

LATITUDE 39° 15' 00"

100.05.08

LONGITUDE



7.5 OGIS topo location

| | | | |
|----------|---------------|---------|---------------|
| 7.5' loc | <u>2.25 S</u> | 15' loc | <u>2.25 S</u> |
| | <u>0.27 W</u> | (calc.) | <u>0.27 W</u> |

Company _____

Farm _____

927 Ground
Elev. 940' - 7.5' topo tele ^{3/5 kg}

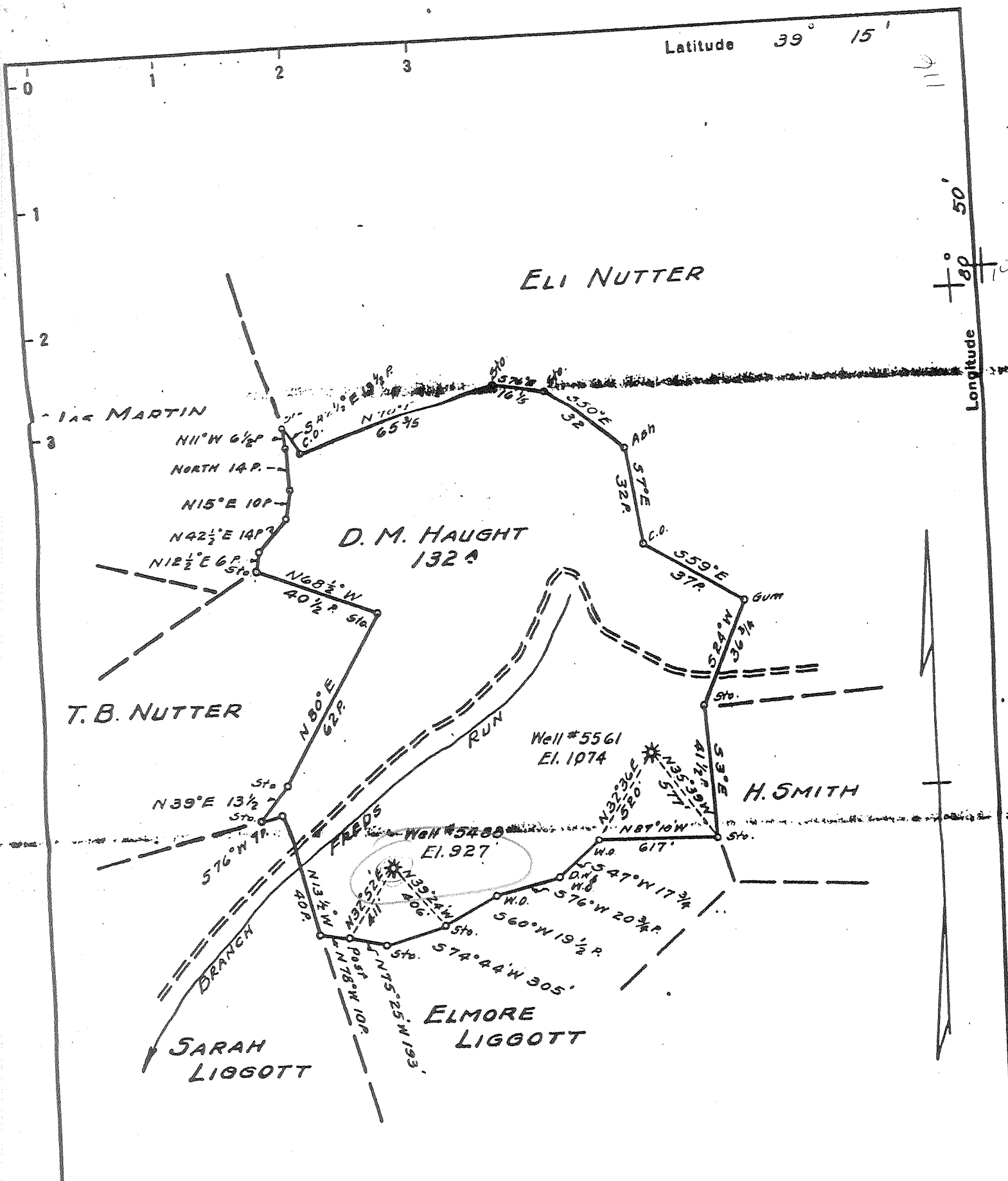
Quad OXFORD 7 1/2' Holbrook NC

County WARRIORIDGE

District SOUTHWEST

WELL LOCATION MAP

File No. 017-1967



New Location
 Drill Deeper
 Abandonment 5561

waters - Freds Run

Map Sh. 67 Sq. 5-16 W-13 F.B. 777 P. 11 & 12

Company HOPE NATURAL GAS CO.
 Address CLARKSBURG, W. VA.
 Farm D. M. HAUGHT
 Tract _____ Acres 132 Lease No. 16758
 Well (Farm) No. 5488 Serial No. AS SHOWN
 Elevation (Spirit Level) AS SHOWN 977'
 Quadrangle HOLBROOK
 County DODDRIDGE District SOUTHWEST
 Engineer Wm Bowers
 Engineer's Registration No. 900
 File No. _____ Drawing No. _____
 Date APR. 24, 1946 Scale 1" = 40 P.

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

WELL LOCATION MAP
 FILE NO. 017-1967

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.

Record of HOPE NATURAL GAS Company Shirley District West Va.
 Well No. 5488 Farm
 Located on D. H. Haught
 District Contral County Dodridge State West Va.
 Location Made 3-18-19 First Work Done
 Rig Commenced 4-13-19 Rig Completed 4-20-19
 Drilling Commenced 4-21-19 Drilling Completed 5-15-19
 Rig Contractor HOPE {Drilling Contractor} HOPE String No. 2.
 Drillers A. C. Underwood and Geo. W. Underwood
 Tool Dressers Averal Doak and C. E. Underwood

| FORMATION | Open or Close Hard or Soft | TOP | BOTTOM | Steel Line Measurements | Water Found Depth | Oil Found Depth | Gas Found Depth | REMARKS |
|-----------------|----------------------------|---------|--------|-------------------------|-------------------|-----------------|-----------------|---------|
| Active Coal | | 260 | 262 | | | | | |
| Pittsburgh Coal | | Showing | 385 | | | | | |
| Little Dunkard | | 875 | 915 | | | | | |
