

Malden District, Kanawha County, W. Va.

By Godfrey L. Cabot, Inc., Charleston, W. Va.

On ridge south of Campbell Creek, O.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 | 10 | Surface | play for your play they | au M |
|------------------------|--------------|--|----------------------------|-----------------------|
| | | | 965 - 197 0 | Slate |
| de C m | 57 | Sand | 970 - 1135 | Sand (hole full water |
| 50 - | 00 | Elue mud | | at 1 01 5') |
| . 60 - | | | 1135 - 1150 | Slate |
| 170 - | 190 | Slate | 1150 - 1165 | Lime |
| 190 - | 195 | Coal | 1165 - 1425 | |
| 195 - | 230 | Slate | 1425 - 1440 | Slate |
| 230 - | 235 | Coal (2 bailers water per | 1425 - 1440 1440 - 1523 | Sand |
| ~ | | hour at 2301) | 1523 - 1545 | Slate |
| 235 - | 280 | | 1545 - 1620 | Waxton Sand |
| 280 - | | | 1620 - 1650 | Tatile Time |
| 283 - | | | | Slate |
| 305 - | 310 | Slate | 1660 - 1665 | 7400 |
| 310 | 750 | Significant Control of the Control o | 1665 - 1670 | |
| 750 - | Tillio | Lime Slate and shell Sand | 1000 - 1010 | rendir cove |
| | 1175 | orate and anerr | 1670 - 1835 | |
| Jimes in | 712 | 222 | 1835 | |
| 475 - | 490 | Slate | 2285 | Slate |
| 490 - | 530 | Sand | 2285 - 2292 | Shale |
| 530 - | לככ | Slate | 22 9 2 - 2626 | Slate and shell |
| 555 - | 560 | Coal (hole full water | 2626 - 3340 | Slate and shell |
| | | at 5601) | 3340 - 3465 | Slate and shell |
| 560 - | 625 | Slate | 3465 - 3680 | Shale |
| 625 - | 631 | Coal mine | 3680 - 3830 | Slate |
| 631 - | 6 <u>4</u> 8 | Slate | 3830 - 4290 | Shale |
| 63 1 - 648 - | 700 | Sand | | Slate and shell |
| 700 - | 720 | Slate and shell | | Trawn cholo |
| | | | 10E0 = 1300 | Shale, black |
| 730 - | | Lime | | |
| 830 - | 700 | DALL | 20147 - 2047 | Comiferous Lime |
| | | | | DRILLING |

Godfrey L. Cabot, Inc.

Charleston, W. Va.

COMPLETION DATA SHEET

No. 2

WELL No. 1-87-845

shot

Well was not shot at

Date

FARM We De LOWIS

FORMATION RECORD

| Drilling communed September 9, 1935, | Name | Color | Character | Oil, Gas or Water | Top | Bottom | Thickness | Total Depțh | 1 | Remarks |
|--|--|---|--|--|--------------------|----------------|--|----------------|--|---------|
| Well was shot July 22, 1936 with 30 qts of glyceries - Rock pressure 1100 lbs in 26 m Volume 1,136,700 ou. ft. | Dri | lling comme | meed September | P. 1935. | | | | | Ellerholmente (en jour | |
| Volume 1,136,700 one fte | | | | | en Ar en | *** | | | e de la companya de l | |
| Surface | | | | itia 30 que o. | r glyc ar i | ne - Rook | pressure | 1100 | lbs | in 24 l |
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Salt
Fresh water at feet; fresh water at feet

producing
Well was hole.
dry

Approved

_____feet; well was shot at_____

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.

| 5 8 | 00 | CAC | WITT I | | | | |
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| | | | Company |
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| | | | Address |
| | | and the residence of the same and the same a | 1.00 |

WELL NO.

Salt

Well was

Fresh water at.....

hole.

COMPLETION DATA SHEET

No. 2

FORMATION RECORD

| Name | Color | Character | Oil, Gas or Water | Top | Bottom | Thickness | Total Depth | Remarks |
|--|-------------|--|--|--|--|-------------|---------------------------|--|
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| Shale | 3443 | | | 3 46 8 | 4 | | | |
| Slate | 11.00 | | | 3670 | 3680 | | | |
| Shale H | | | | | 3830 | | | |
| Slate JA | | | | 3830 | 4200 | | | |
| | | | | 4200 | 4540 | | | |
| Shale Slate | | | | 4540 | 4650 | | | |
| Brown Shale | | | | 4650 | 3810 | | | |
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| Heldemberg L | Lme | Gas 5187-88 - | 16/10ths | 5210 | 5219 SL | 4 281a | | |
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Date

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.

