe waters) Spr 10 - 89 Malden	abot Corpor 473,Charles ells Creek ring Fork o 59 Carleste BE NOTIFIED PH:	con, W.Va. Coalcres 2 of Campbell Elevation County	30 s Crk 863 Kanawh
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artment of	Mines at C	Charleston, West	virgina.	•
	~	CABOT CORPOR	RATĮON .	
Very truly's	yours,		\mathcal{L}	•
Very truly's	yours, By:	Pary C.	<u>Ogn</u>	·
	By:	Dorey C. Well Operator	<u>Gar</u>	
Very truly's	By:	Pary C.	<u>Gar</u>	
Very truly's	By:	Dorey C. Well Operator	<u>Ggr</u>	•
Very truly' 3 Sign Name)	By: B	Well Operator Sox. 1473 Street Charleston	<u>Ggu</u>	•
Very truly' 3 Sign Name) s	By: B	Well Operator Box: 1473 Street	- Ogu-	•
Very truly' 3 Sign Name) s	By: B	Well Operator Sox. 1473 Street Charleston		•
t -	above name as x and a an	above named farm or ted as recorded on Page REDRILL BEFORE JUNE 5, 1 licensed land surveyout otified that any objected with the Department registered mail, or delived.	and recorded 19 and recorded on the Page REDRILL X FRACE BEFORE JUNE 5, 1969. licensed land surveyor and all coal otified that any objection they wish ed with the Department of Mines wi	above named farm or tract of land for oil and gas, ted as recorded 19 by and recorded on the day of Page X FRACTURE OR ST. BEFORE JUNE 5, 1969. licensed land surveyor and all coal owners and/outfied that any objection they wish to make, or a fed with the Department of Mines within ten (10) registered mail, or delivered to the above named coal coal owners.

*SICHOUS.... If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plot by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a period the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

BLANKET BOND

Man-208 PERMIT NUMBER

- Lervey

THIS IS AN ESTIMATE ONLY ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO	DRILL	DEEPENX	PRACTURE-STIMULATE
DRILLING CONTRACTOR: (If I	Known)	RESPONSIBLE AGEN	
NAME	4	NAME Percy	C. O'Quinn
ADDRESS		ADDRESS Box 14	173,Charleston, W.Va. 25325
TELEPHONE		TELEPHONE 342-81	_66 .
ESTIMATED DEPTH OF COMPLI	ETED WELL: 4796		CABLE TOOLS X
PROPOSED GEOLOGICAL FORM			the state of the state of
TYPE OF WELL: OIL_	GAS X	COMB. STORAC	SE DISPOSAL
gradia. Biga Albania (1985) and an anni anni anni anni anni anni an	RECYCL	NG WATER FI	LOOD OTHER
TENTATIVE CASING PROGRAM			
		LEFT IN	CEMENT FILL UP
CASING AND TUBING SIZE	USED FOR DRILLING	WELL	OR SACKS - CUBIC I'T.
20 - 16	announced to the contract of t	genzier Culture (seguennech, deuts vollente et Ambier (harte der rennuer Umanuer Une um ein den er Andere Ander	
13 - 2428	17	17	
रञ्ग्रस्ट्र श् रस् 10	384	384	
8 - 5/8	1402	1402	
7			
	4665	0	
4 1/2			Perf. Top
3	4796	0	Perf. Bottom
Liners			Perf. Top
×			Perf. Bottom
OF PLAT. • TO DRILL DEEPER OR REDRIE	OF OG - 1, \$100.00 PERM	MIT FEE, PERFORMANCE	BOND AND PERMANENT COPY
	TO 1929, A PERMANENT		D THE ORIGINAL WELL RECORD
TO FRACTURE - STIMULATE:			
	PRIGINALLY DRILLED BEF F AND ORIGINAL WELL R		5) COPIES OG - 1, PERFORMANCE
	RIGINALLY DRILLEDON JMBER, AND PERFORMANC		1929, FIVE COPIES OG - 1, SHOW-
Required forms must be file four (24) hours in advance.	ed within ninety (90) days of	completion for bond relea	se. Inspector to be notified twenty-
The following waiver must thereof.	be completed by the coal c	perator if the permit is to	be issued within ten days of receipt
	ent forned and place on our mine		vner or Operator of the coal under ocation.
Water and the second			d well being drilled at this location,
			and 7, Chapter 22 of the West Virginia
Coue.		and the second second	
			For Coal Company

Official Title

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVSION OF OIL AND GAS

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVITE SHOULD BE IN TRIFLICATE, one copy mailed to the Division, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

