

AMHERST INDUSTRIES, INC.  
 TAX MAP 18 PARCEL 31  
 DEED BOOK 2027 PG. 252  
 230.09 AC.

EXISTING W.D. LEWIS NO. 1  
 API NO. 47-039-0177

AMHERST INDUSTRIES, INC.  
 TAX MAP 18 PARCEL 30  
 DEED BOOK 2027 PG. 252  
 184 AC.

EDWARD M. HOOVER  
 TAX MAP 17 PARCEL 14  
 DEED BOOK 1408 PG. 311

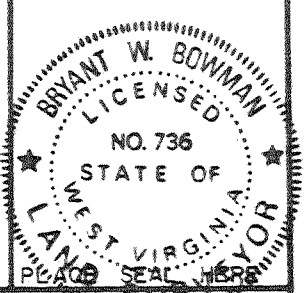
SURVEY TIES

- (A) = N86°32'00"W ~ 165.000'
- (B) = S14°52'09"W ~ 1253.711'
- (C) = N22°02'09"E ~ 1296.461'

0625 7.5' loc 15'  
 38°20' 1.695 1.695  
 81°30' 2.240 2.240  
 ok

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY 1/5000  
 PROVEN SOURCE OF ELEVATION BM 613 ± 4300'  
WEST OF LOCATION

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.  
 (SIGNED) Bryant Bowman  
 R.P.E. \_\_\_\_\_ L.L.S. 736



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 FORM IV-6  
 (8-78)



DATE MAY 1 1985  
 OPERATOR'S WELL NO. W.D. LEWIS NO. 1  
 API WELL NO. 47-039-0177-P  
 STATE COUNTY PERMIT

Department of Mines  
 Oil & Gas Division

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS", PRODUCTION \_\_\_ STORAGE \_\_\_ DEEP \_\_\_ SHALLOW \_\_\_)  
 LOCATION: ELEVATION 1244' WATER SHED CAMPBELLS CREEK OF KANAWHA RIVER  
 DISTRICT MALDEN COUNTY KANAWHA  
 QUADRANGLE CHARLESTON EAST +15' SE  
 SURFACE OWNER AMHERST INDUSTRIES INC. ACREAGE 184  
 OIL & GAS ROYALTY OWNER \_\_\_\_\_ LEASE ACREAGE \_\_\_\_\_  
 LEASE NO. \_\_\_\_\_  
 PROPOSED WORK: DRILL \_\_\_ CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE \_\_\_ PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION \_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_  
 PLUG AND ABANDON X CLEAN OUT AND REPLUG \_\_\_\_\_  
 TARGET FORMATION \_\_\_\_\_ ESTIMATED DEPTH \_\_\_\_\_  
 WELL OPERATOR CABOT OIL & GAS CORP. OF WY DESIGNATED AGENT ROBERT E HORRELL  
 ADDRESS PO BOX 628 CHARLESTON WY ADDRESS PO BOX 628 CHARLESTON WY  
 6 to Camp Well Creek - Malden (214) DEEP WELL

OCT 28 1985

Kanawha 177  
 D. H. ...

WM. D. LEWIS NO. 1 (843) WELL.

Malden District, Kanawha County, W. Va.  
 By Godfrey L. Cabot, Inc., Charleston, W. Va.  
 On ridge south of Campbell Creek, 0.9 mi. S. E. of Dana (Reed P. O.), 1.2 mi.  
 S. W. of Coal Fork, and 1.1 mi. N. E. of Malden.  
 4.05 mi. N. of 38° 15' and 2.42 mi. E. of 81° 35' - SE - Charleston Quadrangle.  
 Elevation, 1249' L.  
 Contractor, Fink & Buckner, Charleston, W. Va.

0 - 12	Surface	965 - 970	Slate
12 - 50	Sand	970 - 1135	Sand (hole full water at 1015')
50 - 60	Blue mud		
60 - 170	Sand	1135 - 1150	Slate
170 - 190	Slate	1150 - 1165	Lime
190 - 195	Coal	1165 - 1425	Salt Sand
195 - 230	Slate	1425 - 1440	Slate
230 - 235	Coal (2 boilers water per hour at 230')	1440 - 1523	Sand
		1523 - 1545	Slate
235 - 280	Sand	1545 - 1620	Maxton Sand
280 - 283	Coal	1620 - 1650	Little Lime
283 - 305	Sand	1650 - 1660	Slate
305 - 310	Slate	1660 - 1665	Lime
310 - 350	Lime	1665 - 1670	Pencil Cave
350 - 440	Slate and shell	1670 - 1835	Big Lime
440 - 475	Sand	1835 - ....	Keener Sand
475 - 490	Slate	.... - 2285	Slate
490 - 530	Sand	2285 - 2292	Shale
530 - 555	Slate	2292 - 2626	Slate and shell
555 - 560	Coal (hole full water at 560')	2626 - 3340	Slate and shell
		3340 - 3465	Slate and shell
560 - 625	Slate	3465 - 3680	Shale
625 - 631	Coal mine	3680 - 3830	Slate
631 - 648	Slate	3830 - 4200	Shale
648 - 700	Sand	4200 - 4810	Slate and shell
700 - 730	Slate and shell	4810 - 4950	Brown shale
730 - 830	Lime	4950 - 5020	Shale, black
830 - 965	Sand	5020 - 5049	Corniferous Lime

