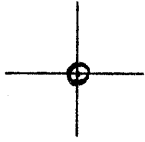


LATITUDE 39° 40' 00"



00, 51, 00 LONGITUDE

7'5 OGIS topo location

7.5' loc 0.525 15' loc _____
 1.81W (calc.) _____

WELL LOCATION MAP

File No. 061-0391

Quad WADESTOWN 7 1/2'

County MONONGALIA

District BATTELLE

Scale 1500 ± (topo)

Record of **Hope Natural Gas** Company
 No. **4266** **Camp Hrs** **Fairview**
 located on **Battelle** County **Monongalia** State **W. Va.**
 Location Made **4-22-16** First Work Done **4-22-16**
 Work Commenced **6-8-16** Rig Completed **6-16-16**
 Drilling Commenced **6-26-16** Drilling Completed **11-28-16**
 Contractor **H. N. G. Co.** Drilling Contractor **Hope Dr. Dept. State**
 Drillers **J. A. Smith** H. N. G. Co. Tools String No.
 Tool Dressers **J. H. Heeter**

| FORMATION | TOP | BOTTOM | Steel Line Measurements | Water Found Depth | Oil Found Depth | Gas Found Depth | REMARKS |
|-----------|------|--------|-------------------------|-------------------|-----------------|-----------------|------------------------|
| ve Coal | 760 | 765 | | | | | |
| burg Coal | 1121 | 1128 | 1121 | | | | |
| e Dunkard | 1497 | 1540 | | | | | |
| Sand | None | | | | | | |
| Salt | 1985 | 2141 | | 2015 | | | 2-boilers per hr. |
| oil Salt | | | | 2056 | | | Hole full |
| on | None | | | | | | |
| ce Lime | 2325 | 2330 | | | | | |
| il Cave | 2330 | 2336 | | | | | |
| Line | 2335 | 2394 | | | | | |
| Injun | 2394 | 2567 | 2394 | | | 2535 | show |
| ay | 2575 | 2604 | | | | | |
| sa | 2670 | 2685 | | | | | |
| tz | None | | | | | | |
| y Foot | 3039 | 3132 | 3039 | | | 3051 | 2/10 water 2" |
| ty Foot | 3167 | 3200 | 3051 | | | | |
| don Stray | 3280 | 3305 | 3280 | | | | |
| don | 3335 | 3355 | 3335 | 3352 | | | small show |
| rth | 3365 | 3409 | 3352 | | | 3403 | 7/10 water 2" |
| h | 3444 | 3504 | 3365 | | | 3495 | 8/10 mer. 2" from 4-ft |
| rd | | | 3403 | | | | and 5th sand. |
| al Depth | | 3523 | 3495 | | | | |
| | | | 3522 | | | | |

| SIZE | Charged to Well | | Put in Well | | Pulled Out | | Left in Well | | Transferred Before Completing | | Left at Well Not in Use | | If more than two strings of casing are left in hole, give reasons for leaving additional strings |
|----------|-----------------|-----|-------------|-----|------------|-----|--------------|-----|-------------------------------|-----|-------------------------|-----|--|
| | Feet | In. | Feet | In. | Feet | In. | Feet | In. | Feet | In. | Feet | In. | |
| 15" Csg. | | | | | | | | | | | | | 6 5/8" casing put |
| 10" " | 1442 | - | 1162 | 4 | | | 1162 | 4 | 258 | 10 | 20 | 10 | at 1995. 8 1/2" ma |
| 8 1/2" " | 1949 | 11 | 1778 | 9 | | | 1778 | 9 | 171 | 2 | - | - | left in to case of |
| 5.8" " | 2532 | 2 | 2272 | 9 | | | 2292 | 9 | 239 | 5 | - | - | a bit and is settin |
| 3.16" " | 2778 | 9 | 2401 | - | | | 2401 | - | 367 | 9 | 10 | - | on the 10" casing |
| Thg. | | | | | | | | | | | | | |
| | | | | | | | | | | | | | 061-0391 |

PACKER RECORD

| SIZE | KIND | Amount Anchor | Amount Above Anchor | REMARKS |
|-------|------|---------------|---------------------|------------------------------------|
| 10 | Shoe | | 1142 | Steel line measurement of shoulder |
| 8 1/2 | " | | 1776 | " " " " |
| 6 5/8 | " | | 2275 | " " " " |
| 5 1/2 | " | | 2275 | " " " " |

SHOOTING RECORD (If shot before or upon completion of well)

| DATE | Quarts | Top of Shell | Bottom of Shell | Diameter | Sand | Test Before Shot | | | Test After Shot | | | Test Taken After Shot No. Hours | By Whom Shot |
|------|--------|--------------|-----------------|----------|------|------------------|--------|---------|-----------------|--------|---------|---------------------------------|--------------|
| | | | | | | Reading | Liquid | Opening | Reading | Liquid | Opening | | |
| | | | | | | | | | | | | | |

