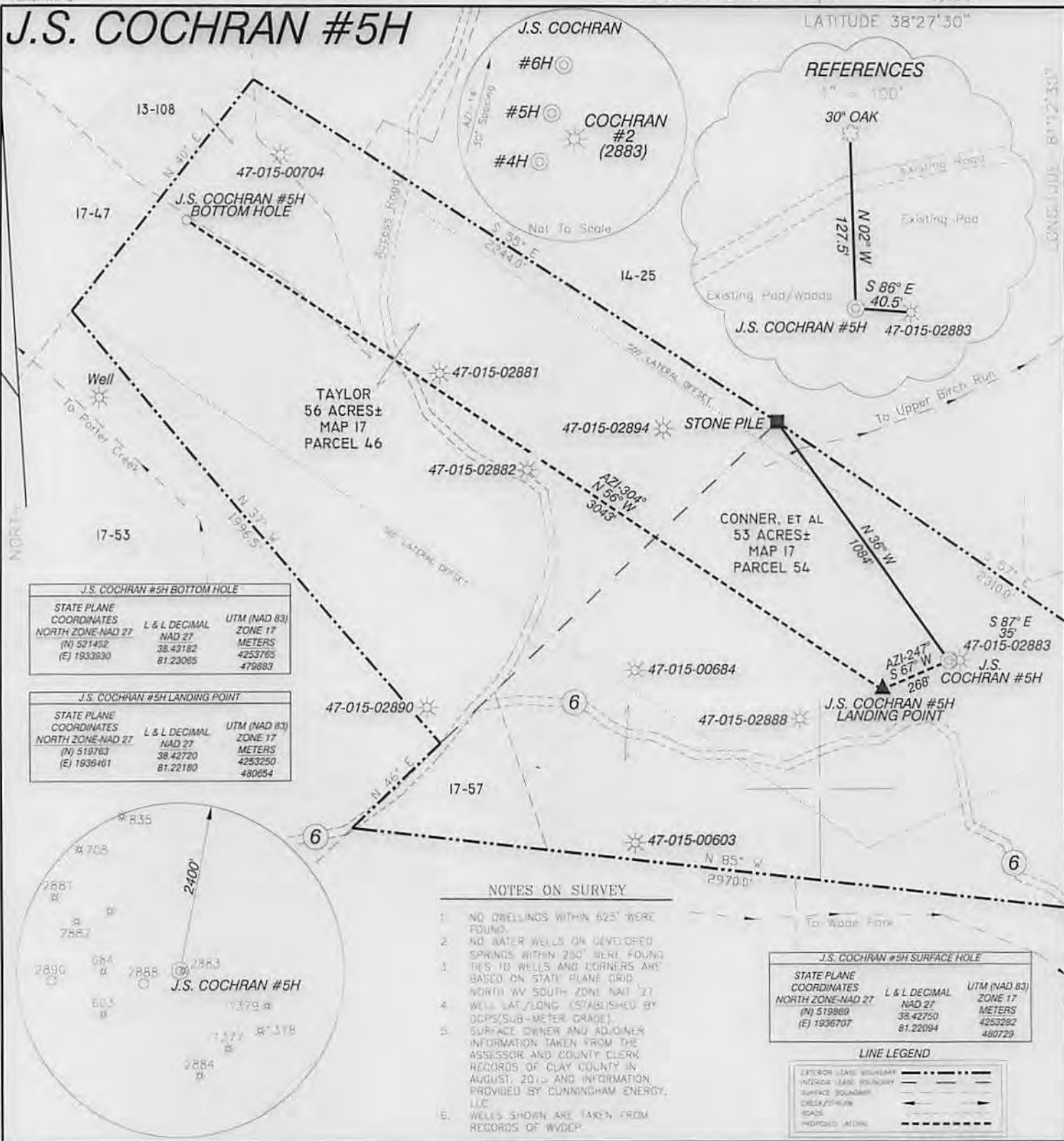


J.S. COCHRAN #5H



J.S. COCHRAN #5H BOTTOM HOLE

STATE PLANE COORDINATES	L & L DECIMAL	UTM (NAD 83) ZONE 17 METERS
NORTH ZONE NAD 27 (N) 521452	NAD 27 38.43182	4253763
(E) 1933930	81.23085	479883

J.S. COCHRAN #5H LANDING POINT

STATE PLANE COORDINATES	L & L DECIMAL	UTM (NAD 83) ZONE 17 METERS
NORTH ZONE NAD 27 (N) 519763	NAD 27 38.42720	4253250
(E) 1936461	81.22180	480654

J.S. COCHRAN #5H SURFACE HOLE

STATE PLANE COORDINATES	L & L DECIMAL	UTM (NAD 83) ZONE 17 METERS
NORTH ZONE NAD 27 (N) 519869	NAD 27 38.42750	4253282
(E) 1936707	81.22094	480729

LINE LEGEND

EXTERIOR (L&S) BOUNDARY	---
INTERIOR (L&S) BOUNDARY	---
SURFACE BOUNDARY	---
DEEP/WIDE	---
ROADS	---
PROPOSED WORK	---

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.