DRILLING

1.8 S 38°20'  
2.11 W 81°30'  
Charleston quad  
SE

177

OIL OR GAS WELL Gas Well

Godfrey L. Cabot, Inc. Company  
801 Union Trust Bldg. - Charleston, W. Va. Address

COMPLETION DATA SHEET  
No. 2

WELL No. 1-SR-848 FARM W. D. Lewis  
Malden District - Kanawha County

FORMATION RECORD

Name	Color	Character	Oil, Gas or Water	Top	Bottom	Thickness	Total Depth	Remarks
Drilling commenced September 9, 1935. Drilling completed, July 22, 1936. Well was shot July 23, 1936 with 30 qts of glycerine - Rock pressure 1100 lbs in 24 hours. Volume 1,136,700 cu. ft.								
Surface				0	12			
Sand				12	50			
blue mud				50	60			
Sand				60	170			
slate				170	190			
COAL				190	195			
slate		fresh water 230' - 2 bailers per hr.		195	230			
COAL				230	235			
Sand				235	280			
COAL				280	283			
Sand				283	305			
Slate				305	310			
Lime				310	350			
Slate and shells				350	440			
Snd				440	475			
Slate				475	490			
Sand				490	530			
Slate				530	555			
COAL		fresh water 560' hole full		555	560			
Slate				560	625			
COAL MINE				625	631			
Slate				631	648			
Sand				648	700			
Slate and shells				700	730			
Lime				730	830			
Sand				830	965			
Slate				965	970			
Sand		Salt water 1015' hole full		970	1135			
Slate				1135	1150			
Lime				1150	1165			
Salt Sand				1165	1425			
Slate				1425	1440			
Sand				1440	1523			
Slate				1523	1545			
Maxon Sand				1545	1620			
Little Lime				1620	1650			
Slate				1650	1660			
Lime				1660	1665			

SEE NEXT PAGE

shot  
Well was not shot at ..... feet; well was shot at ..... feet.

Salt  
Fresh water at ..... salt  
feet; fresh water at ..... feet.

producing  
Well was ..... hole.  
dry

..... Date Approved ..... Owner

NOTE: All bottom formations must be noted as indicated above and all key-rocks and oil and gas sands must be recorded under their proper geological names in the district as well as any local names commonly used in the district for such strata.

Company

COMPLETION DATA SHEET

Address

No. 2

WELL NO.

FARM

FORMATION RECORD

Name	Color	Character	Oil, Gas or Water	Top	Bottom	Thickness	Total Depth	Remarks
Page No. 2 - W. D. Lewis - Well No. 1 - Serial 843.								
Pencil Cave				1665	1670			
BIG LIME				1670	1835			
KREMER SAND				1835	1860			
BIG INJUN SAND				1860	1880			
Slate and shells				1880	2285			
Shale				2285	2292			
Slate and shells				2292	3465			
Shale				3465	3680			
Shale				3680	3830			
Shale H				3830	4200			
Slate JA				4200	4540			
Shale				4540	4650			
Slate				4650	3810			
Brown Shale en				4810	4950			
Shale				4950	5078			
CORNIFEROUS LIME				5078	5179	SLM 5109		
ORISKANY SAND		Gas 5180-83 - 3/10ths water in 2"		5179	5210			
Holdenberglime		Gas 5187-88 - 16/10ths water in 2"		5210	5219	SLM 5219		

shot  
Well was not shot at ..... feet; well was shot at ..... feet.

Salt  
Fresh water at ..... salt  
feet; fresh water at ..... feet.

producing  
Well was ..... hole.  
dry

..... Date ..... Approved ..... Owner

NOTE: All bottom formations must be noted as indicated above and all key-rocks and oil and gas sands must be recorded under their proper geological names in the district as well as any local names commonly used in the district for such strata.

