

Longitude = 81°16' 45.41"

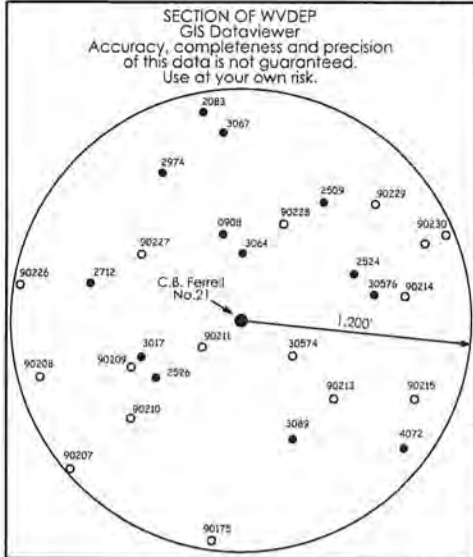
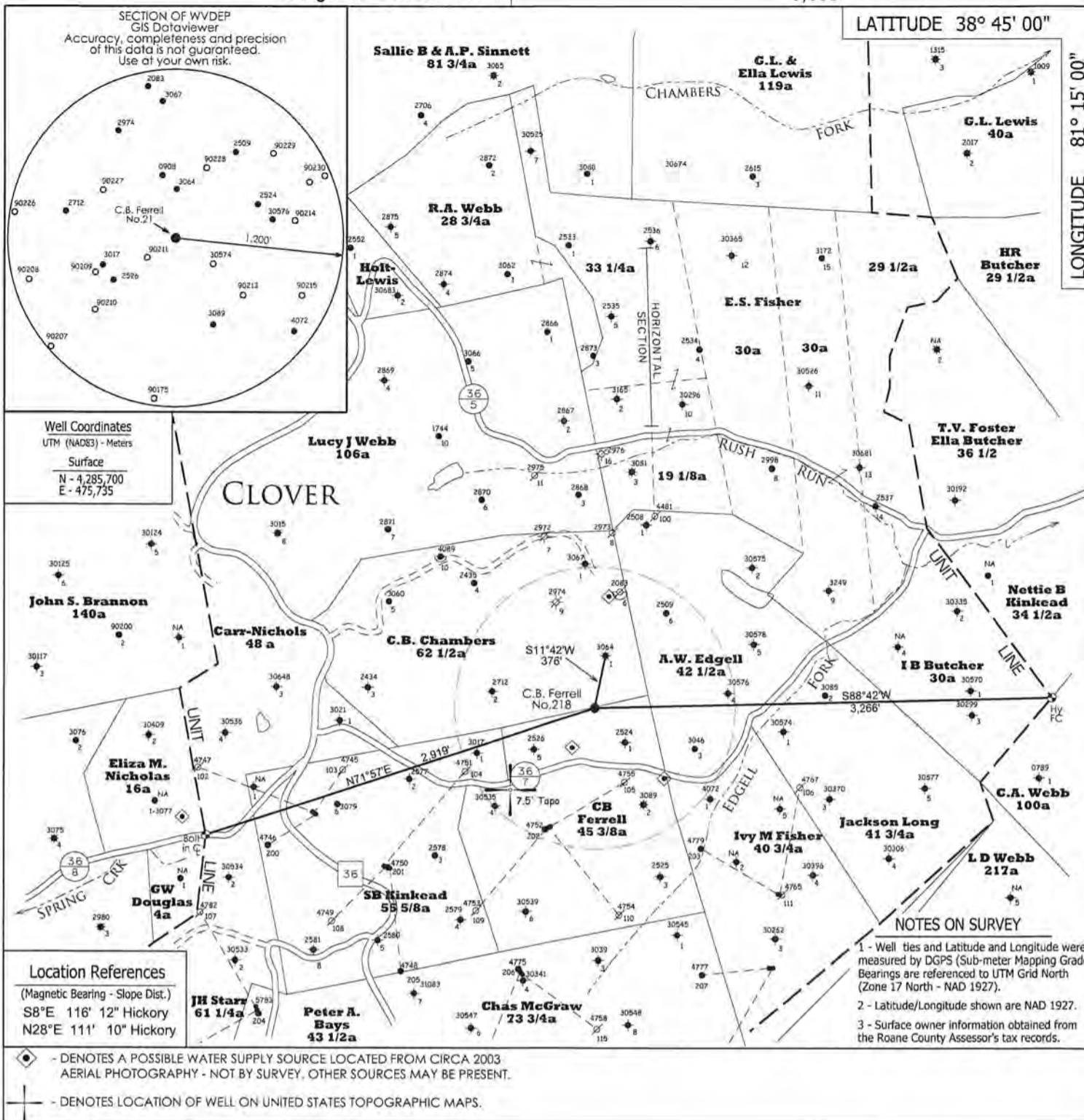
8,350'

