

CALL TABLE	
A. S 44° 27' W	364.4'
B. S 28° 27' W	231.9'
C. S 43° 57' W	563.2'
D. S 40° 33' E	148.5'
E. S 44° 33' E	74.3'
F. S 16° 33' E	495.0'
G. S 18° 57' E	208.6'
H. N 56° 18' W	1544.4'

Unit Line & Property Line

WELL TIES	
①	S 21° 28' W 4648'
②	S 28° 52' W 3983'

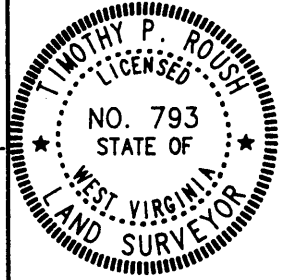
LOCATION REFERENCES	
N 36° 09' W	133' 28" POP.
N 21° 59' E	133' 22" BLACK OAK
N 77° 20' E	155' 12" BEECH

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

FILE NO. 1280
 MAP NO. N47 N 1 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 October 28, 19 93
 FARM F.R. Ball NO. K-4
 API WELL NO. 47-095-1559

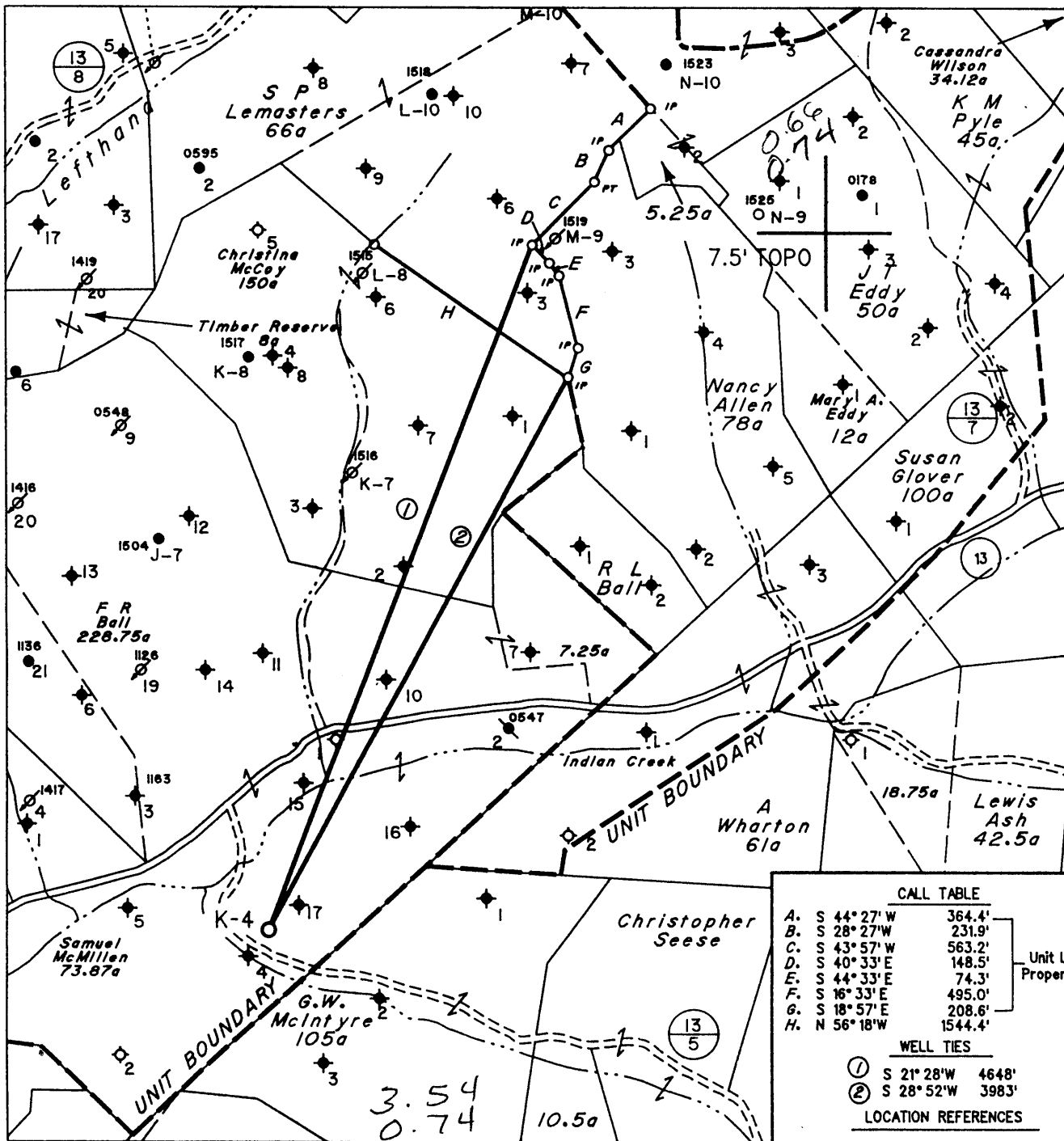
WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 918' WATERSHED SunFish Run
 DISTRICT McElroy COUNTY Tyler
 QUADRANGLE Centerpoint

SURFACE OWNER Ralph & Betty Hayes ACREAGE 171.5 ac.
 OIL & GAS ROYALTY OWNER Pennzoil Products Co. et al. LEASE ACREAGE 250 ac.
 LEASE NO. 15459-50

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 Gorden ESTIMATED DEPTH 2900'
 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

NOV 8 1996



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Unit Line & Property Line

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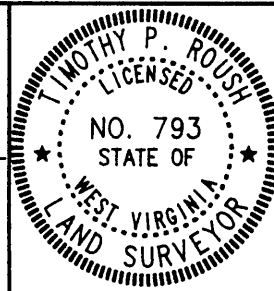
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STATE OF WEST VIRGINIA
 DIVISION OF ENERGY
 OIL AND GAS SECTION



DATE October 28, 19 93
 FARM F.R. Ball NO. K-4
 API WELL NO. 47-095-1559

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 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
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 DISTRICT McElroy COUNTY Tyler
 QUADRANGLE Centerpoint N15 NW

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 STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION
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 TARGET FORMATION Gordon ESTIMATED DEPTH 2900'
 WELL OPERATOR Pennzoil Products Company DESIGNATED AGENT James A. Crews
 ADDRESS P. O. Box 5519 ADDRESS P. O. Box 5519
46 P ADDRESS Vienna, W.Va. 26105 ADDRESS Vienna, W.Va. 26105