Farm name:	BUCKSKIN BO	DY SCOUTS OF	AM Operator	Well No	.:10-859	
LOCATION:	District: Latitude:	862.51 Q MALDEN 9285 Feet 8740 Feet	C South of 38	Counts: K Des. 20	ANAWHA Min. 0	
	Charleston,	Gas Corp. 73 WV 25325	or Owr	rer _		
Adent: Inspector: Permit Issu					Arch of W % Ark Lan P. O. Box Accoville	V, Inc. d Co., 308 , WV 25606
		A	FFIDAVIT			
	ST VIRGINIA					
	Kanawha					
Ra	O Sharris			\mathcal{T}_{α}	la Tale.	being being
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						e experienced
In the Wor	k of Plussii	ation	ns oll and s		ano were	e employed by
Capor Oir	das corpor		, well oper	rator, ar	o partic	ipated in the
on the	ussins and 26th day	filling the of Septembe	er 1988,	that sa and that	the wel	was commenced l was pludded
and filled	in the follo	owing manne	r:	pro, rep. pro, pro		LEFT 242
. 17	t'E	FRUM	1 U	PIPE	KEMUVEL	LEFI
ICI-A Neat		1504	1060	18-5/8"	cse-1160	242
6% Ge1		1060	960	110" csa	0	13841
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Rocori	eties of so	Vent	ed monument	w/ API#	DEPART	MENT OF ENERGY
1975 B 4 1 18	Fishir or mor	11,111117711177				tt.t-itatec
and th	at the wor	v of eluddi	ng and fill	ind eaid	well was	completed on
the 28th	day of S	eptember	. 1688 .	1	***************************************	
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And furthur	deronents	saith not.	1	homes	17 Jul	٠
Sworn and s My commissi	() súbscribe be	fore me this	184 day	Drillin of _ A		tendent
	on expires:	march S	,.1289 		tary Pub	Millen

→ FORM WR-38 (Affidavit of Plugging)

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY OIL AND CAS WELLS DIVISION

AFFIDAVIT OF PLUGGING AND FILLING WELL (Partial Plug Back to Base Of Big Injun)
AFFIDAVIT SHOULD BE MADE IN TRIPLICATE, one copy mailed to the Division, one copy to
be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

(NOT OPERATED)		Cabot Oi	L & Gas Corporat	ion					
Coal Operator or Owner		Name of Well Operator							
		P. O. Box	x 1473, Chas., V	VV 25325					
Address		-							
Arch of WV, Inc., % Ark	Land Co.		February 24.	19 89					
Coal Operator or Owner	MANAGEMENT AND ADMINISTRATION OF THE PROPERTY	WE							
P. O. Box 308, Accoville	e, WV 25606		Malden	District					
Address	Martin Control of the		Harden	Well Operator , Chas., WV 25325 ete Address ary 24. 19 89 LOCATION District A County Me #10 API #47-39-00 Out Council Farm WN are experienced in the by Cabot Oil & K of plugging and fill day of January Ing manner: Lugs Used Casing Zee & Kind Puller LEFT IN 25 CSG BY LUBING 4771 45 WISION OF OIL CAS ARTMENT OF ENERGY Scription of Monument (Partial Plugging) Poleted on the 9th day					
	Name of Well Operator P. O. Box 1473, Chas., WV 25325 Complete Address Inc., % Ark Land Co. erator or Owner 08, Accoville, WV 25606 Address r Property Owner WELL AND LOCATION Malden District Kanawha County WELL NO. Blue Flame #10 API #47-39-01 Address SUPERVISING PLUGGING UNKNOWN AFFIDAVIT IRGINIA, Kanawha ss: UNKNOWN and UNKNOWN AFFIDAVIT IRGINIA, Kanawha ss: UNKNOWN and UNKNOWN AFFIDAVIT IRGINIA, Kanawha shilling oil and gas wells and were employed by Cabot Oil & cabot Oil								
Lease or Property Owne	r		Kanawna	Country					
			D1 #10 15						
Addrace		WELL NO. BIT	ie Flame #10 AP1	<u>#47-39-0</u>	<u>00</u> 208				
naar coo				_					
		Buckskin I	<u> Boy Scout Counci</u>	1 Farm	n				
STATE INSPECTOR SUPERVISING PL	UGGING UNK	NOWN							
	A 77 77 7 7 1 1 1		•						
	AFFIDAV	/IT							
STATE OF WEST VIRGINIA,									
County of Kanawha	ss:								
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	ing to law depor	and cay the	UNKNOWN						
work of plugging and filling of	oil and oas well	se and say that Is and were em	nloved by Calar	nceu in the	=				
Gas of WV . well or	perator, and par	rticipated in	the work of pluggi	$\frac{v + 1}{v}$ ng and fil	<u> </u>				
ing the above well, that said	work was commen	nced on the	6th day of .1	annary	_				
19 <u>54</u> , and that the well wa	as plugged and f	filled in the	following manner:	<u>andry</u>	- '				
Sand or Zone Record	Filling Mate	erial	Plugs Used	Casino	\dashv				
Formation				1	1				
			<u> </u>	PULLED LEFT I					
Oriskany 4761'-4775'			5-1/2" casing	4315 35	y				
	~ ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		2-3/8" tubing	4771 4	5				
			15201	+					
			1320		-				
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			MARCHIN						
			A Lab	8					
			FEB 28 19	89 24	_				
			- Physical Art - Communication of the Communication	+	\dashv				
					-				
			TO THE THE THE TOP	HAFK!	_				
Coal Seams			Description of	Monument					
			 						
(Name)			None (Partial	Plugging)					
(Name)					-				
(Name)			 		\dashv				
			1		=				
and that the work of plu	gging and filli	ng said well v	vas completed on th	ie <u>9th</u> day	У				
of <u>March</u> , 19	<u>54</u> .		11 21						
And further deponents sa	ith not.	_ YM	ma Ho Tohk						
		Dr:11	ing Superinted	ont					
Supra to and authoritied before	0 = 0 = 0 = 0 = 1	V - DI 111	Ing supenintend	ent c	5				
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		To	enmille		···				
			Notary Public	h ann	0 198				
My commission expires:	\bigcirc				•				
March. 5 198	4		Permit No.	739- 020	18-17				