Latitude

1.95 1.09w

Topo Location

| 7.5' L | oc | 15' Loc | _ |
|--------|----|---------|---|
| | | (calc.) | |

Company ____

Farm _____

7.5' Quad Camden

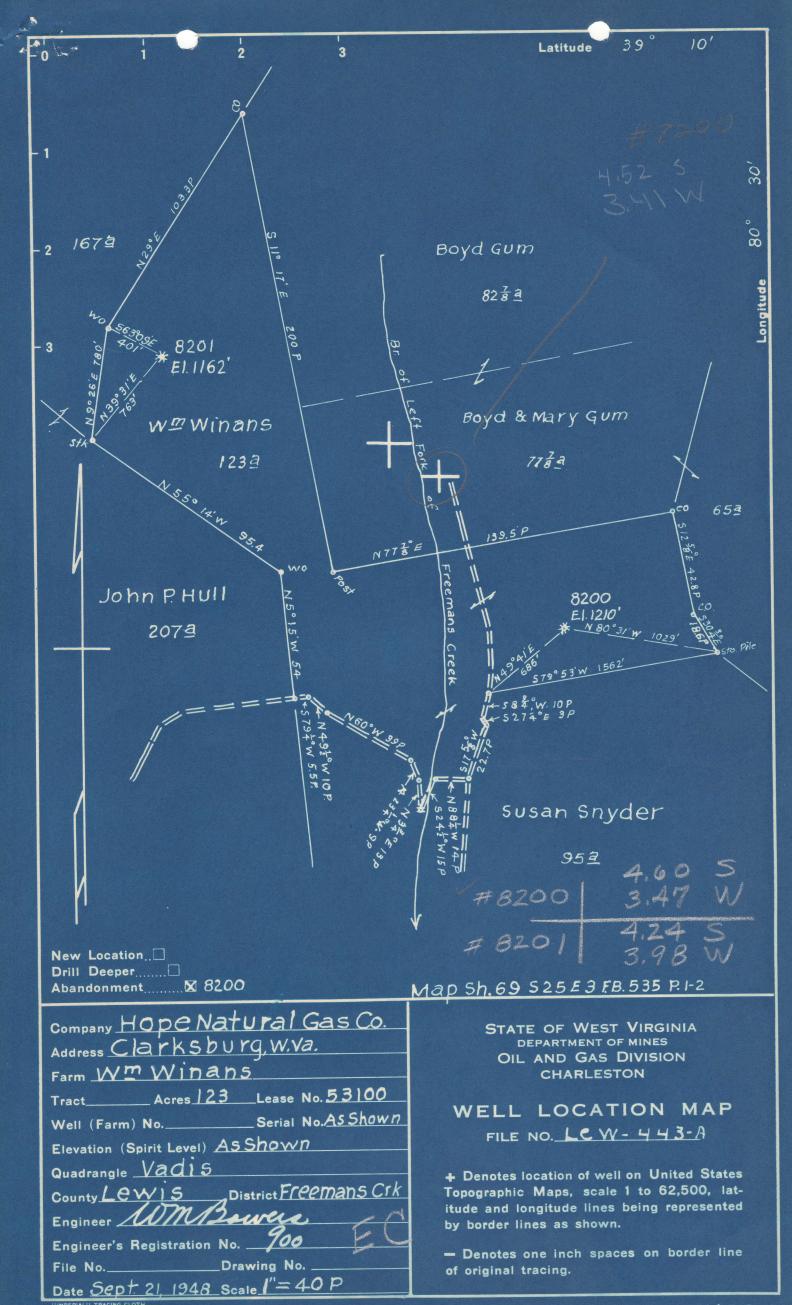
District Freemans Gook

WELL LOCATION PLAT

County O41 Permit 30443

86°32'30"

Longitude



1012/3.cn Map.

Freemans Creek District, Lewis County, W. 7a. 1.6 st. N. of Churchville. Southern Ogl Co. and Fred S. Rich. Now owned by Reserve Gas Co. Elevation, 1180' B.

| | Top. Bottom. |
|-----------------|--------------|
| Redstone Coal | 150 |
| Pittsburgh Coal | 180 |
| Salt Sand | 1475 - 1490 |
| Mittle Lime | 1670 - 1680 |
| Pencil Cave | 1680 - 1690 |
| Big Line | 1690 - 1800 |
| Big Injun Sand | 1800 - 1900 |
| Gordon Sand | 2315 - 2395 |
| Fifth Send | 2536 - 2558 |
| Total depth | 2558 |

Brown sand and pebble top of Fifth Sand, sand close, hard and glassy.

