

J.S. COCHRAN #8H

CONNER, ET AL
53 ACRES±
MAP 17
PARCEL 54

47-015-02883
N 77° W
70'

J.S. COCHRAN #8H

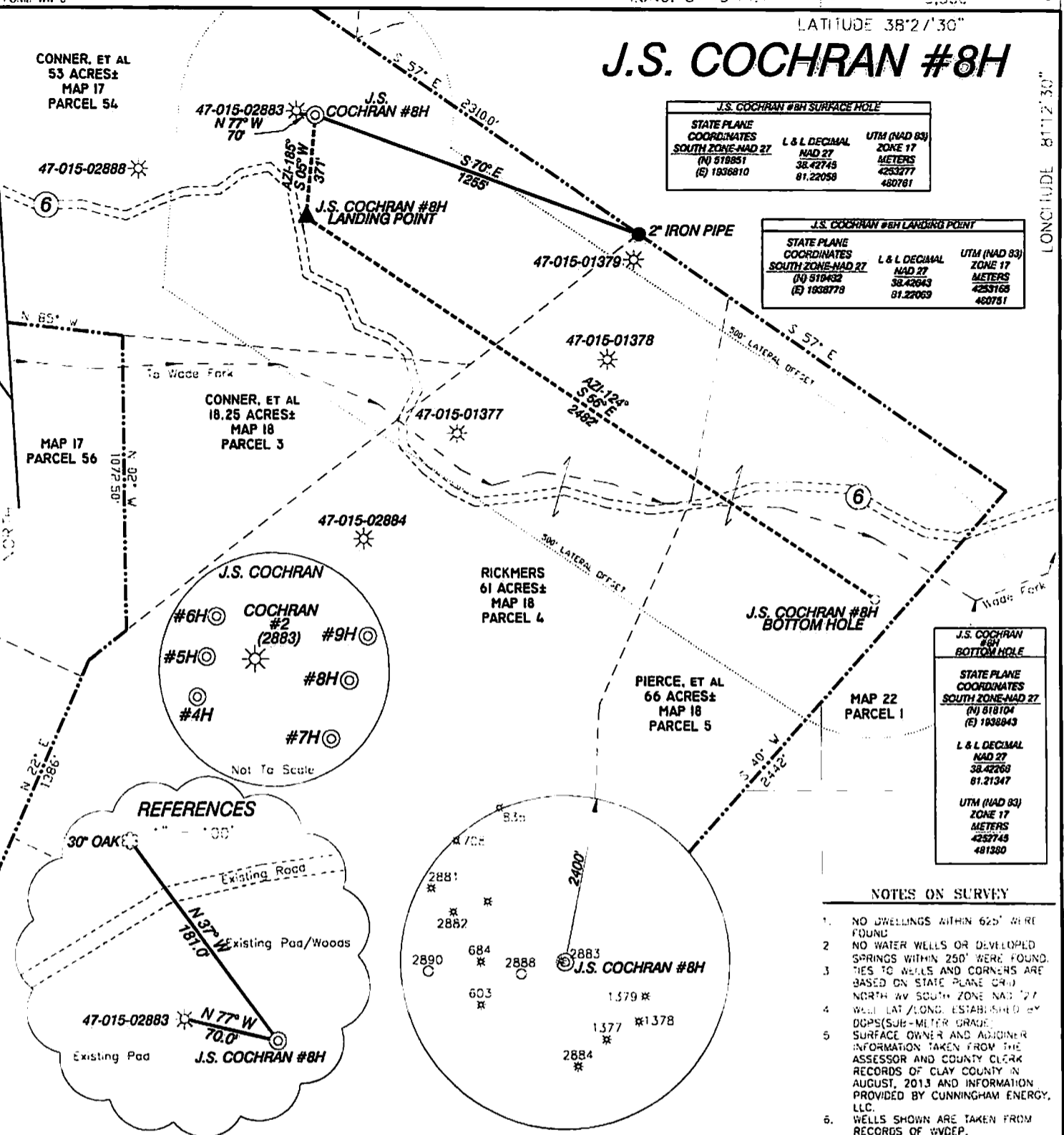
J.S. COCHRAN #8H SURFACE HOLE		
STATE PLANE COORDINATES SOUTH ZONE-NAD 27	L & L DECIMAL	UTM (NAD 83)
(N) 519851	NAD 27	ZONE 17
(E) 1936810	38.42745	METERS
	81.22058	4253277
		480761

