

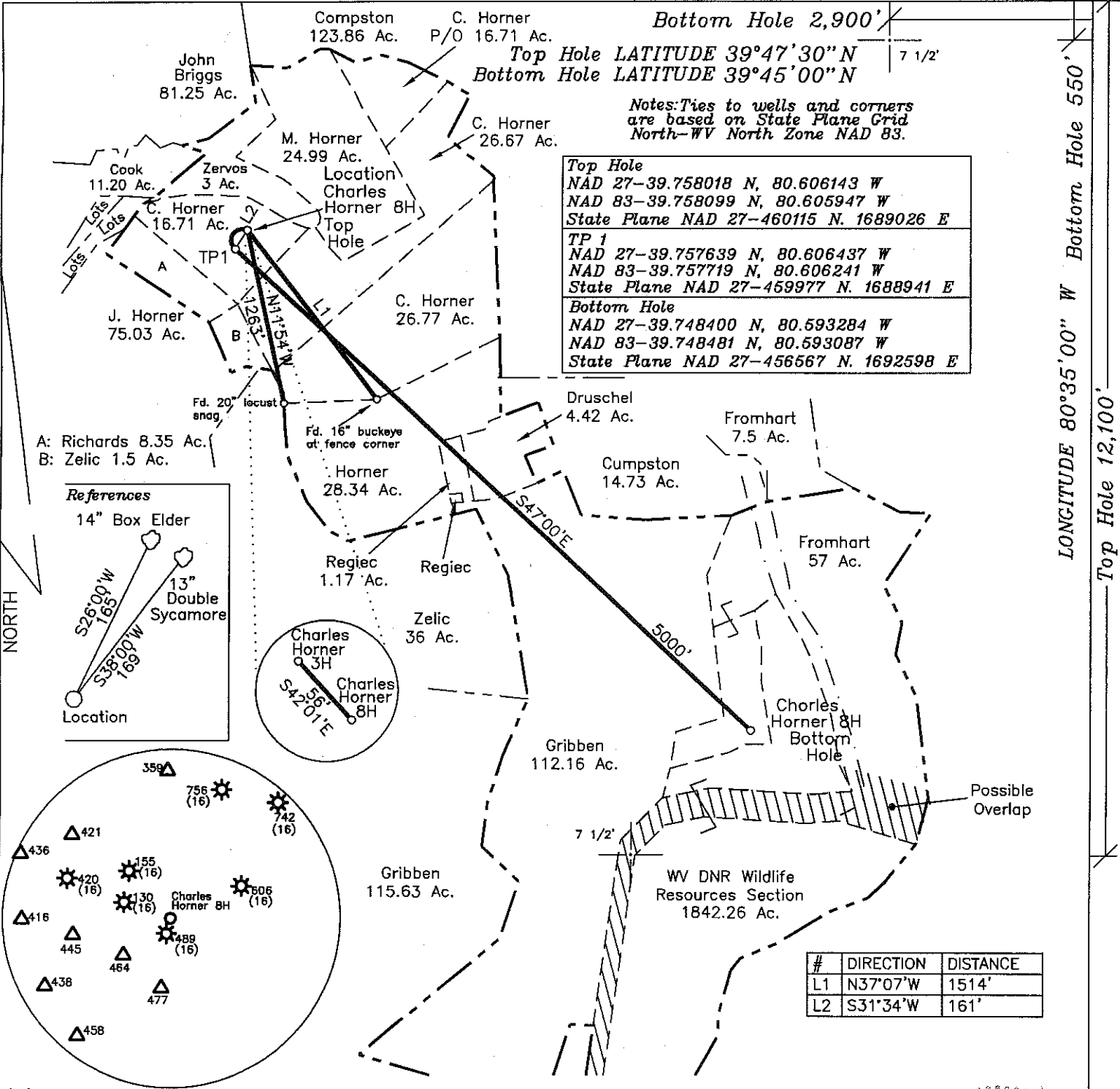
Top Hole 6,525'

