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

August 8, 2016
PERMIT MODIFICATION APPROVAL
Horizontal 6A / Horizontal 6A Well - 1

JAY-BEE OIL & GAS, INC.
1720 RT. 22 E

UNION, NJ 070830000

Re: Permit Modification Approval for SLEEPY 6
47-095-02146-00-00

Modified Permit to extend lateral after drilling

JAY-BEE OIL & GAS, INC.

The Office of Oil and Gas has reviewed the attached permit modification for the above referenced permit. The attached modification has been approved and well work may begin. Please be reminded that the oil and gas inspector is to be notified twenty-four (24) hours before permitted well work is commenced.

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

James A. Martin
Chief

Operator's Well Number: SLEEPY 6
Farm Name: WEIMER, BRENT A. & EMMA
U.S. WELL NUMBER: 47-095-02146-00-00
Horizontal 6A / Horizontal 6A Well - 1
Date Issued: August 8, 2016

95-02146 Mab

WW-6A1
(5/13)

Operator's Well No. Sleepy 6

INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE
Chapter 22, Article 6A, Section 5(a)(5)
IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that –

(1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;

(2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Lease Name or Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
T3036	Mary Gwen Tustin	Jay Bee Production Company	12.5%	390-838
T3043B	Jay-Bee Oil & Gas, Inc. (Deed)	Jay-Bee Oil & Gas, Inc.	12.5%	452-10
T3086 T4	Donald Headley	JB Exploration I, LLC	12.5%	474-800
T3207B	Willis Nigh	JB Exploration I, LLC	12.5%	421-321
T3207A	Harry Ice Kennedy	JB Exploration I, LLC	12.5%	431-294
T3086A2	Myrtle Martin	JB Exploration I, LLC	12.5%	421-115
T3206-4	Hazel Rayburn	JB Exploration I, LLC	12.5%	510-689
T6805B	Hentzel Lemasters	JB Exploration I, LLC	12.5%	417-363

Acknowledgement of Possible Permitting/Approval
In Addition to the Office of Oil and Gas

The permit applicant for the proposed well work addressed in this application hereby acknowledges the possibility of the need for permits and/or approvals from local, state, or federal entities in addition to the DEP, Office of Oil and Gas, including but not limited to the following:

- WV Division of Water and Waste Management
- WV Division of Natural Resources WV Division of Highways
- U.S. Army Corps of Engineers
- U.S. Fish and Wildlife Service
- County Floodplain Coordinator

The applicant further acknowledges that any Office of Oil and Gas permit in no way overrides, replaces, or nullifies the need for other permits/approvals that may be necessary and further affirms that all needed permits/approvals should be acquired from the appropriate authority before the affected activity is initiated.

Well Operator: Jay-Bee Oil & Gas, Inc
By: Shane Dowell
Its: Office Manager

Shane Dowell

FORM WW-6

Top Hole 8,609'

Bottom Hole 12,196'

LATITUDE 39-30-00 N

Bottom Hole 4,802'

Top Hole 8,931'

LONGITUDE 80-42-30 W

NORTH

References

REBAR SET

SLEEPY-6
095-02146H

N77°22'59"E
228'

S02°09'45"W
232'

REBAR SET

NTS

NOTES:
1. CORNER TIES, REFERENCES, PROPERTY LINE INFORMATION, 2400' CIRCLE AND SURFACE OWNERSHIPS WERE TAKEN FROM ERNEST J. BENCHEK III PLAT DATED JUNE 2, 2014. FILE NO. 201366.
2. WELL HEAD WAS FIELD LOCATED BY JACKSON SURVEYING USING RTK GPS AND IS BASED UPON AN OPUS SOLUTION.
3. LEC AND BH LOCATIONS ARE BASED UPON DRILLING REPORT BY PANTHER DRILLING SYSTEMS DATED OCTOBER 2, 2014 WITH JOB NUMBER NE140027H.

