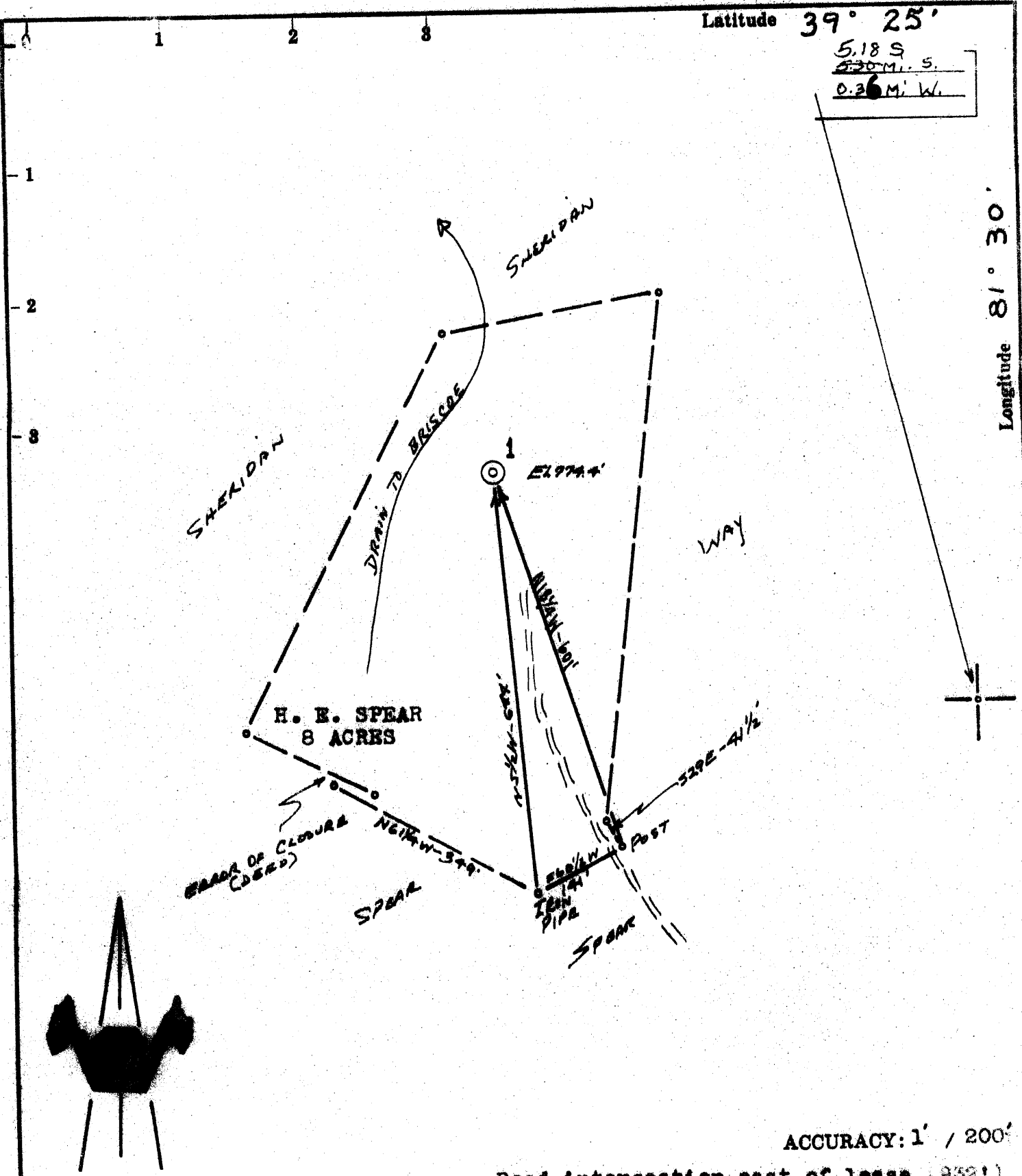


Latitude **39° 25'**

5.18 S
~~5.30 M. S.~~
 0.36 M. W.

Longitude **81° 30'**



ACCURACY: 1' / 200'

Source of Elevation Road intersection east of lease (832')

- New Location
- Drill Deeper
- Abandonment
- Fracture
- Redrill

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

| | | | |
|-----------------------------|-----------------------|-------------|-----------|
| Company | HILTON BEVER | | |
| Address | WILLIAMSTOWN, W. VA. | | |
| Farm | H. E. SPEAR | | |
| Tract | Acres | 8 | Lease No. |
| Well (Farm) No. | 1 | Serial No. | |
| Elevation (Spirit Level) | 774.4' | | |
| Quadrangle | PARKERSBURG EC | | |
| County | WOOD | District | WILLIAMS |
| Engineer | CHET WATERMAN | | |
| Engineer's Registration No. | 3788 | | |
| File No. | 67003-90 | Drawing No. | |
| Date | 6/29/67 | Scale | 1" = 200' |

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

WELL LOCATION MAP

FILE NO. WOO-564

+ 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.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 6

Quadrangle _____

WELL RECORD

Oil or Gas Well oil & gas
(KIND)

