



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street, S.E.
Charleston, WV 25304
(304) 926-0450
fax: (304) 926-0452

Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary
www.dep.wv.gov

Thursday, September 08, 2016
NOTICE OF PERMIT CANCELLATION
Vertical / Secondary Recovery Well - 1

HG ENERGY, LLC
5260 DUPONT ROAD

PARKERSBURG, WV 26101

Re: Permit cancellation for BH BROWN 21
47-033-05850-00-00

The FINAL INSPECTION REPORT for the CANCELLED PERMIT, issued for U.S. Well Number 47-033-05850-00-00, has been received by the Office of Oil and Gas. The permit has been cancelled as of 7/7/2016.

If there are any questions, please feel free to contact me at (304) 926- 0450.

James A. Martin
Chief

Operator's Well Number: BH BROWN 21
Farm Name: MORRIS, NANCY & ROGERS, JAMES & WILL
U.S. WELL NUMBER: 47-033-05850-00-00
Vertical / Secondary Recovery Well - 1
Date Cancelled: 7/7/2016

Promoting a healthy environment.

09/09/2016

(BOT. HL: LON:-80°27'49.0") LON:-80°27'50.5"

1610'
6810'
LAT: 39°20'00"
LON: 80°27'30"
LAT: 39°18'52.7"
(BOTTOM HOLE: LAT: 39°18'45.5")

SURVEY NOTES

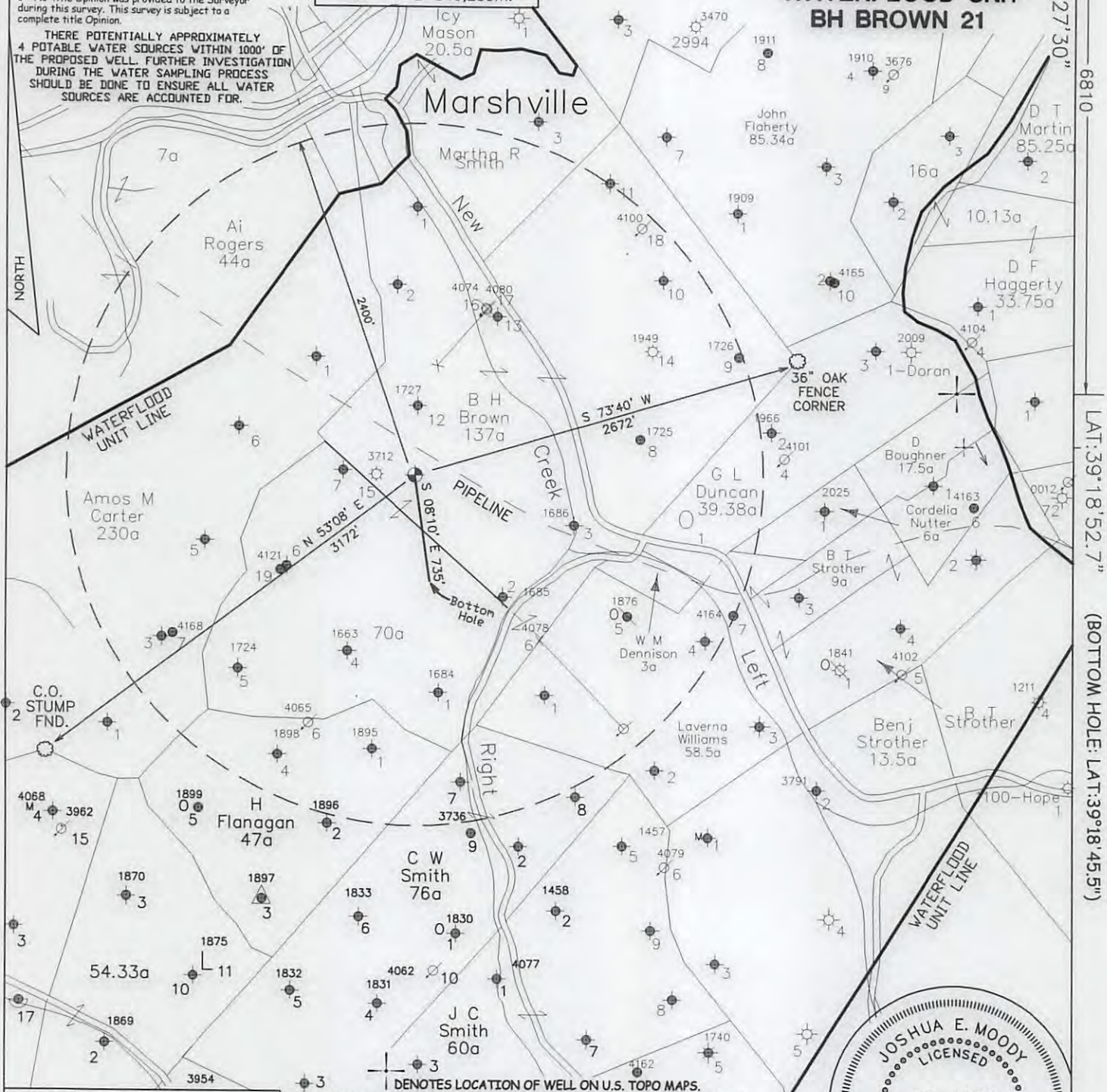
1 - Well ties and Latitude and Longitude were measured by Topcon HiPer GA survey grade GPS. Bearings are referenced to UTM Grid North (Zone 17 North - NAD 1927).

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)		LOCATION REFERENCES	
Surface	N-4,351,839m. E-546,221m.	MAGNETIC BEARING S 15° W 129.1' 24" WHITE OAK N 60° E 178.2' 48" RED OAK	
Bottom Hole	N-4,351,618m. E-546,253m.		

THERE POTENTIALLY APPROXIMATELY 4 POTABLE WATER SOURCES WITHIN 1000' OF THE PROPOSED WELL. FURTHER INVESTIGATION DURING THE WATER SAMPLING PROCESS SHOULD BE DONE TO ENSURE ALL WATER SOURCES ARE ACCOUNTED FOR.



JOB # 13-014
DRAWING # 14LAKEFLOYD 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 10/06/14
OPERATOR'S WELL BH BROWN # 21

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL HORIZONTAL **CANCELED**
(IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
LOCATION: ELEVATION 1279' WATERSHED TENMILE CREEK API WELL # 47-033-05850.5
DISTRICT TEN MILE COUNTY HARRISON STATE 47 COUNTY 033 PERMIT 05850.5
QUADRANGLE WOLF SUMMIT 7.5'

SURFACE OWNER NANCY MORRIS, WILLIAM ROGERS, JAMES ROGERS ACREAGE 98.27 ACRES +/-
OIL & GAS ROYALTY OWNER MAUDE LEE JARVIS AG'T LEASE ACREAGE 213 ACRES +/-
PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION **09/09/2016**
OTHER PHYSICAL CHANGE IN WELL (SPECIFY) WELL WILL BE DRILLED DIRECTIONALLY (S 08°10' E 735')
PLUG & ABANDON CLEAN OUT & REPLUG
TARGET FORMATION 5TH SAND ESTIMATED DEPTH TVD=2,935' MD=3,500'
WELL OPERATOR H.G. ENERGY, LLC DESIGNATED AGENT MIKE KIRSCH
ADDRESS 5260 DuPONT ROAD ADDRESS 5260 DuPONT ROAD
PARKERSBURG, WV 26101 PARKERSBURG, WV 26101