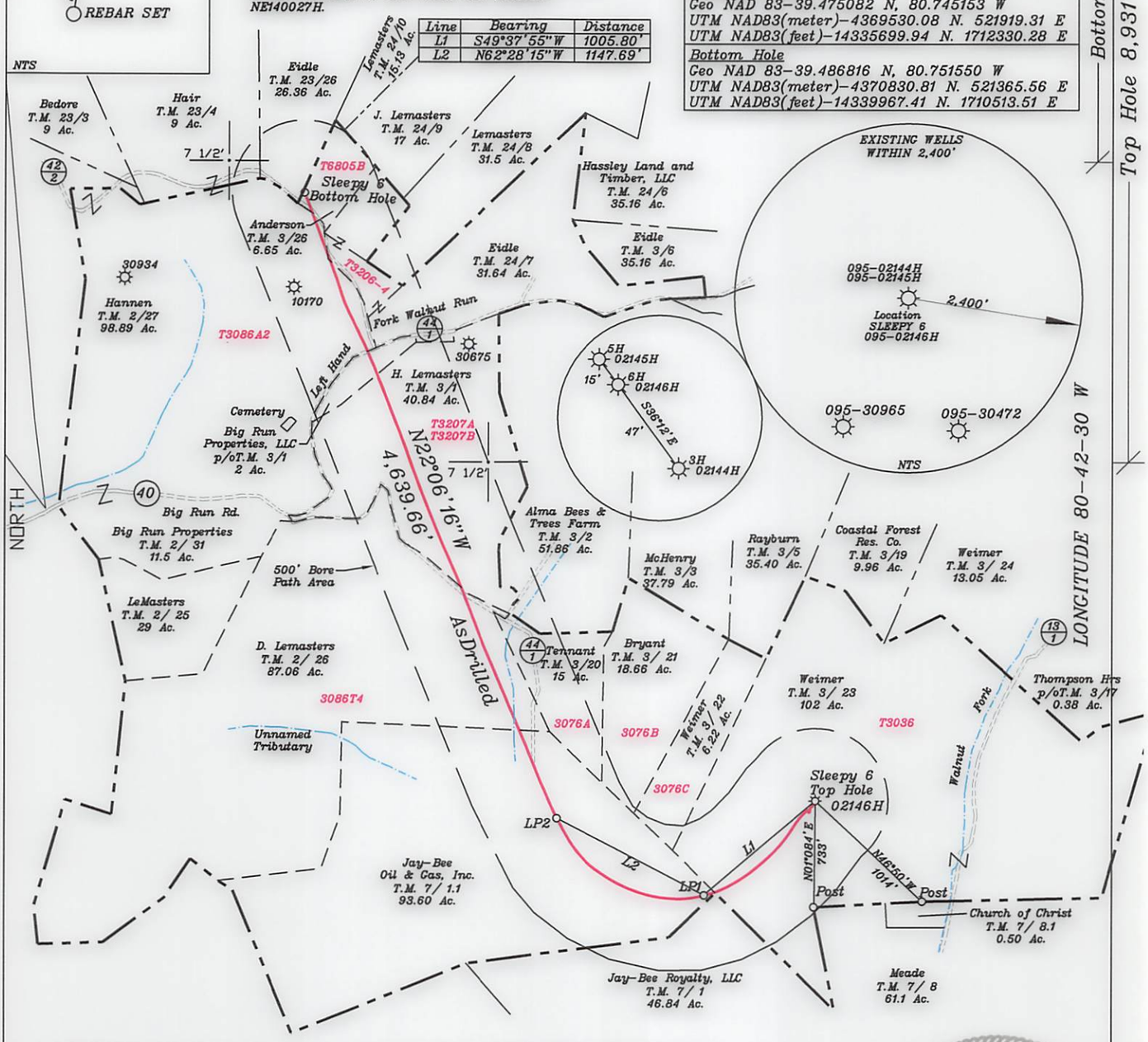
Line	Bearing	Distance
L1	S49°37'55"W	1005.80'
L2	N62°28'15"W	1147.69'

Top Hole
Geo NAD 83-39.475482 N, 80.738840 W
UTM NAD83(meter)-4369576.01 N. 522462.22 E
UTM NAD83(feet)-14335850.64 N. 1714111.46 E

Landing Point 1
Geo NAD 83-39.473664 N, 80.741522 W
UTM NAD83(meter)-4369373.65 N. 522232.07 E
UTM NAD83(feet)-14335186.72 N. 1713356.38 E

Landing Point 2
Geo NAD 83-39.475082 N, 80.745153 W
UTM NAD83(meter)-4370830.81 N. 521919.31 E
UTM NAD83(feet)-14335699.94 N. 1712330.28 E

Bottom Hole
Geo NAD 83-39.486816 N, 80.751550 W
UTM NAD83(meter)-4370830.81 N. 521365.56 E
UTM NAD83(feet)-14339967.41 N. 1710513.51 E



(+) 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 RULES ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

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

DAVID JACKSON LICENSED No. 708 STATE OF WEST VIRGINIA PROFESSIONAL SURVEYOR

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

DATE March 23, 2016
OPERATOR'S WELL NO. Sleepy 6
API WELL NO. As Drilled
47 — 095 — 02146H MOD
STATE COUNTY PERMIT

