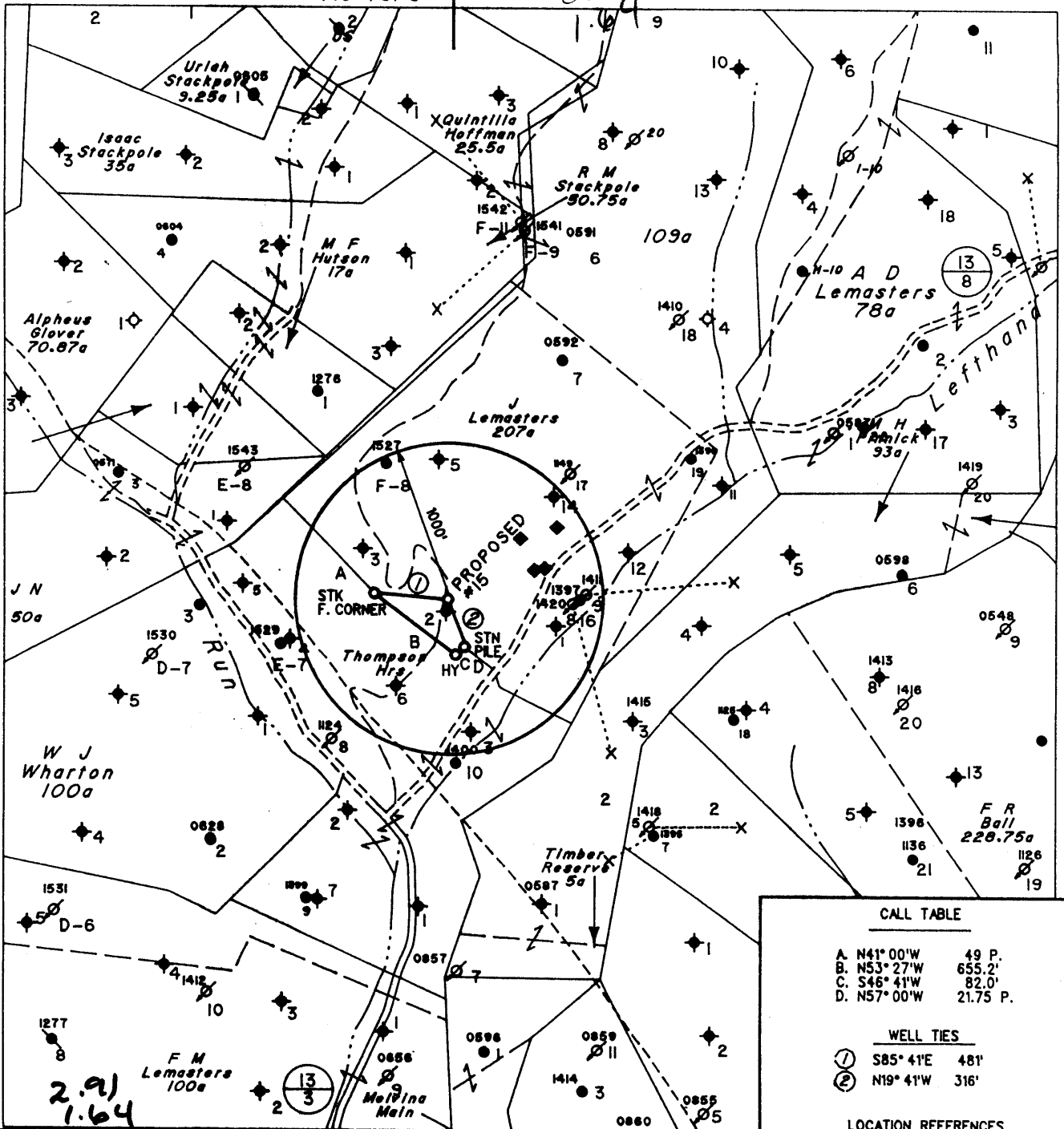


GIS 8-18-93

7.5' TOPO

LATITUDE 39° 27' 30"



CALL TABLE

- A. N41° 00' W 49 P.
- B. N53° 27' W 655.2'
- C. S46° 41' W 82.0'
- D. N57° 00' W 21.75 P.

WELL TIES

- ① S85° 41' E 481'
- ② N19° 41' W 316'

LOCATION REFERENCES

SOUTH 75' J. LEMASTERS #2  
S50° W 158' 20" HICKORY

Note: All Known Water Supply Sources Located Within 1000' Of Proposed Well Are Shown

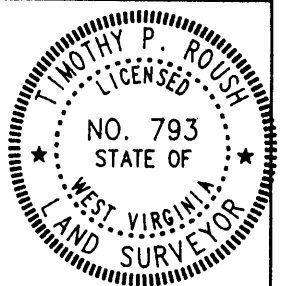
(H) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

DENOTES WATER SUPPLY SOURCE.