GODFREY L. CABOT, INC.  
WELL RECORD

Kanawha 177  
DEEPWELL

SERIAL NO. 843 LEASE NO. \_\_\_\_\_ OPERATING DIST. AWB MAP SQUARE \_\_\_\_\_

RECORD OF WELL No. <u>1</u> on the		CASING AND TUBING			INITIAL OPEN FLOW	
<u>Wm. D. Lewis</u> Farm of	Acres	SIZE	USED IN DRILLING	LEFT IN WELL	10ths	of Water in inch
in <u>MALDEN</u> District		16			10ths	of Merc. in inch
<u>KANAWHA</u> County		13			Volume	Cu. ft.
Field, State of		10			SHOOTING RECORD	
		8 1/4			Date Shot	
Rig Commenced	19	6 5/8			No. of Quarts	
Rig Completed	19	5 3/16			OPEN FLOW AFTER TUBING	
Drilling Commenced	19	3			10ths	of Water in inch
Drilling Completed	19	2			10ths	of Merc. in inch
Drilling Cost	per foot	TUBED & SHUT IN			Volume	Cu. ft.
Contractor is:		Date			Rock Pressure	Lbs. Hrs.
Address:		Size of Packer			24 HR. PRODUCTION TEST AFTER TUBING	
		Kind of Packer			M. Cu. Ft.	Line Pres.
Drillers' Names		Packer Set, Depth			OIL PRODUCTION	
		Size of Anchor			Oil Flowed	Bbls. 1st 24 Hrs.
		Perf.—Top	Bot.		Oil Pumped	Bbls. 1st 24 Hrs.
		Perf.—Top	Bot.		Well Abandoned and	
Elevation	<u>1249</u>				Plugged	19

FORMATION	COLOR	TOP	BOTTOM	STEEL LINE MEASUREMENTS	HARD OR SOFT	OIL, GAS OR WATER	DEPTH FOUND	DISTANCE ABOVE OR BELOW S. L.	REMARKS
BROWN SHALE		4810	4950						
SHALE	BLACK	4950	5078						
CORNIFEROUS		5078	5179						
ORISKANY		5179	5210			Gas	5180 1/2 - 83	8/10 W2"	119M
HELDERBERG		5210	5219			"	5187 - 88	1 1/10 W2"	169M
TOTAL DEPTH			5219						
									Shot 30 qts 5180-95
									Before shot 2 1/10 W1"
									After shot 4 1/10 hg 2"
									FROZEN OFF 189M
									1008M

Note:

Record of bottom of hole only.

**RECEIVED**  
NOV 25 1985

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPPLICATE, one copy mailed to the Department, 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.

Amherst Industries, Inc.  
Coal Operator or Owner  
Port Amherst, Charleston, WV 25306  
Address

Cabot Oil & Gas Corp. of WV  
Name of Well Operator  
P.O. Box 454, Glasgow, WV 25086  
Complete Address  
November 22 19 85

Coal Operator or Owner  
Address

WELL AND LOCATION  
Malden District  
Kanawha County

Amherst Industries, Inc & Edward M. Hover  
Lease or Property Owner  
Port Amherst 288 Campbells Ck. Dr.  
Charleston, WV 25306 Charleston, WV 25306  
Address

WELL NO. #1  
W. D. Lewis Farm

STATE INSPECTOR SUPERVISING PLUGGING Carlos Hively

AFFIDAVIT

STATE OF WEST VIRGINIA,

County of Kanawha

ss:

William Shreve (Shreve's Well Ser.) and C. E. McClure  
being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Cabot Oil & Gas Corp. of WV, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 28 day of October, 19 85, and that the well was plugged and filled in the following manner:

Sand or Zone Record Formation	Filling Material	Plugs Used Size & Kind	Casing	
			CSG PULLED	CSG LEFT IN
5219-5130'	Class A cement	Cut 5 1/2" casing	2300'	2808'
5130-1050'	6% gel			
1050- 950'	Class A cement	Cut 7" casing	1000'	1300'
950- 740'	6% gel			
740- 631'	Class A cement	Cut 8-5/8" casing	740'	1136'
631- 600'	6% gel			
600- 500'	Class A cement	13" casing		15'
500- 330'	6% gel			
330- 170'	Class A cement	Set cast iron bridge		
170- 50'	6% gel	plug in 7" casing		
50' to surface	Class A cement	@ 1050'		
		Set umbrella plug		
		@ 600'		
		<i>W.D. Lewis</i> 1/17/86		
Coal Seams	Description of Monument			
(Name) 190-195'	7" casing monument			
(Name) 230-235'	with API number			
(Name) 280-283'	welded on.			
(Name) 555-560'				

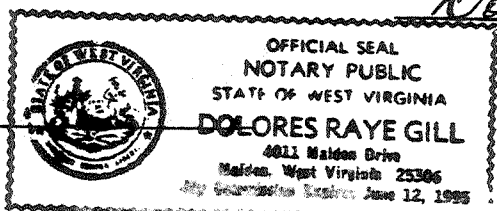
and that the work of plugging and filling said well was completed on the 1 day of November, 19 85.

And further deponents saith not.

C. E. McClure  
William Shreve

Sworn to and subscribed before me this 22 day of November, 19 85.

Dolores Raye Gill  
Notary Public



My commission expires:  
June 12, 1995

Permit No. 47-039-0177 P

JAN 27 1986

DEEP WELL