

Top Hole
WGS84 Coordinates:
38.831295 N
80.274403 W
NAD27 Coordinates:
38.831193 N
80.274599 W
State Plane NAD 27
667620 N
2206654 W

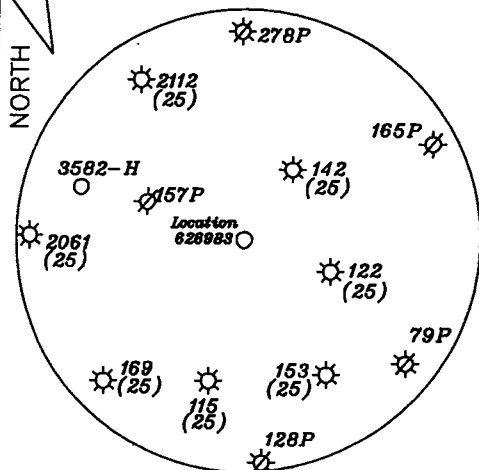
Bottom Hole
NAD27 Coordinates:
38.821332 N
80.274247 W
WGS84 Coordinates:
38.821434 N
80.274050 W
State Plane NAD 27
664029 N
2206782 W

NUMBER	DIRECTION	DISTANCE
L1	S39°28'W	284' Ac.
L2	N20°00'W	409'
L3	N54°42'W	296'
L4	S84°36'W	332'
L5	S37°48'W	318'

TP 1
NAD27 Coordinates:
38.831963 N
80.277774 W
State Plane NAD 27
667893 N
2205747 W

Russell
112.61 Ac.

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

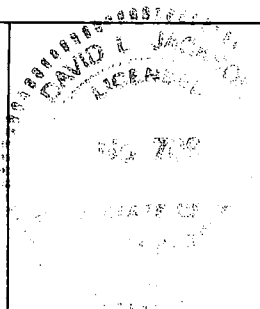


(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. _____
DRAWING NO. _____
SCALE 1" = 1,000'
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 Jackson
R.P.E. _____ L.L.S. 708



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

DATE March 5, 2009
OPERATOR'S WELL NO. 626983-6H
API WELL NO. _____

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

LOCATION: ELEVATION 2,097' WATER SHED Grassy Creek
DISTRICT Meade COUNTY Upshur

QUADRANGLE Rock Cave 7 1/2' ACREAGE 68.88 Ac.

SURFACE OWNER Thomas Elmer & Charles Elmer
OIL & GAS ROYALTY OWNER Clara Beth & David Lee Bramble LEASE ACREAGE 71 Ac.
LEASE NO. 3055433, 3055508, 3055276, 1216435-001, & 1216435-002

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 7,337' + Horizontal Leg
WELL OPERATOR Chesapeake Appalachia, LLC. DESIGNATED AGENT Michael John
ADDRESS P.O. Box 6070, Charleston, WV 25362-0070 ADDRESS P.O. Box 6070, Charleston, WV 25362-0070

08/24/2012

COUNTY NAME
PERMIT