FILE NO. 1753  
 MAP NO. N47 N L S E W 4  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY 1 in 200  
 PROVEN SOURCE OF ELEVATION F.R. Ball No.9  
(47-095-0548) = 1152'

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.

(SIGNED) Timothy P. Roush  
 TIMOTHY P. ROUSH PS 793



STATE OF WEST VIRGINIA  
 DIVISION OF ENERGY  
 OIL AND GAS SECTION



DATE August 13, 19 93  
 FARM Jasper Lemasters NO. 15 Revised  
 API WELL NO. 47-095-1554-L1

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
 (IF "GAS") PRODUCTION  STORAGE  DEEP  SHALLOW   
 LOCATION: ELEVATION 1011' WATERSHED Left Hand Fork  
 DISTRICT McElroy COUNTY Tyler  
 QUADRANGLE Centerpoint

SURFACE OWNER Jerry Walters ACREAGE 88  
 OIL & GAS ROYALTY OWNER Pennzoil Products Co. et al. LEASE ACREAGE 207  
 LEASE NO. R6 2171-00

PROPOSED WORK: DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_

PLUG AND ABANDON  CLEAN OUT AND REPLUG   
 TARGET FORMATION Gordon ESTIMATED DEPTH 3000'  
 WELL OPERATOR Pennzoil Products Company DESIGNATED AGENT James A. Crews  
 ADDRESS P. O. Box 5519 ADDRESS P. O. Box 5519  
Vienna, W.Va. 26105 Vienna, W.Va. 26105

SEP 2 1993  
 8-0 95

FORM IV-6

State of West Virginia  
Division of Environmental Protection  
Section of Oil and Gas

Well Operator's Report of Well Work

Farm name: WALTERS, JERRY & CARL E. Operator Well No.: J.LEMASTERS #15

LOCATION: Elevation: 1,011.00 Quadrangle: CENTER POINT

District: MCELROY County: TYLER  
Latitude: 225 Feet South of 39 Deg. 27Min. 30 Sec.  
Longitude 8600 Feet West of 80 Deg. 40 Min. Sec.

Company: PENNZOIL PRODUCTS COMPANY  
P. O. BOX 5519  
VIENNA, WV 26105-5519

Agent: JAMES A. CREWS

Inspector: MIKE UNDERWOOD  
Permit Issued: 09/17/93  
Well work Commenced: 10/06/93  
Well work Completed: 11/20/93  
Verbal Plugging  
Permission granted on: \_\_\_\_\_  
Rotary X Cable \_\_\_\_\_ Rig  
Total Depth (feet) 3052'  
Fresh water depths (ft) N/A  
Salt water depths (ft) N/A

Is coal being mined in area (Y/N)? N  
Coal Depths (ft): N/A

Casing & Tubing	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
Size			to surface
8-5/8	270'	270'	50 sks.
4-1/2	2989.50'	2989.50'	300 sks.

OPEN FLOW DATA

WATER INJECTION WELL

Producing formation Gordon Pay zone depth (ft) 2900'-2918'  
Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow \_\_\_\_\_ MCF/d Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests \_\_\_\_\_ Hours  
Static rock Pressure \_\_\_\_\_ psig (surface pressure) after \_\_\_\_\_ Hours

Second producing formation \_\_\_\_\_ Pay zone depth (ft) \_\_\_\_\_  
Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow \_\_\_\_\_ MCF/d Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests \_\_\_\_\_ Hours  
Static rock Pressure \_\_\_\_\_ psig (surface pressure) after \_\_\_\_\_ Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: PENNZOIL PRODUCTS COMPANY

By: [Signature]  
Date: 7/8/94

TREATMENT

Perforated: Gordon with 18 holes 2906'-2915'. Treated with 300 gal. 15% HCL, 298 bbls. gelled water, 1500# 80/100 sand & 3500# 20/40 sand.

WELL LOG

Sand & Shale	0 - 835
Pittsburgh LS	835 - 852
Sand & Shale	852 - 1820
Sand	1820 - 1878
Sand & Shale	1878 - 2070
Big Injun	2070 - 2305
Shale	2305 - 2676
Berea	2676 - 2684
Shale	2684 - 2880
Stray	2880 - 2900
Gordon	2900 - 2918
T.D.	3052

17953