WELL TYPE: OIL__ GAS X LIQUID INJECTION__ WASTE DISPOSAL__
(IF "GAS") PRODUCTION X STORAGE__ DEEP__ SHALLOW X

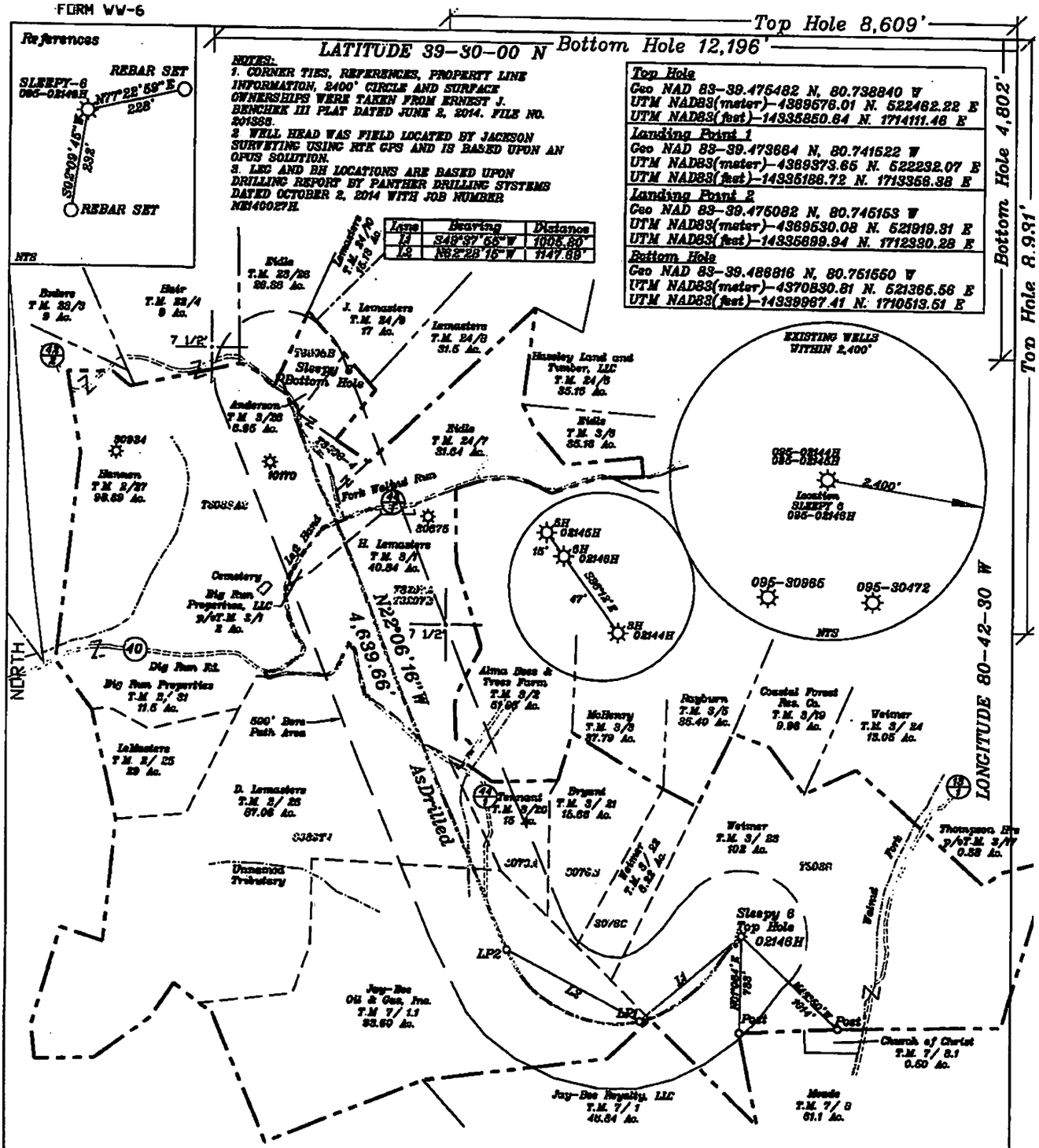
LOCATION: ELEVATION 1111.4' WATER SHED Walnut Fork of Indian Creek
DISTRICT McElroy COUNTY Tyler
QUADRANGLE Center Point 7 1/2'

SURFACE OWNER Brent A. & Emma Weimer ACREAGE 102.00
ROYALTY OWNER Mary Gwen Tustin ACREAGE 102.00
LEASE NO. "See ownership list above for lease numbers"

PROPOSED WORK: DRILL X CONVERT__ DRILL DEEPER__ REDRILL__ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION__ PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As Drilled
PLUG AND ABANDON__ CLEAN OUT AND REPLUG__

TARGET FORMATION Marcellus ESTIMATED DEPTH TVD = 6,919'; TMD = 13,395'
WELL OPERATOR Jay Bee Oil & Gas, Inc. DESIGNATED AGENT Randy Broda
ADDRESS 1720 Rt. 22, East Union, NJ 07083 ADDRESS 3570 Shields Hill Road, Cairo, WV 26337

FORM WW-6



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JAY-BEE OIL & GAS, INC.