J.S. COCHRAN #8H LANDING POINT		
STATE PLANE COORDINATES SOUTH ZONE-NAD 27	L & L DECIMAL	UTM (NAD 83)
(N) 519432	NAD 27	ZONE 17
(E) 1938778	38.42643	METERS
	81.22069	4253168
		480761

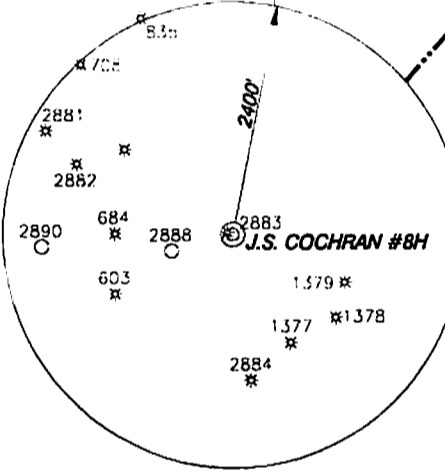
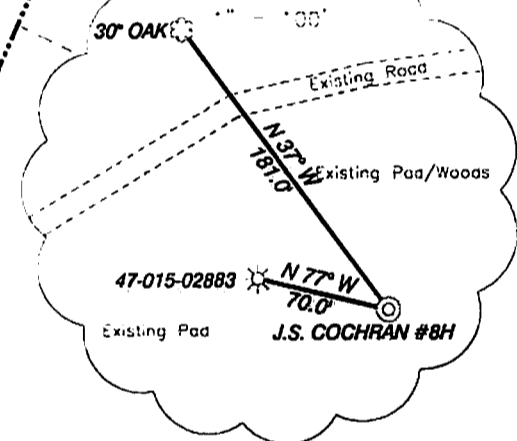
J.S. COCHRAN #8H BOTTOM HOLE		
STATE PLANE COORDINATES SOUTH ZONE-NAD 27	L & L DECIMAL	UTM (NAD 83)
(N) 518104	NAD 27	ZONE 17
(E) 1938843	38.42268	METERS
	81.21347	4252745
		481380

NOTES ON SURVEY

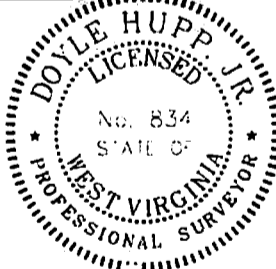
- NO DWELLINGS WITHIN 625' WERE FOUND.
- NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250' WERE FOUND.
- TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE COORDINATES NORTH AND SOUTH ZONE NAD 27.
- WELL LAT/LONG ESTABLISHED BY DGPS (SUB-METER GRADE).
- SURFACE OWNER AND ADDRESSEE INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF CLAY COUNTY IN AUGUST, 2013 AND INFORMATION PROVIDED BY CUNNINGHAM ENERGY, LLC.
- WELLS SHOWN ARE TAKEN FROM RECORDS OF WVDEP.



REFERENCES



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: APR 10, 2014
 OPERATORS WELL NO. J.S. COCHRAN #8H
 API NO. 47-015-02899
 STATE COUNTY PERMIT

D.S. 834
 Doyle Hupp, Jr.
 HUPP Surveying & Mapping
 P.O. Box 647 Grantsville, WV 26147
 (304) 354-7035 EMAIL: hupp@frontiernet.net

MINIMUM DEGREE OF ACCURACY: 1/2500
 FILE NO: W2136(BK66-25)
 PROVEN SOURCE OF ELEVATION: 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'