Permit No. W00 - 564

Company Hilton I. Bever
Address 119 E. 5th St. Williamstown, W.Va
Farm H. E. Spears Acres 8
Location (waters) _____
Well No. 1 Elev. 774.4'
District Williams County Wood, W.Va
The surface of tract is owned in fee by H. E. Spears
Address Vienna, W.Va
Mineral rights are owned by H. E. Spears
Address Vienna, W.Va

Drilling commenced July 5, 1967
Drilling completed August 1, 1967
Date Shot _____ From _____ To _____
With _____

Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED _____

| Casing and Tubing | Used in Drilling | Left in Well | Packers |
|-------------------|------------------|--------------|----------------|
| Size | | | Kind of Packer |
| 16 | | | |
| 13 10' | 10' | 10' | |
| 10 221' | 221' | | Size of |
| 8 1/2 1026' | 1026' | | Depth set |
| 6 5/8 1680' | 1680' | | |
| 5 3/16 | | | |
| 4 1/2" | | 2423' | Perf. top |
| 2 | | | Perf. bottom |
| Liners Used | | | Perf. top |
| | | | Perf. bottom |

CASING CEMENTED 4 1/2" SIZE 2423' No. Ft. 8/5/67 Date
no coal encountered

COAL WAS ENCOUNTERED AT none FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

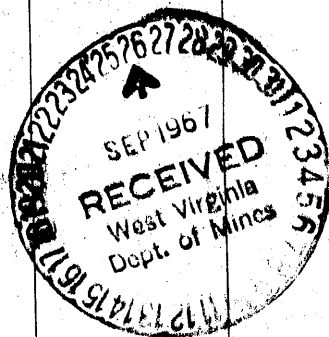
WELL FRACTURED Water and sand fractured Two zones Berea Grit 2039' to 2047' and Garden sand 2352' to 2370' Total water used 1200 bbl. total sand used 60,000 lbs.

RESULT AFTER TREATMENT 1,250,000 cfd 20 bbl oil per day

ROCK PRESSURE AFTER TREATMENT 950 lb. 30 hrs

Fresh Water none Feet _____ Salt Water 935' to 950' Feet 1430' to 1500'

| Formation | Color | Hard or Soft | Top | Bottom | Oil, Gas or Water | Depth | Remarks |
|----------------|-------|--------------|------|--------|-------------------|------------|------------|
| Red rock | | | 0 | 25' | | | |
| Slate | | | 25 | 70 | | | |
| Red Rock | | | 70 | 108 | | | |
| Sand | | | 108 | 155 | | | |
| Lime | | hard | 155 | 184 | | | |
| Red Rock | | | 184 | 198 | | | |
| Slate | | | 198 | 310 | | | |
| Red Rock | | | 310 | 320 | | | |
| Slate | | | 320 | 350 | | | |
| Lime | | | 350 | 377 | | | |
| Red Rock | | | 377 | 407 | | | |
| Slate & Shells | | | 407 | 500 | | | |
| Sand | | | 500 | 517 | | | |
| Slate | | | 517 | 590 | | | |
| Red Rock | | | 590 | 605 | | | |
| Slate | | | 605 | 620 | | | |
| Red Rock | | | 620 | 700 | | | |
| Slate | | | 700 | 722 | | | |
| Red Rock | | | 722 | 752 | | | |
| Slate | | | 752 | 782 | | | |
| Pink Rock | | | 782 | 820 | | | |
| Shale | | | 820 | 830 | | | |
| Slate & Shells | | | 830 | 908 | | | |
| Pink Rock | | | 908 | 920 | | | |
| Slate | | | 920 | 935 | | | |
| Sand | | | 935 | 1022 | Water | 935 to 950 | 1 bailer p |
| Slate | | | 1022 | 1075 | | | |
| Sand | | | 1075 | 1085 | | | |
| Slate | | | 1085 | 1120 | | | |
| Sand | | | 1120 | 1135 | | | |



(over)

OCT 2 1967

| Formation | Color | Hard or Soft | Top ⁶ | Bottom | Oil, Gas or Water | Depth Found | Remarks |
|----------------|---------|--------------|------------------|------------|-------------------|-------------|---------|
| Sand | | | 1120 | 1135 | show gas & | oil 1237 to | 1242 |
| Slate & Shells | | | 1135 | 1215 | | | |
| Black slate | | | 1215 | 1233 | | | |
| Sand | | | 1233 | 1255 | | | |
| Slate | | | 1255 | 1350 | | | |
| Sand | | | 1350 | 1674 | Water at | 1430' | |
| Lime | | | 1674 | 1694 | Hole full | 1500' | |
| Slate | | | 1694 | 1718 | | | |
| Lime Shells | | | 1718 | 1798 | | | |
| Slate | | | 1798 | 2015 | | | |
| Coffee Shale | Sunbury | | 2015 | 2039 | | | |
| Sand Berea | | | 2039 | 2047 | Show oil & Gas | | |
| Slate & Shells | | | 2047 | 2350 | | | |
| Sand - Gordon | | | 2350 | 2370 | Show Gas & Oil | | |
| Slate | | | 2370 | 2423 | | | |
| | | | | 2423 T. D. | | | |

Date _____, 19__

APPROVED _____, Owner

By _____

(Title)