July 7, 2016

West Virginia Department of Environmental Protection
Office of Oil & Gas
601 57th St. SE
Charleston, WV 25304

RE: Request for Modification Sleepy 6

Dear Ms. Adkins:

Accompanying this letter is a copy of the plat and WW6A1.

We are requesting modification for well API 47-095-02146, in which the well deviated from approved platting.

If you would have any questions concerning this matter, please feel free to contact me at the number listed below.

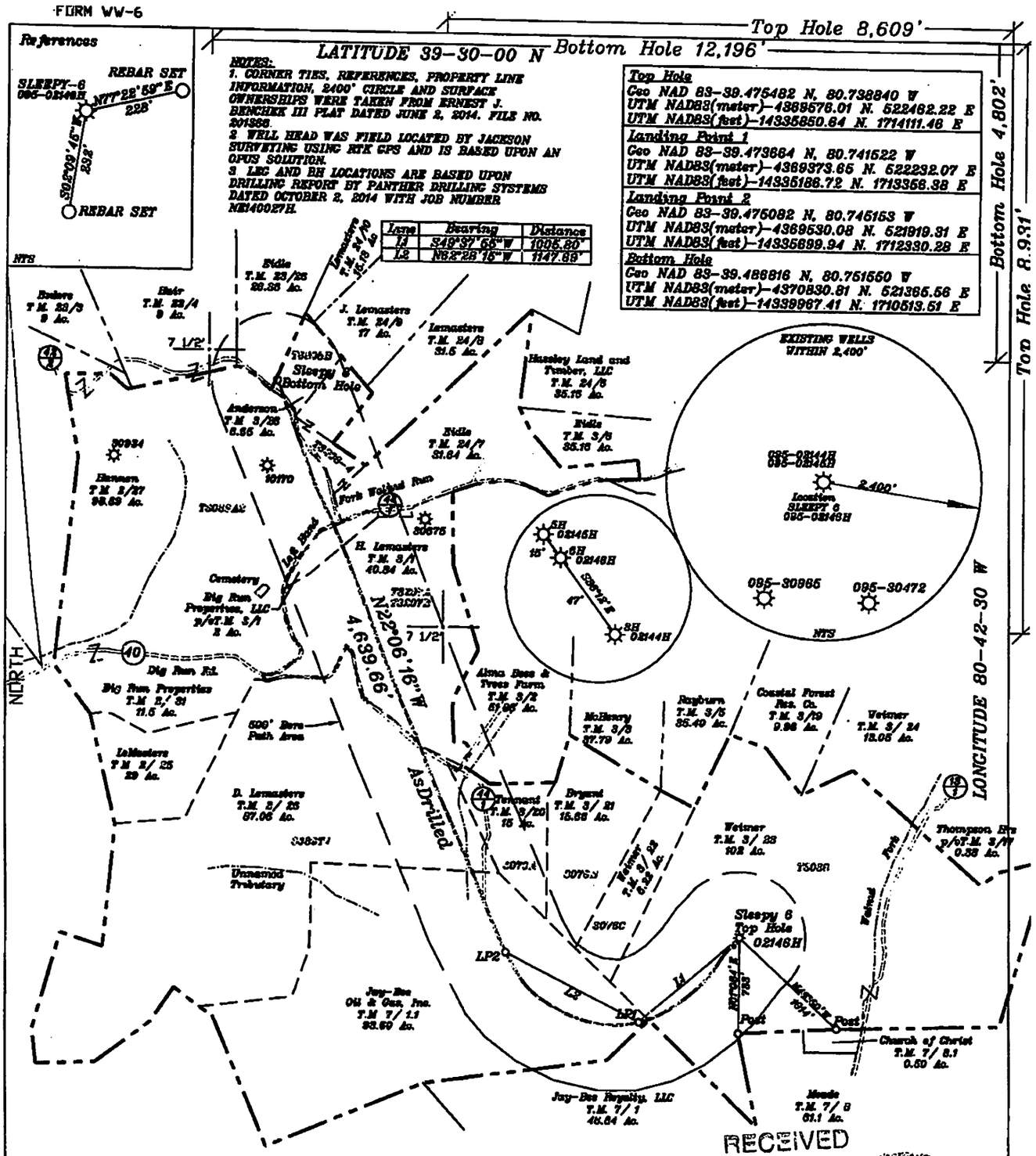
Sincerely,

Shane Dowell
Office Manager

RECEIVED
Office of Oil and Gas
JUL 12 2016
WV Department of
Environmental Protection

3570 Shields Hill Rd, Cairo, WV 26337 ▪ Phone 304-628-3111 ▪ Fax 304-628-3119

FORM WW-6



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