____feet; fresh water at.

Well was not shot at ______feet; well was shot at

GODFREY L. CABOT, INC. WELL RECORD

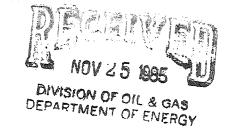
Rancusha 177 DEEPWELL

| SERIAL N | 0.070 | | EASE N | O | Condition of products | in a second | OPERA | ATING I | DIST | | WE MAPS | QUARE | ne tribine in the construction |
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| | ************************************ | | and the second s | | | 87 | 4 | | | | Date Shot | | |
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| Drilling Commence | d _. | | | 19 | | 3 | | | | | of W | ater in | inc |
| Drilling Completed | | | | 19 | | 2 | | | | | i e | erc. in | inc |
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| Contractor is: | | | | | | Date | | | | | Rock Pressure | Lbs. | Hr |
| Address: | | | | | | Size | of Packe | er | | | | DDUCTION TES | 5T |
| | | | | | | Kind | l of Pack | ter | | | M. Cu. Ft. | Line Pres | 3. |
| Drillers' Names | | | | | | | ter Set, I | | | | OIL PR | ODUCTION | |
| | | | | | | Size | of Ancho | or | | | Oil Flowed | Bbls. 1st | 24 Hr |
| | | | | | | Perf. | .—Тор | | 3ot. | | Oil Pumped | Bbls. 1st | 24 Hr |
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SERIAL NO. _____TRACT_____WELL NO. ____OPTG. DIST. _____MAP SQUARE_

FORM IV-38 (Affidavit of Plugging)

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



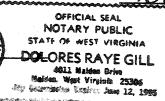
AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPLICATE, 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. | | Cabot | Oil & Gas Corp. of V | W | |
|--------------------------------------|---------------------------------------|-----------|----------------------|--|-------------|
| Coal Operator or C | | D 0 F | Name of Well Opera | | |
| Port Amherst, Charlestor | n, WV 25306 | F.V. E | Box 454, Glasgow, WV | | |
| Address | | | Complete Address | | |
| | 1 | · | November 22 | 1 | 9 <u>85</u> |
| Coal Operator or C | Wner | • | WELL AND LOCATION | | |
| | | | Malden | Distr | ict |
| Address | | | | | |
| Amherst Industries, Inc & | Edward M. Hover | • | Kanawha | Count | :y |
| Lease or Property | Owner 288 Campbells Ck.Dr. | | | | • |
| Port Amherst Charleston, WV 25306 | Charleston Wil 25206 WE | ELL NO. | #1 | | |
| Address | 23300 | | | | |
| | | | W. D. Lewis | | Farm |
| | | | We Do DOWLD | | - 2 42 24 |
| STATE INSPECTOR SUPERVISIN | IG PLUGGINGCATIOS HI | very | | | |
| | AFFIDAVIT | | | | |
| | mi i tun v a i | • | | | |
| STATE OF WEST VIRGINIA, | | | | | |
| County of <u>Kanawha</u> | . SS; | | | | |
| William Shreve (Shreve | e's Well Ser.) and | 1 | C F McClima | | |
| being first duly sworn acc | ording to law depose a | nd sav ti | hat they are experie | enced i | n the |
| work of plugging and filli | ne oil and gas wells a | ind were | employed by Cabot O | il e c | |
| Corp. of WV , wel | l operator, and partic | ipated i | n the work of pluggi | ing and | f111 |
| ing the above well, that s | aid work was commenced | on the | 28 day of Octo | oher | |
| 19 85, and that the wel | l was plugged and fill | ed in the | e following manner: | <u> </u> | |
| | | | | | |
| Sand or Zone Record | Filling Materia | 1 | Plugs Used | Ca | sing |
| Formation | | | Size & Kind | g. | CSG |
| | | | | PULLED 2300' | LEFTLE |
| 5219-5130' 5130-1050' | Class A cement | | Cut 5½" casing | 2300' | 2808 |
| 1050- 950' | 6% gel Class A cement | | Ost 71 ossiss | 10001 | 1200 |
| 950- 740' | 6% gel | | Cut 7" casing | 1000' | 1300 |
| 740- 631' | Class A cement | | · Cut 8-5/8" casing | 740' | 1136 |
| 631- 600' | 6% gel | | - Cuc 0-3/0 Casing | 740 | 11130 |
| 600- 500° | Class A cement | | 13" casing | | 15 |
| 500- 330' | 6% gel | | | | |
| 330- 170' | Class A cement | • | Set cast iron brid | ge | |
| 170- 50' | 6% gel | | plug in 7" casing | | |
| 50' to surface | Class A cement | | @ 1050' | | |
| | | | | | |
| | | | Set umbrella plug | | |
| | | 1-1-06 | @ 600" | | |
| | | 113/84 | 24 | | |
| Coal Seams | | • • | Description of | Monum | ent |
| (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 s | aid well | was completed on the | e <u>1</u> | day |
| of <u>November</u> , | 19 85 | <i>_</i> | | | |
| And further deponents | saith not. | C5 | mellen | | |
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| Sworn to and subscribed be | | | an sorm | | OE . |
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My commission expires:

June 12, 1995



Permit No. 47-039-0177 P

es Kaye o Notary Public

DEEP WELL