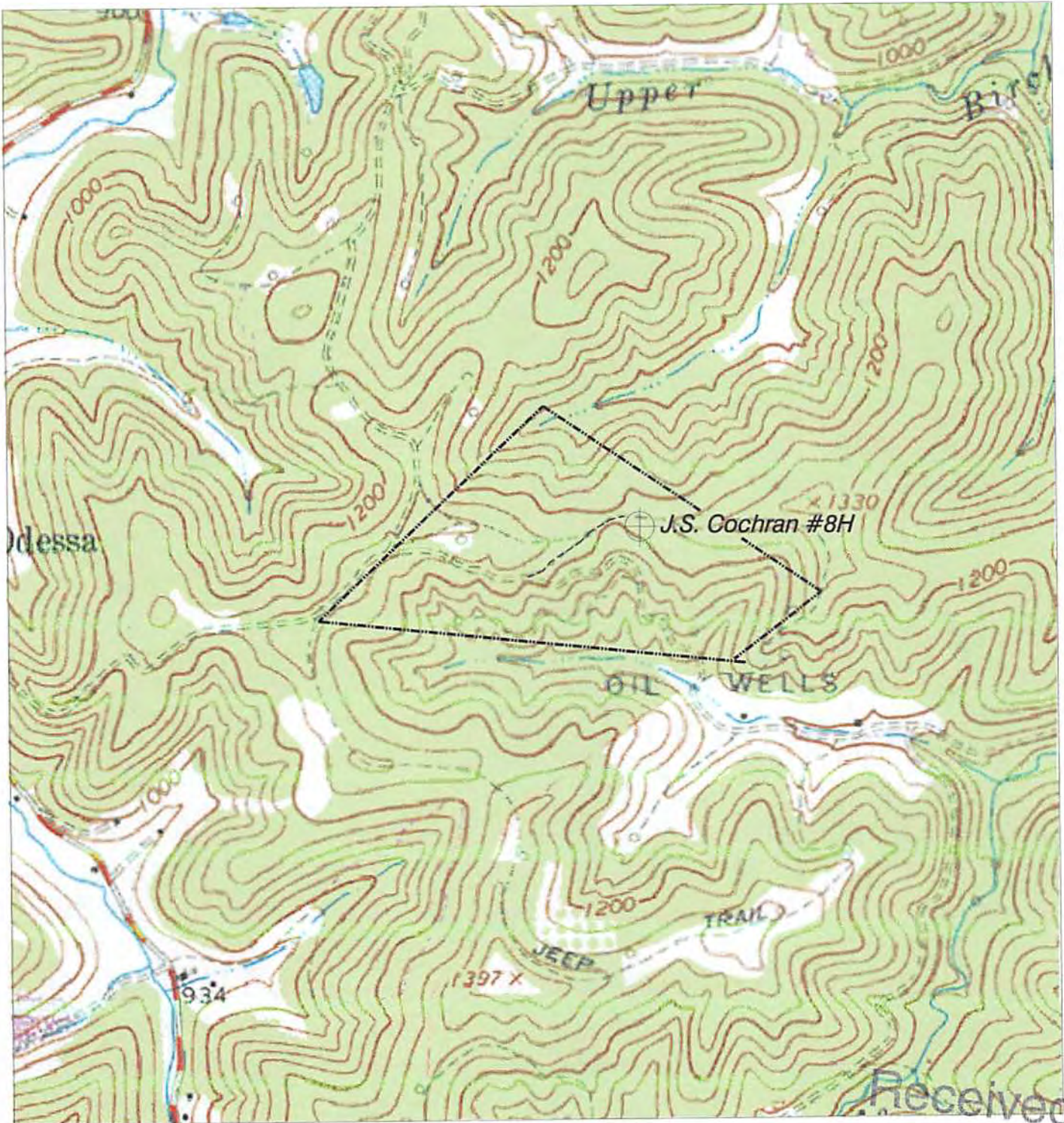
SURFACE OWNER CHESSIE CONNER, et al ACREAGE 53±
 ROYALTY OWNER ALVIN ENGELKE, AGENT, et al LEASE ACREAGE 180±

PROPOSED WORK: DRILL CONVERT DRILL DEEPER RE-DRILL WAD WELL OR STOP WORK PLUG AND ABANDON
 FORMATION PERFORATE: NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPERFORATE OTHER
 PHYSICAL CHANGE IN WELL (SPECIFY) TARGET FORMATION BIG INJECT ESTIMATED DEPTH TVD- 2,150' MD- 5,200'

WELL OPERATOR CUNNINGHAM ENERGY, LLC. DESIGNATED AGENT RYAN CUNNINGHAM
 ADDRESS 4230 PENNSYLVANIA AVE. CHARLESTON, WV 25302 ADDRESS 4230 PENNSYLVANIA AVE. CHARLESTON, WV 25302

08/01/2014

CUNNINGHAM ENERGY J.S. Cochran #8H



NORTH

Received

HUPP Surveying & Mapping

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1" = 1000'
Elkhurst Quad

APR 18 2014
 Cunningham Energy, LLC.
 3230 Pennsylvania Ave.
 Charleston, WV
 Office of Oil and Gas
 WV Dept of Environmental Protection