LATITUDE 38° 45' 00"

LONGITUDE 81° 15' 00"

11,100'

Latitude = 38° 43' 10.31"



Well Coordinates  
 UTM (NAD83) - Meters  
 Surface  
 N - 4,285,700  
 E - 475,735

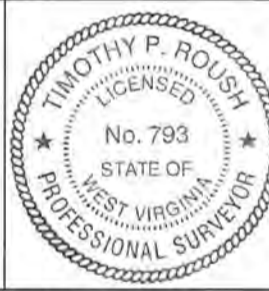
Location References  
 (Magnetic Bearing - Slope Dist.)  
 SB 8° E 116' 12" Hickory  
 N 28° E 111' 10" Hickory

NOTES ON SURVEY  
 1 - Well ties and Latitude and Longitude were measured by DGPS (Sub-meter Mapping Grade) Bearings are referenced to UTM Grid North (Zone 17 North - NAD 1927).  
 2 - Latitude/Longitude shown are NAD 1927.  
 3 - Surface owner information obtained from the Roane County Assessor's tax records.

◆ - DENOTES A POSSIBLE WATER SUPPLY SOURCE LOCATED FROM CIRCA 2003 AERIAL PHOTOGRAPHY - NOT BY SURVEY. OTHER SOURCES MAY BE PRESENT.  
 + - DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

FILE NO. 1534  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY Sub-Meter  
 PROVEN SOURCE OF ELEVATION DGPS Survey  
 (Sub-Meter Mapping Grade)

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 ENVIRONMENTAL PROTECTION.  
 (SIGNED) [Signature]  
 TIMOTHY P. ROUSH PS 793



WEST VIRGINIA  
 Division of Environmental Protection  
 Office of Oil and Gas  
 601 57th Street  
 Charleston, West Virginia 25301



DATE February 26, 2016  
 FARM C.B. Ferrell No.218  
 API WELL NO. 47 - 087 - 04785

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
 (IF "GAS") PRODUCTION  STORAGE  DEEP  SHALLOW   
 LOCATION: ELEVATION 1,005' WATERSHED Edgell Fork  
 DISTRICT Smithfield COUNTY Roane  
 QUADRANGLE Looneyville 7.5'  
 SURFACE OWNER Timothy May & Ronald Carr ACREAGE 25.51 AC. & 20.35 Ac.  
 OIL & GAS ROYALTY OWNER HG Energy, LLC., et al LEASE ACREAGE 45 Ac. **05/06/2016**  
 LEASE NO. 62217-50  
 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 Big Injun ESTIMATED DEPTH 2,130'  
 WELL OPERATOR HG Energy LLC. DESIGNATED AGENT Diane White  
 ADDRESS 5260 DuPont Road ADDRESS 5260 DuPont Road  
Parkersburg, WV 26101 Parkersburg, WV 26101

