

LATITUDE 39° 12' 30"

80° 27' 30"

LONGITUDE

1.99 S
0.49 W

7'5 OGIS topo location

7.5' loc

15' loc 4.87 S
(calc.) 2.72 W

Company H.N. G.C. 4590

Farm Ego Washburn

Elev. 1240' topocast.

Quad West Milford/Weston NW

County Harrison

District Union

WELL LOCATION MAP

File No. 033-1418

LOCATION FOR WELL No. **4590**

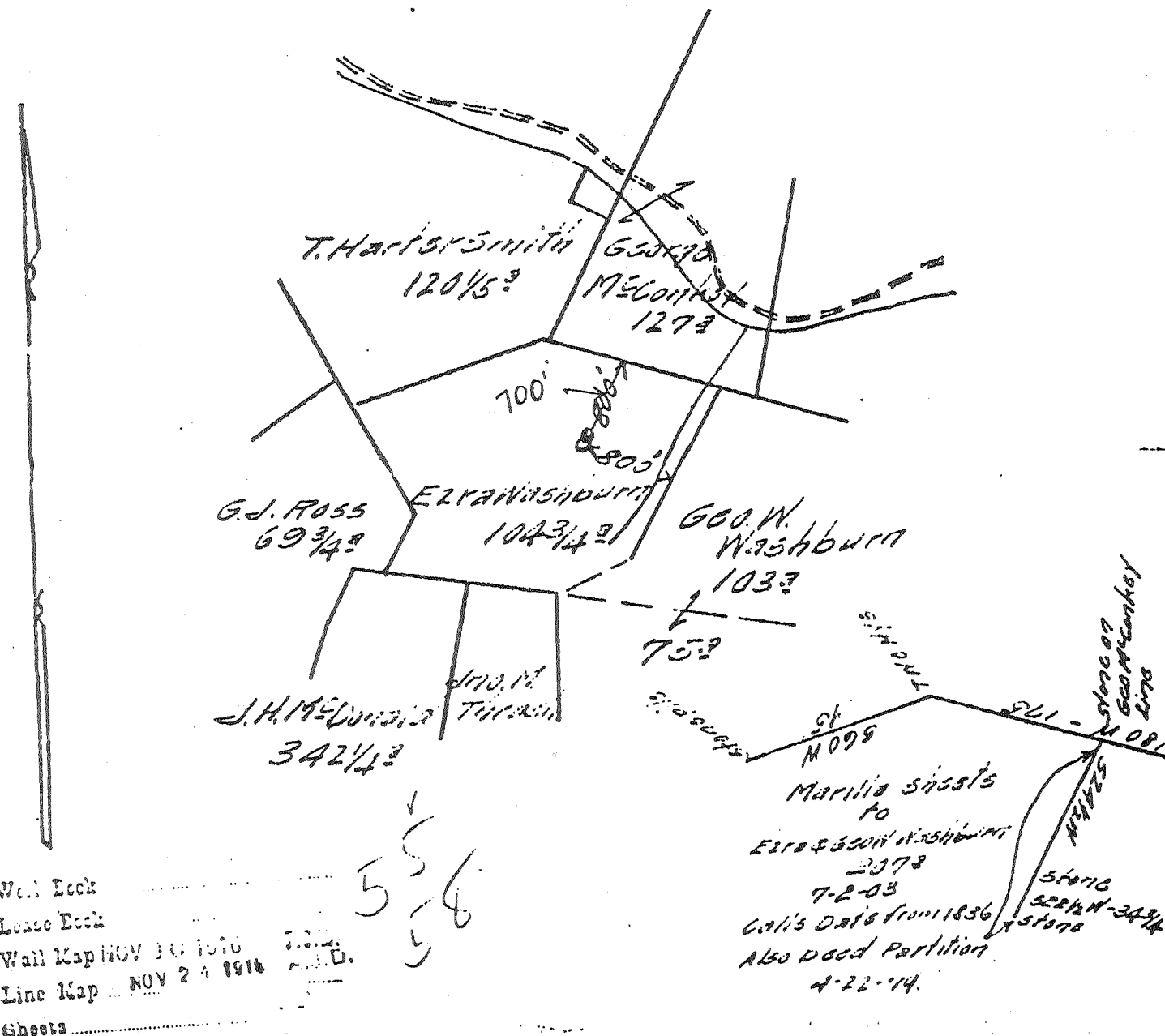
U.S.P. Instructions N.