* * * *

443A

Freemans Creek District, Lewis County, W. Va. Drilled by Southern Oil Co. and Mr. Rich. At Freemansburg P. O.

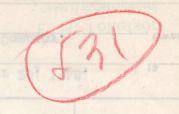
| | Top. | Bottom. |
|--|------|---------|
| Mapletown (Sedstone) Coal | 150 | |
| Pittsburgh Coal | 180 | |
| Maxton Sand | 1475 | - 1490 |
| Little Lime | 1670 | - 1680 |
| Pencil Cave | 1680 | - 1690 |
| Big Lime | 1690 | - 1800 |
| Big Injun Sand | 1800 | - 1900 |
| Gordon Sand | 2315 | - 2395 |
| 5th Sand, to bottom (brown sand and pebble top of 5th | | - 2558 |
| sand; sand close, hard, and glassy | 1. | |



STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS DIVISION



WELL RECORD

| Permit No. | | Oil or Gas Well (KIND) | | | |
|--|----------------------|------------------------|---|-------------------------|--|
| Company Hope Natural Gas Company. Address 445 West Main St. Clarksburg, W. Va. | Casing and Tubing | Used in Drilling | Left in Well | Packers | |
| Farm William Winans Acres 123 Location (waters) Well No. 8200 Elev. 1210 District Freemans Creek County Lewis | Size 16 | | | Kind of Packer | |
| The surface of tract is owned in fee byAddress | 10 8½ | 1080 | Pulled | Size of | |
| Mineral rights are owned byAddress | 6% 5 3/16 | 1650 2286 | Pulled 2286 | Depth set | |
| Drilling commenced July 13, 1900 Drilling completed Oct. 23, 1900 | 2 | 2558 | Pulled | Perf. top Perf. bottom | |
| Date ShotTo | Liners Used | alian mass. | 1 | Perf. top Perf. bottom | |
| Open Flow /10ths Water in Inch /10ths Merc. in Inch Volume Cu. Ft. | CASING CEME | ENTED | NOT | No. Ft. Date | |
| Rock Pressure lbs. hrs. Oil bbls., 1st 24 hrs. | COAL WAS EI | none NCOUNTERED | | FEET INCHES | |
| Fresh water none recorded feet feet Salt water none recorded feet feet | | | HES | FEET INCHES FEET INCHES | |

| Fresh watern Salt watern | one record | | feet_ | FEET FEET | | | INCHES |
|--------------------------|-----------------|-----------------|-------|-------------------|--|-----------------|---------|
| Formation | Color | Hard or Soft | Тор | Bottom | Oil, Gas or Water | Depth Found | Remarks |
| Maxon | | | 1475 | 1490 | | | |
| Little | Lime | | 1670 | 1680 | | | |
| Big Li | ne | | 1800 | 1900 | | in the state of | |
| Gordon | | | 2315 | 2395 | gas | 2380 | |
| Fifth | | | 2536 | 2558 | gas | ? | |
| Total | depth | | | 2558 | | 1 | |
| | . Doin | | | | 0 | | |
| | / L = 1 | | | | | | |
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| | Albande y a son | | | | | | |
| | | | | 52021222320 | 200 | | |
| | | | | SEP 1948 | The state of the s | | |
| | | | 115/6 | DEPARTMENT OF AN | 829 | | |
| | | | 31418 | DEPARIMENT OF THE | 3037 | | |
| | | | | 40168199 | 33 | | |
| Formation | Color | Hard or Soft | Top | Boston | Oil, Gas or Water | Depth Found | |