| Big Dunkard | | 980 | 1000 | | | | | |
| Gas Sand | | 1105 | 1137 | | | | | |
| First Salt | | 1190 | 1260 | | | | | |
| Second Salt | | 1340 | 1423 | | | | | |
| Maxon | | 1680 | 1695 | | | | | |
| Little Lime | | 1703 | 1730 | | | | | |
| Pencil Cave | | 1730 | 1740 | | | | | |
| Big Lime | | 1740 | 1808 | | | | 1752 | |
| Big Injun | | 1808 | 1848 | | | | 1827-32 | |
| Squaw | | | | | | | | |
| Berea | | | | | | | | |
| Gantz | | | | | | | | |
| Fifty Feet | | | | | | | | |
| Thirty Feet | | | | | | | | |
| Gordon Stray | | | | | | | | |
| Gordon | | | | | | | | |
| Hourth | | | | | | | | |
| Mith | | | | | | | | |
| Wayard | | | | | | | | |
| Total Depth | | | 1854 | | | | | |

| 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. | |
| 13" Csg. | | | | | | | | | | | | | |
| 10" " | 416 | 3 | 380 | 4 | | | 380 | 4 | | | 35 | 11 | Left in well on acct. of water. Could not pull. |
| 8 1/2" " | 1349 | 7 | 1134 | 2 | 23 | 7 | 1110 | 7 | | | 239 | - | |
| 6 5/8" " | 1958 | 2 | 1776 | 8 | | | 1776 | 8 | | | 181 | 6 | |
| 6 3/16" " | | | | | | | 1856 | | | | 52 | 8 | |
| 2" Tbg. | 1908 | 8 | 1856 | | | | | | | | | | |

PACKER RECORD

| SIZE | KIND | Amount Anchor | Amount Above Anchor | REMARKS |
|-----------------|--------|---------------|---------------------|------------------------------|
| 6 3/4" x 8 1/4" | ANCHOR | 18 | 1746 | 6 3/4" steel shoe on anchor. |
| 6 3/4" x 2" | " | 85' 5" | 1770 | |

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

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

CEMENTING RECORD

Date Cemented NOT CEMENTED Size Hole Cemented _____ Size Casing Cemented _____
 Top Pittsburgh Coal _____ Top Cementing _____ Amount Cement Used _____
 Bottom Pittsburgh Coal _____ Bottom Cementing _____ Amount Sand Used _____
 Mr. _____ of _____ Coal Company on ground when coal was cemented
 Remarks: _____ Signature of persons who cemented well _____

017-1967

Approved by (Signed) L. H. Pitts
 ASST. Foreman