CEMENTING RECORD

Date Cemented.....Size Hole Cemented.....Size Casing Cemented.....
 Top Pittsburg Coal.....Top Cementing.....Amount Cement Used.....
 Bottom Pittsburg Coal.....Bottom Cementing.....Amount Sand Used.....
 Mr.....of.....Coal Company on ground when coal was cemented
 Remarks: **Not cemented** Signature of persons who cemented well
 Well Book **17, 1917**
 Lease Book
 Wall Map **DEC 6 1916** J.C.L.
 Line Map **JAN 2 1917** A.J.D.
 Echoes **DEC 19 1916** H.B.V. Approved by **...** Foreman

HOPE NATURAL GAS COMPANY

LOCATION FOR WELL No. *4266*

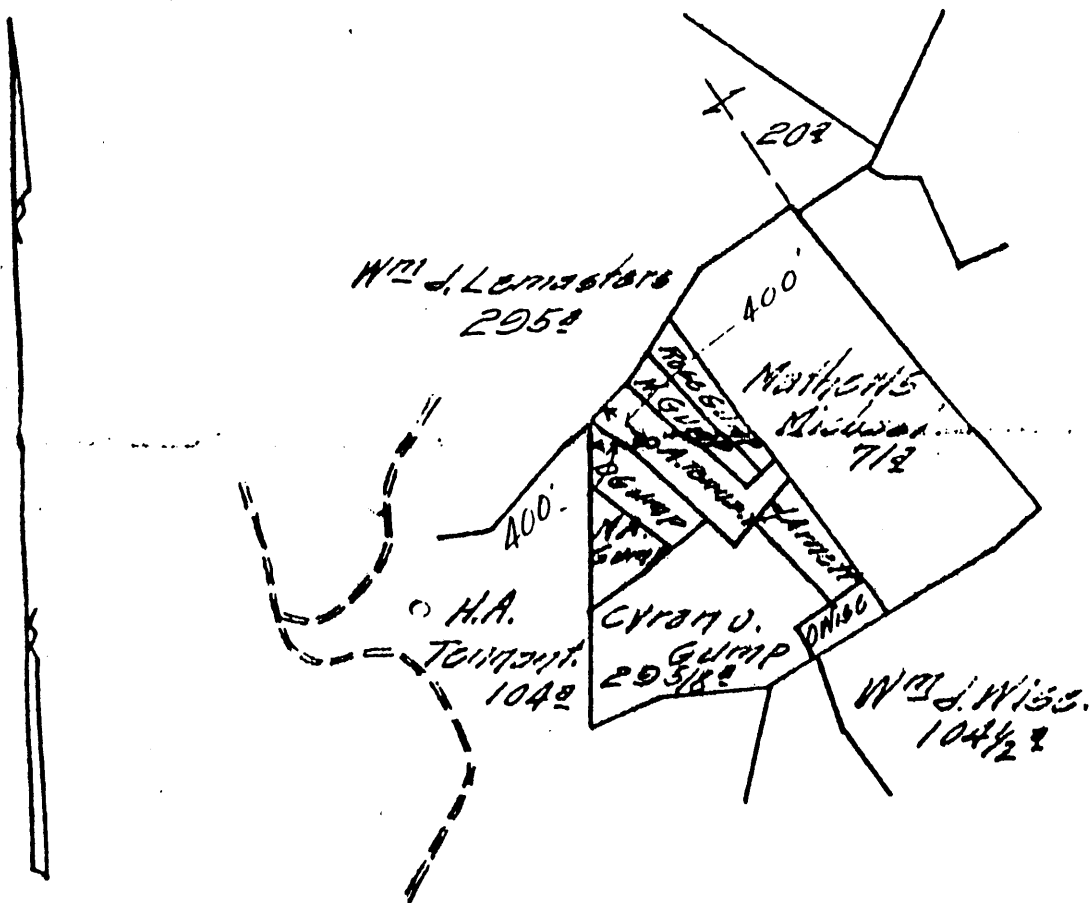
Instructions *2nd*

On *Gump Heira* Farm, on waters of *Marshall Run*
Battle District, *Monongalia* County, West Virginia

Lease No. *23943* Acres *73* N. *14* S. E. *19* W.

Scale one inch equals *80 Paces* Location made in Pittsburgh *Apr. 19, 1916* Sent to Clarksburg *Apr. 19, 1916*

Location to be *400 feet from H. A. Tennant's farm and 400 feet from*
Wm. J. ...



061-0391

TITLE RESERVE *Three hundred feet around the dwelling and barn buildings*

SPECIAL INSTRUCTIONS: COMPLETE WELL ON OR BEFORE *Aug 26, 1916*

Same Lease on which Located Well No.

Location made *4-22-16* by *W. Cunningham* per plat, except as noted: On field map *4-24-16* Returned to Pittsburgh *4-24-16*

Location changed on account of

Authorized by _____ Date _____ Signed _____