FORM IV-6

RECEIVED  
 Office of Oil and Gas  
 APR 18 2016

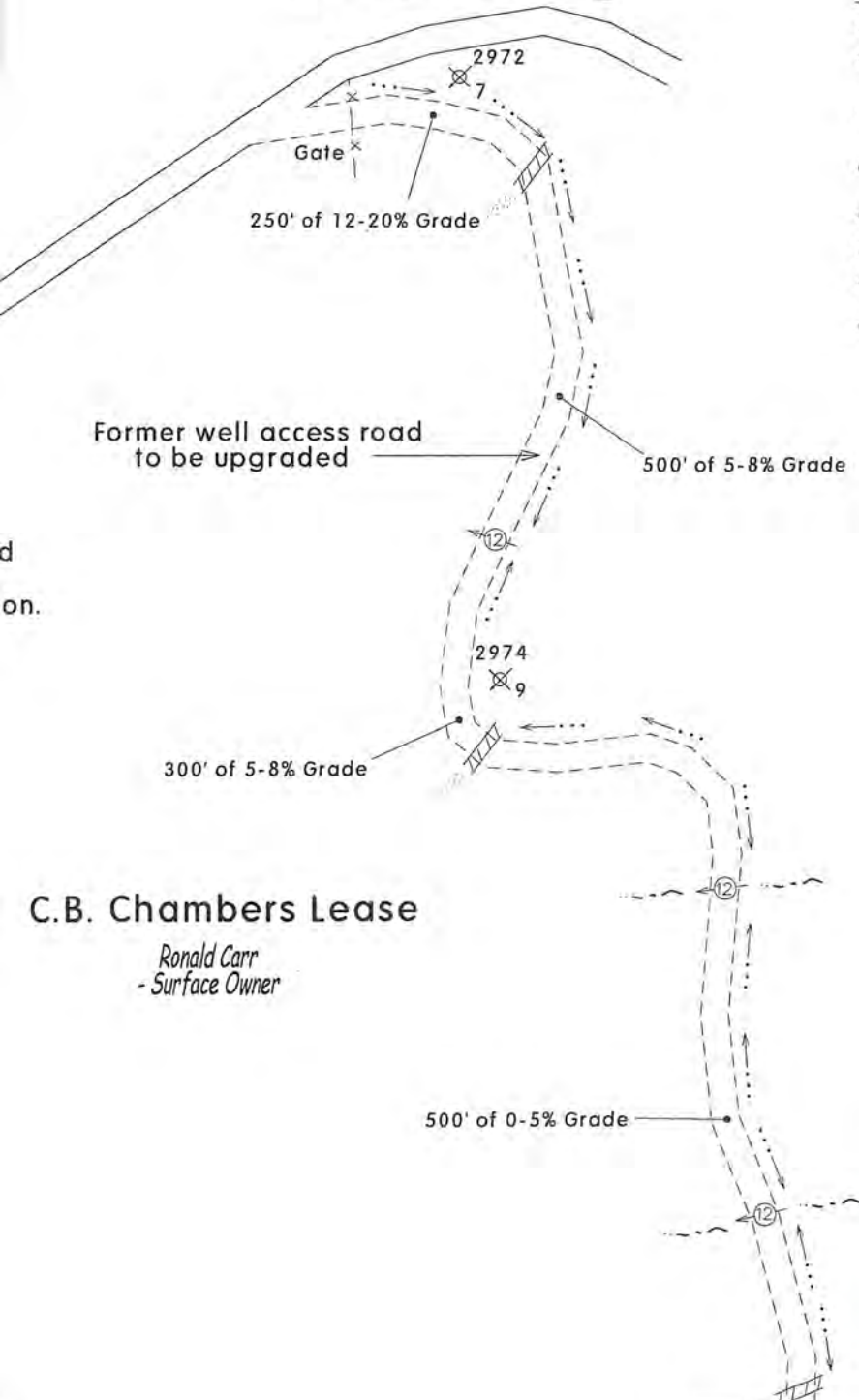


8704785

To A.W. Edgell No. 100

Notes:

- REQUESTED PERMIT IS FOR DRILLING OF NEW WELLS.
- ACCESS ROADS ARE EXISTING (EXCEPT AS SHOWN) AND WILL BE MAINTAINED TO WVDEP STANDARDS.
- STOCKPILE TOPSOIL FOR RE-DRESSING LOCATION DURING RECLAMATION
- ALL DISTURBED AREAS WILL BE RE-VEGETATED AS OUTLINED ON FORM WW-9.
- MAINTAIN SEDIMENT BARRIERS AND DRAINAGE STRUCTURES.
- ALL ROAD GRADES <5% EXCEPT AS NOTED.
- LOCATION OF DRILL PIT MAY BE CHANGED BASED ON AS-BUILT CONSIDERATIONS.
- DRAWING NOT TO SCALE.



C.B. Chambers Lease

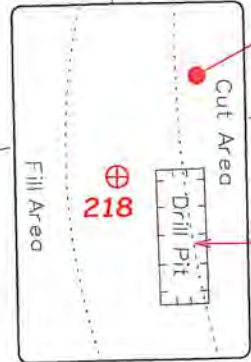
Ronald Carr  
- Surface Owner

*Handwritten signature*  
3-23-16

Location Size  
~80'x175' (0.3 Ac.)

Old Fence (Down)

Existing Vegetative Filter Strip

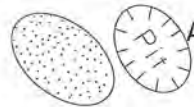


Pit Size  
~100'x15'x15'

C.B. Ferrell Lease

Office of Gas  
Timothy May  
- Surface Owner

APR 18 2016



Alternate pit

WV Department of Environmental Protection

05/06/2016