Bottom Hole 2,900'

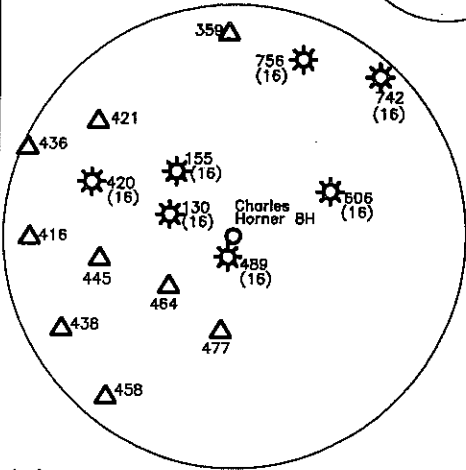
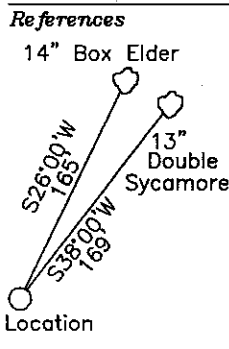
Top Hole LATITUDE 39°47'30" N
Bottom Hole LATITUDE 39°45'00" N

Notes: Ties to wells and corners are based on State Plane Grid North-WV North Zone NAD 83.

Top Hole	NAD 27-39.758018 N, 80.606143 W
	NAD 83-39.758099 N, 80.605947 W
	State Plane NAD 27-460115 N. 1689026 E
TP 1	NAD 27-39.757639 N, 80.606437 W
	NAD 83-39.757719 N, 80.606241 W
	State Plane NAD 27-459977 N. 1688941 E
Bottom Hole	NAD 27-39.748400 N, 80.593284 W
	NAD 83-39.748481 N, 80.593087 W
	State Plane NAD 27-456567 N. 1692598 E



Bottom Hole 550'
LONGITUDE 80°35'00" W
Top Hole 12,100'

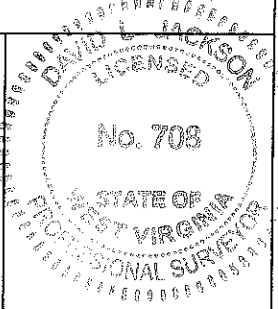


#	DIRECTION	DISTANCE
L1	N37°07'W	1514'
L2	S31°34'W	161'

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

FILE NO. _____
DRAWING NO. 1
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY 1 in 200
PROVEN SOURCE OF ELEVATION GPS
submeter unit

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 ENERGY.
(SIGNED) David L Jackson
R.P.E. _____ L.L.S. 708



STATE OF WEST VIRGINIA
Division of Environmental Protection
OFFICE OF OIL AND GAS

DATE August 17, 2009
OPERATOR'S WELL NO. Charles Horner 8H
API WELL NO. 831099

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X

LOCATION: ELEVATION 773' WATER SHED Fish Creek
DISTRICT Liberty COUNTY Marshall
QUADRANGLE Cameron 7 1/2'

SURFACE OWNER Charles E. Horner & Delorse A. Horner, Life Estate ACREAGE 16.71 Ac.
OIL & GAS ROYALTY OWNER Charles Horner et al LEASE ACREAGE 273.24 Ac.

LEASE NO. 1241162, 1235785, 1235786, 1226007, 1229110, 1268953, & 1254749

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

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
TARGET FORMATION Marcellus ESTIMATED DEPTH 7,122'+ Horizontal Leg
WELL OPERATOR Chesapeake Appalachia, L.L.C. DESIGNATED AGENT James E. Grey
ADDRESS P.O. Box 18496 Oklahoma City, OK 73154-0496 ADDRESS P.O. Box 6070 Charleston, WV 25362

47 - 051 - 01312H
STATE COUNTY PERMIT
CANCELLED