| | Color | Soft | Тор | Bottom | Oil, Gas or Water | Depth Found | Remarks |
|---|--|--|--|---|--|--|--|
| | | | | | | | |
| | | | | | | | |
| | | The state of the s | AND COMPANY OF THE PARK OF THE | MINISTER & | | | |
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| | | | | OES 1847 | | | |
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| | | | 23.7 | - KOTZZE | | | |
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| | | The French Street | | | | | |
| Total Control of the | | | 4,070,000 | | | | |
| | - 100 kg | V | | - Pengalan | | | |
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| TO SET | ration (v) | | | 2558 | | | |
| | | | | | | | |
| KTLIV | | | 5232 | 2554 | | | |
| 501,000 | | | 231.5 | 2395 | | 5360 | |
| | | 1 | | | | | |
| | 9 | | 7500 | 1900 | | | |
| | | MODERNOON TO SEE THE SECOND OF | | | | | |
| 199 19 | | | mala | 7000 | | | |
| idtelę Bay co | rqm | | 79,50 | 7660 | | | |
| (| rigno. | | 7670 | 1680 | Sp.E. | stay tolk | |
| 14001c | Life Control | | | | | sery toW | - 10 (10 M) |
| | Color | Hard or Soft | | | | | Eemarku |
| Formation | | Hard or Soft | Top. | Bottom 3470 | | Depth Found | |
| Pormation | Color | feet feet Hard or Soft | 7712 | Bottom | | Sea FEE Depth Found | r inches |
| Salt water Re Formetion | 10 10000 | 7 (6) | Top SA(75 W) | PEE PEE | | 98 FEE Pound | T INCHES |
| Con Fresh water In Salt water In Formation | ise intoin | 7 (6) | bals., 1st 24 hrs. foot foot foot foot foot | PEE PEE | | Sea FEE Depth Found | T INCHES |
| Con Fresh water In Salt water In Formation | sie addite | The Tool | Dolar, 1st 24 hrs. foet foet Top | COAL, WAS E | | PER | T INCHES T INCHES T INCHES |
| Volume Kock Fressure Oil Fresh weter. But Salt water. In Formation | /loths Mere. | Ipa . | Chu, FP. hre hre bala, 1st 24 hrs foot foot Top | PEE PEE | | PER | T INCHES |
| Volume Rock Pressure Oil Fresh water. In Salt water. In | /loths Mere. | Ipa . | Dolar, 1st 24 hrs. foet foet Top | COAL, WAS E | | EZE No. 1 Cacordasi FEE ES FEE FEE Found Found | T INCHES T INCHES T INCHES |
| With Open Flow Volunte Rock Fressure Oil Fresh weter. He Salt water. Re Formation | /loths Mere. | 1001 | Chu, FP. hre hre bala, 1st 24 hrs foot foot Top | COAL, WAS E | | Per Per No. 1 FEE PER PER PER PER PER PER PER PER PER P | Dete P INCHES P INCHES P INCHES |
| Drilling complete Unite Shot. With Open Flow Rock Fressure Oil Fresh weter. In Salt water. In | /10ths Water /10ths Mere. | 19 1000 19 1000 | Chu, FP. hre hre bala, 1st 24 hrs foot foot Top | Liners Used CASING CENT COAL, WAS E FREE FREE FREE FREE 1330 | | Political Personal Pe | L bottom L bottom Dete T INCHES T INCHES T INCHES |
| Drilling commence Drilling commence Drilling complete With With Open Flow Rock Pressure Oil Fresh water. In Salt water. In | /10ths Water /10ths Mere. | 2, 1900 3, 1900 n h | Chu, FP. hre hre bala, 1st 24 hrs foot foot Top | Liners Used CASING CEM COAL WAS E FEE FEE Bettom | | Political Per | L bottom L bottom Dete T INCHES T INCHES T INCHES |
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| Well No. 1 272 Well No. 1 272 District. 1 222 An east-face of the Annexed rights are shifting complete. Drilling complete. Drilling complete. Drilling complete. Open Flow. With Color Flow. Salt water. 127 Fresh weter. 127 Salt water. 127 Fresh weter. 127 Fresh | owned by One | County Mainty Address Address 3, 1900 3, 1900 | fores 129 for 1310 | Size 10 10 8% 8% 8% 10 28 Kayla Lingra Used CASING CENT FIEE FIEE FIEE FIEE FIEE FIEE | A 1000 A 1000 ENTED SASS TOTAL TOTAL OII, Gas OII, Gas OII, Gas | Pulled Per | d of Packer th set thop thop top top top top top |
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MATHEWS TINTING AND LITHOGRAPHING CO

APPROVED Hope Natural Gas Company. Owner

By General Superintendent

(Title) Ashly