On *Isaac's* Farm, on waters of **ISAAC'S CREEK** DISTRICT
 District, _____ County, West Vir.

Lease No. **1347** Acres **103** N. **19** E. **8** W.

Scale one inch equals _____ Location made in Pittsburgh Sent to Clarksburg **18**

Location to be **800 feet from Geo. McCarkey farm and 800 feet from Geo. W. Washburn farm.**



Well Book _____
 Lease Book _____
 Wall Kap NOV 10 1916
 Line Kap NOV 24 1916
 Sheets _____

TITLE _____ RESERVE _____

SPECIAL INSTRUCTIONS: COMPLETE WELL ON OR BEFORE _____

Same Lease on which Located Well No. _____

Location made **10-26-16** by **J. Cunningham** as per plat, except as noted. On field

10-30-16 Returned to Pittsburgh **10-30-16**

Location changed on account of **steep ground.**

Authorized by **J. Blavin** Date **10-30-16** Signed **W. Bradley**

033-1418

Well No. **4590** District **579**
 Located on **Egea Warburton** Farm **E-8**
 District **...** County **...** State **...**

Location Made **10-26-16** First Work Done **Jan 1 - 1916**
 Rig Commenced **Jan 4 - 1917** Rig Completed **Jan 12 - 1917**
 Drilling Commenced **Jan 28 - 1917** Drilling Completed **Jan 27 - 1917**
 Rig Contractor **...** Drilling Contractor **...**
 Drillers **...** H. H. Co. Tools, String **...**
 Tool Dressers **...**

| FORMATION | TOP | BOTTOM | Steel Line Measurements | Water Found Depth | Oil Found Depth | Gas Found Depth | REMARKS |
|----------------|------|--------|-------------------------|-------------------|-----------------|-----------------|---------------------------------|
| Active Coal | | | | | | | |
| Pittsburg Coal | 30 | 35 | 30 | | | | Coal 435-447 |
| Little Dunkard | 460 | 485 | 460 | | | | |
| Big Dunkard | 485 | 725 | | | | 460 | Water 507 |
| Gas Sand | 803 | 900 | | | | | Water 507 |
| First Salt | 910 | 986 | | | | | |
| Second Salt | 1035 | 1120 | | | | | |
| Maxon | 1240 | 1280 | | | | | |
| Little Lime | 1446 | 1468 | | | | | |
| Conell Cave | 1468 | 1475 | | | | | |
| Big Lime | 1475 | 1545 | | | | | |
| Big Injun | 1545 | 1650 | 1560 | | | 1560 | 6/10 water 2" of 9 = 169M |
| Quaw | | | | | | | |
| Merca | | | | | | | |
| Santz | | | | | | | |
| Fifty Foot | 1945 | 1978 | 1956 | | | 1956 | 2 1/10 water 2" B.G. + voc 808M |
| Thirty Foot | | | | | | | |
| Gordon Stray | | | | | | | |
| Gordon | 2135 | 2163 | | | | | |
| Fourth | | | | | | | |
| Fifth | 2340 | 2347 | 2340 | | | 2347 | 7 1/10 water 2" of 9 1347M |
| Bayard | | | | | | | |
| Total Depth | | 2362 | 2362 | | | | |

| 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" " | 748 | 4 | 131 | | 131 | | | | | | 748 | 4 | S.L. 131 |
| 8 1/2" " | 1150 | 5 | 1045 | | | | 1045 | | | | 105 | 4 | S.L. 1035 |
| 6 5/8" " | 1717 | 8 | 1565 | | | | 1565 | | | | 152 | 4 | S.L. 1552 |
| 5 3/16" " | 2397 | 9 | 2157 | 9 | | | 2157 | 9 | | | 220 | | S.L. 2148 |
| Tbg. | | | | | | | | | | | | | |

