

LON: -81°16'49.8"

8700'

LAT: 38°45'00"

LON: 81°15'00"

11950'

LAT: 38°43'01.9"

SURVEY NOTES

1 - Well ties and Latitude and Longitude were measured by Topcon Hiper 6A survey grade GPS. Bearings are referenced to UTM Grid North (Zone 17 North - NAD 1927).

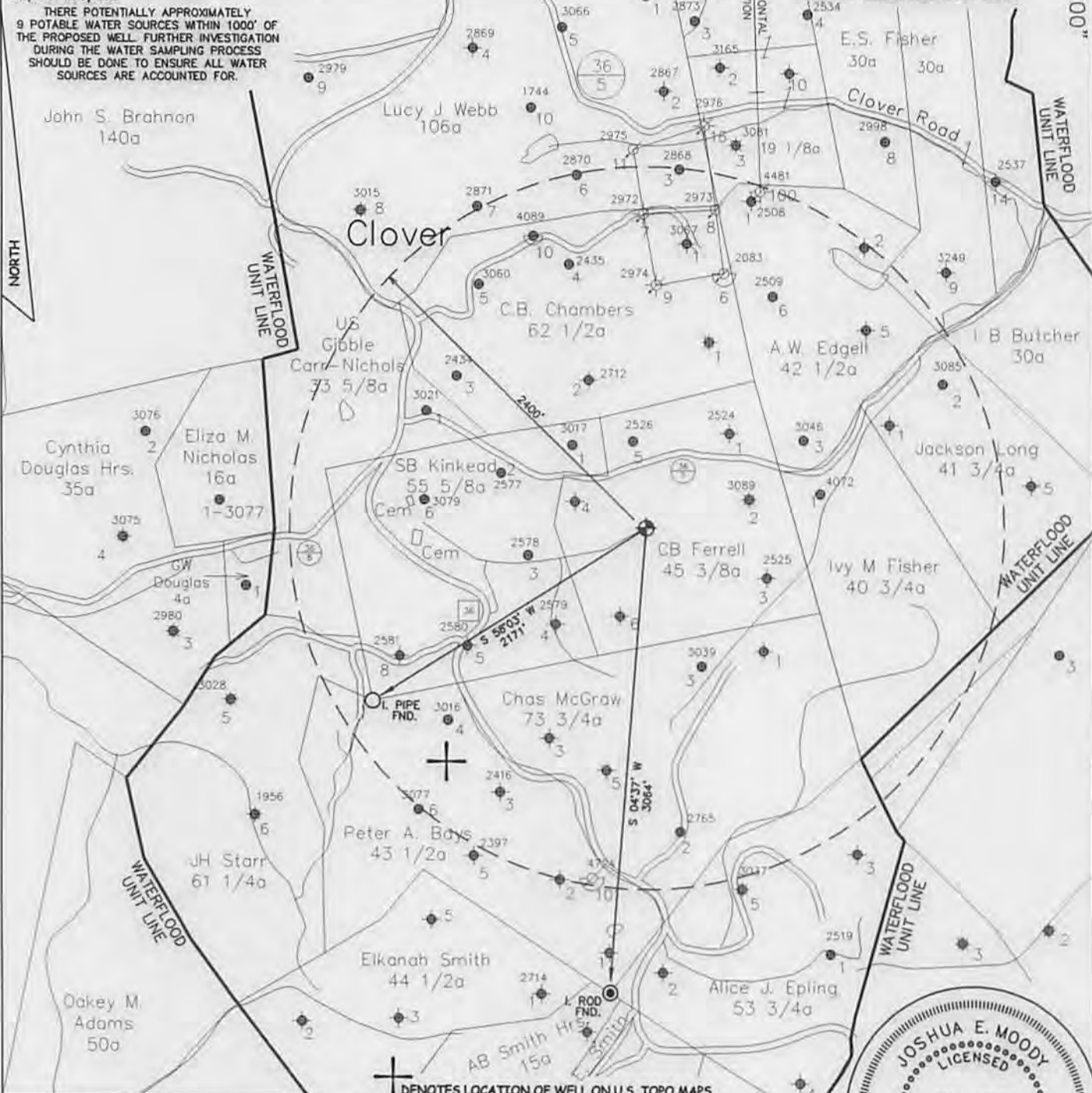
2 - Surface owners, adjoiners information, Lease names existing wells, & line mapping obtained from HGE GIS system. No survey was performed to determine lines within the Waterflood Unit-reference: HGE GIS system.

3 - No Title Opinion was provided to the Surveyor during this survey. This survey is subject to a complete Title Opinion.

UTM Coordinates (Zone 17N-NAD 1983)	
Surface	N-4,285,441m. E-475,629m.