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 DATE NOVEMBER 18, 20 13
 OPERATORS WELL NO. J.S. COCHRAN #5H
 API WELL NO. 47-015-02896H
 STATE COUNTY PERMIT

P.S. 834

HUPP Surveying & Mapping
 P.O. Box 647 Grantsville, WV 26147
 (304) 354-7025 EMAIL: hupp@frontiernet.net

MINIMUM DEGREE OF ACCURACY 1/2500 FILE NO. W2136(BK66-25)
 HORIZONTAL SOURCE DGPS(SUB-METER GRADE) SCALE 1" = 500'

STATE OF WEST VIRGINIA
 DIVISION OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL AND GAS

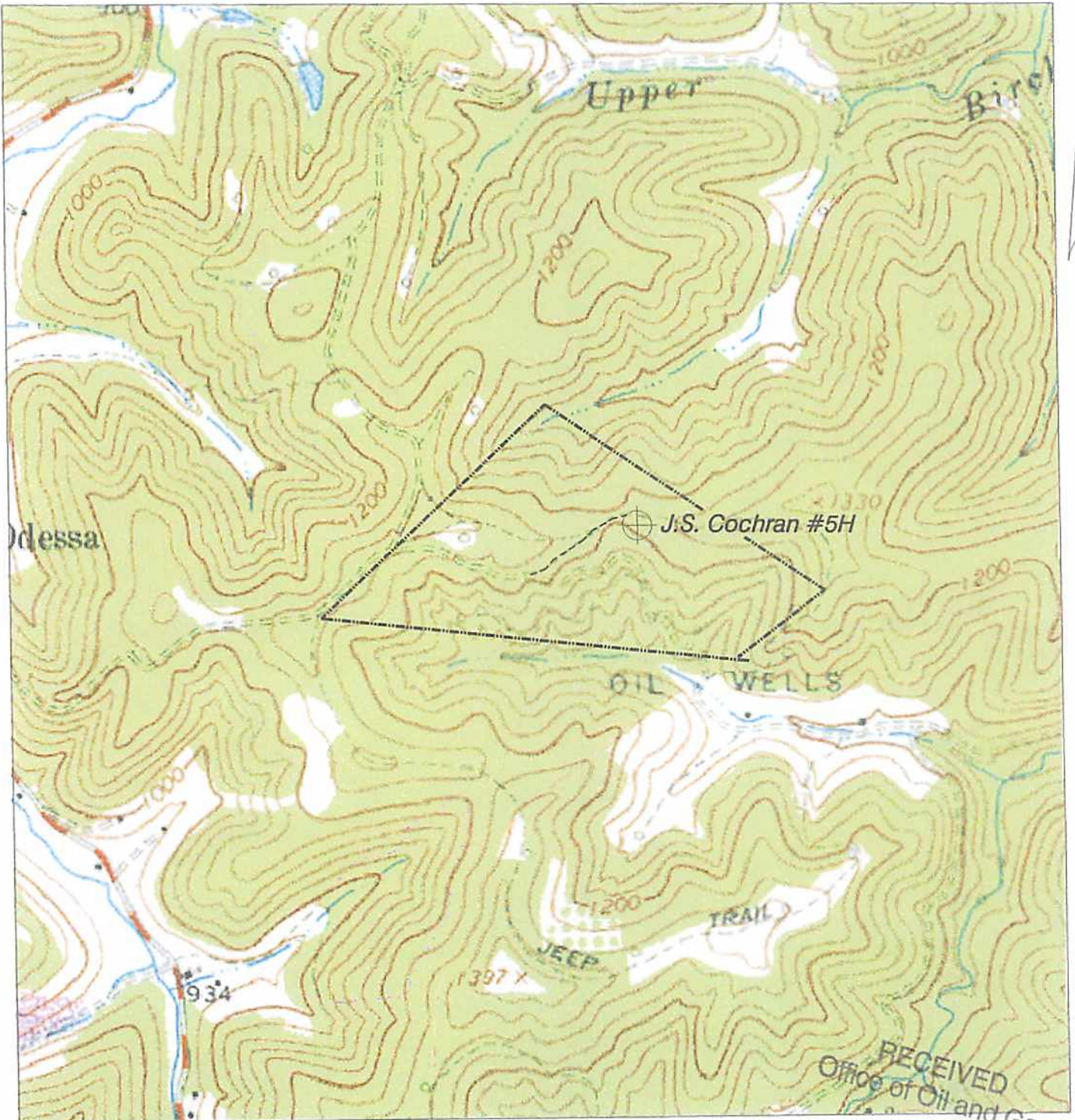
WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 1,215' WATERSHED TRIBUTARY OF WADE FORK
 DISTRICT UNION COUNTY CLAY QUADRANGLE ELKHURST 7.5'

SURFACE OWNER CHESSIE CONNER, et al ACREAGE 53±
 ROYALTY OWNER ALVIN ENGELKE, AGENT, et al LEASE ACREAGE 345.25±
 PROPOSED WORK: LEASE NO. _____
 DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER _____
 PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION BIG INJUN
 ESTIMATED DEPTH TVD- 2,150' MD- 5,200'

WELL OPERATOR CUNNINGHAM ENERGY, LLC DESIGNATED AGENT RYAN CUNNINGHAM
 ADDRESS 1230 PENNSYLVANIA AVE CHARLESTON, WV 25302 ADDRESS 1230 PENNSYLVANIA AVE CHARLESTON, WV 25302 **03/21/2014**

CUNNINGHAM ENERGY J.S. Cochran #5H



NORTH

HUPP Surveying & Mapping

P.O. BOX 647 GRANTSVILLE, WV 26147
PH: (304)354-7035 E-MAIL: hupp@frontiernet.net

1" = 1000'
Elkhurst Quad

WV Department of Environmental Protection
Cunningham Energy, LLC.
3230 Pennsylvania Ave.
Charleston, WV 25302

RECEIVED
Office of Oil and Gas
JAN 15 2014