PACKER RECORD

| SIZE | KIND | Amount Anchor | Amount Above Anchor | REMARKS |
|------------------|------|---------------|---------------------|--------------------------|
| 5 3/16" x 6 5/8" | B.H. | | 2157 | Ran 5 3/16" S. S. anchor |

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. **Well Book** of..... Coal Company on ground when coal was cemented
 Remarks: **Lease Book**..... Signature of persons who cemented well
 Well Map **APR 23 1917** J.O.L.
 Line Map **MAY 7 1917** A.L.D.
 Sects **APR 30 1917** A.H.S.

Approved by **...**
033-1418

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL AND GAS

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE 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.

Farm name: Fragman, Ronald C. Operator Well No.: 4590

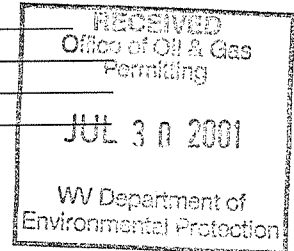
LOCATION: Elevation: 1,140' Quadrangle: West Milford 7.5'
 District: Union County: Harrison
 Latitude: 2,880 Feet South of 39 Deg. 12 Min. 30 Sec.
 Longitude: 10,100 Feet West of 80 Deg. 27 Min. 30 Sec.

Well Type: OIL _____ GAS X

Company: Dominion Transmission, Inc Coal Operator Ronald C & Rhonda Fragman
445 W Main Street or Owner Rt. 1 Box 216-B
Clarksburg, WV 26301 Lost Creek, WV 26385

Agent: Brian Sheppard

Coal Operator
 or Owner



Permit Issued Date: 1-13-2000

AFFIDAVIT

STATE OF WEST VIRGINIA,
 County of Harrison ss:

David L. Johnson being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by the above named well operator, and participated in the work of plugging and filling the above well, and Tim Bennett Oil and Gas Inspector representing the Director, say that said work was commenced on the 8th day of June, 2001, and that the well was plugged and filled in the following manner:

| TYPE | FROM | TO | PIPE REMOVED | LEFT |
|--------|---------|---------|---------------|---------------|
| Cement | TD 3068 | 2750 | Open Hole | N/A |
| Cement | 2750 | 2158 | 2065 - 2 3/8" | 1003 w/packer |
| Gel | 2158 | 2044 | N/A | N/A |
| Cement | 2044 | 1786 | 1742 - 5 1/2" | 416' - 5 1/2" |
| Gel | 1786 | 1720 | N/A | N/A |
| Cement | 1720 | 1520 | N/A | 1565 - 7" |
| Gel | 1520 | 150 | N/A | N/A |
| Cement | 150 | Surface | Perf 7" | |

Handwritten: 7/31/01
 HAR 1418P

Description of monument: 2" Tbg w. 1/4" x 12" x 12" plate w/ well no., name, API no., date and that the work of plugging and filling said well was completed on the 13th day of June, 2001.

And further deponents saith not.

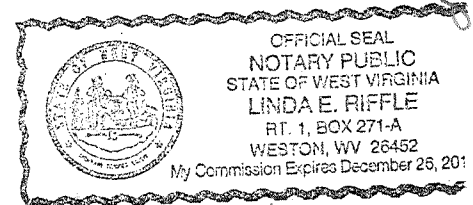
Signature of David L. Johnson

Sworn and subscribe before me this 12th day of July, 192001

My commission expires: December 26, 2010

Signature of Linda E. Riffle
 Notary Public

Oil and Gas Inspector: Tim Bennett 7-26-01



Handwritten: AUG 03 2001