LOCATION REFERENCES	
MAGNETIC BEARING	
S 47° W 84.0'	24' MAPLE
S 85° W 99.6'	12' SASSAFRAS

**MAP OF
H.G. ENERGY, LLC
-WATERFLOOD UNIT-
CB FERRELL 202**



JOB # 14-033
DRAWING # 14CLOVER FOLDER
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY 1/200
PROVEN SOURCE OF ELEV. MAPPING GRADE GPS

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 PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



**WEST VIRGINIA DEPARTMENT
OF ENVIRONMENTAL PROTECTION,
OFFICE OF OIL AND GAS**

MOODY LAND SURVEYING, LLC
ST. MARYS, WV 26170



JOSHUA E. MOODY, P.S. 2020
DATE 10/17/14
OPERATOR'S WELL
CB FERRELL # 202

WEST VIRGINIA DEPARTMENT
OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL HORIZONTAL
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1110' WATERSHED RUSH CREEK OF HENRYS FORK
 DISTRICT SMITHFIELD COUNTY ROANE
 QUADRANGLE LOONEYVILLE 7.5'

SURFACE OWNER TIMOTHY D. MAY ACREAGE 25.51 ACRES +/-
 OIL & GAS ROYALTY OWNER BEVERLY EBERFELD ET AL LEASE ACREAGE 45 ACRES +/-
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR
 STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION
 OTHER PHYSICAL CHANGE IN WELL (SPECIFY)
 PLUG & ABANDON CLEAN OUT & REPLUG
 TARGET FORMATION BIG INJUN ESTIMATED DEPTH TD=2,225
 WELL OPERATOR H.G. ENERGY, LLC DESIGNATED AGENT MIKE KIRSCH
 ADDRESS 5260 DuPONT ROAD ADDRESS 5260 DuPONT ROAD
 PARKERSBURG, WV 26101 PARKERSBURG, WV 26101

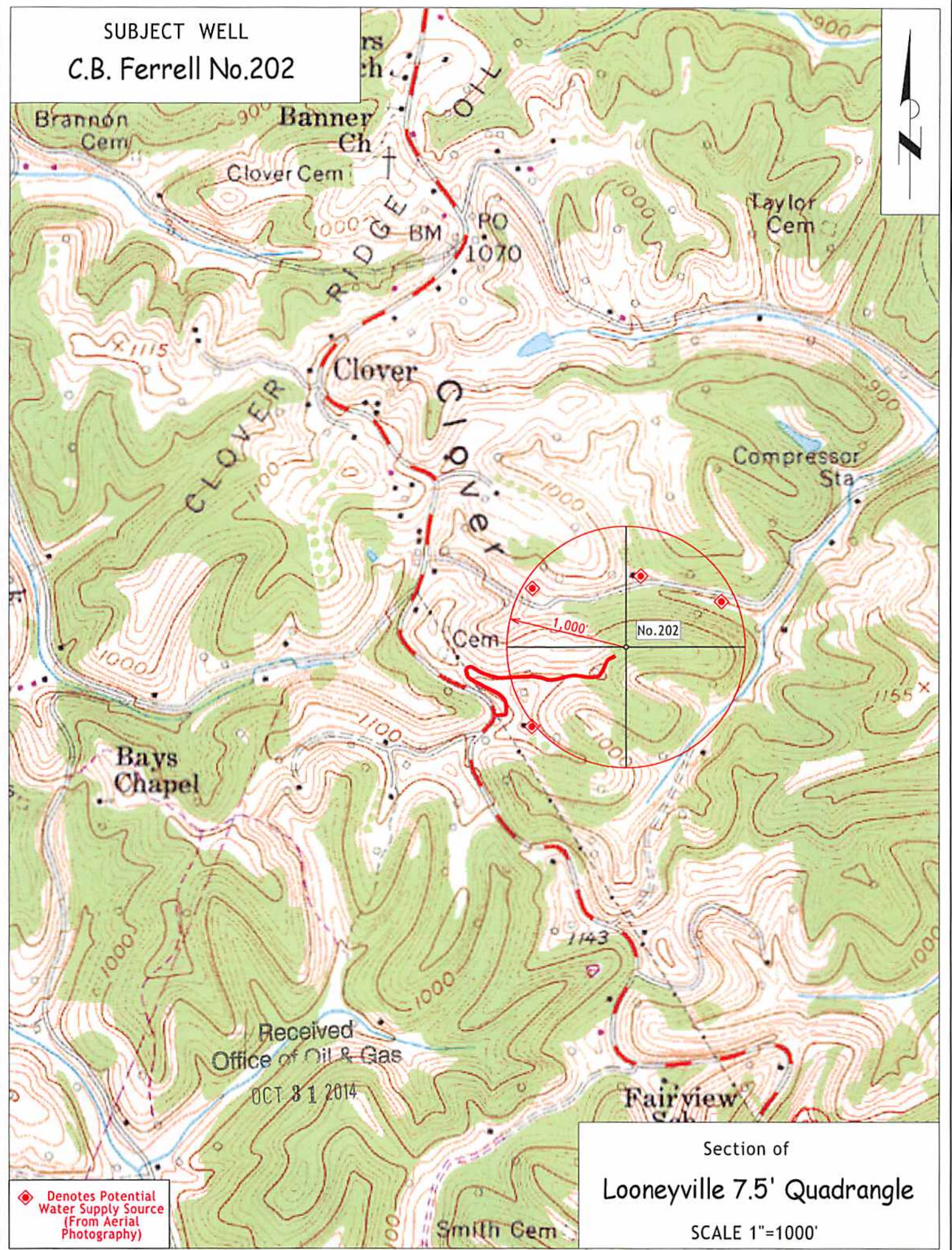
FORM WW-6

LEASE # 62217-50

COUNTY NAME PERMIT

01/09/2015

SUBJECT WELL
C.B. Ferrell No.202



◆ Denotes Potential Water Supply Source (From Aerial Photography)

Section of
Looneyville 7.5' Quadrangle
SCALE 1"=1000'

Received
Office of Oil & Gas
OCT 31 2014