

J.S. COCHRAN #9H

CONNER, ET AL
53 ACRES±
MAP 17
PARCEL 54

J.S. COCHRAN #9H
AZI-87°
N 87° E
19.2'
S 79° W
83'
47-015-02883

| J.S. COCHRAN #9H SURFACE HOLE | | |
|---|----------------------|-----------------------------|
| STATE PLANE COORDINATES SOUTH ZONE-NAD 27 | L & L DECIMAL NAD 27 | UTM (NAD 83) ZONE 17 METERS |
| (N) 519883 | 38.42754 | 4293287 |
| (E) 1936824 | 81.22053 | 480765 |

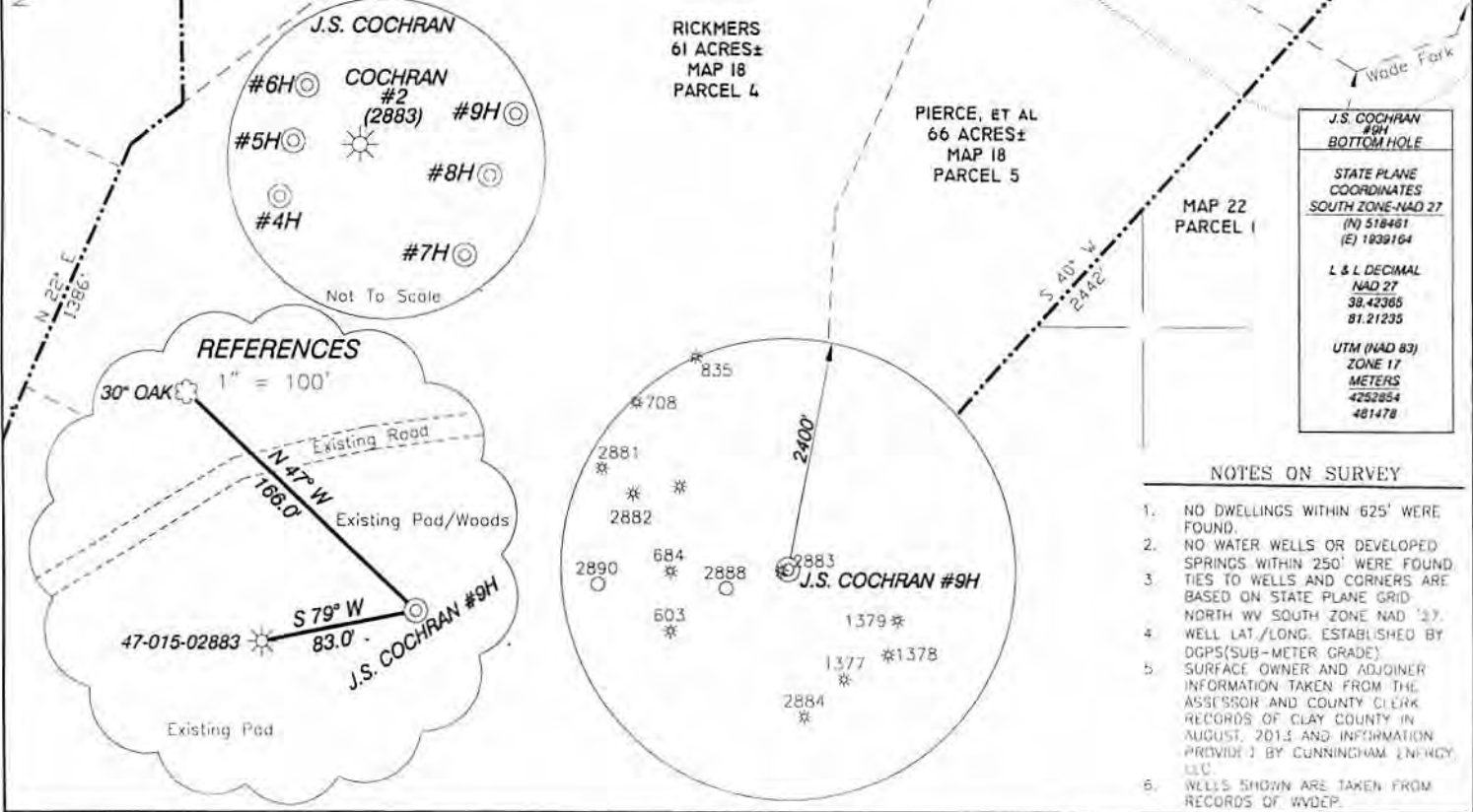
| J.S. COCHRAN #9H LANDING POINT | | |
|---|----------------------|-----------------------------|
| STATE PLANE COORDINATES SOUTH ZONE-NAD 27 | L & L DECIMAL NAD 27 | UTM (NAD 83) ZONE 17 METERS |
| (N) 519893 | 38.42756 | 4253290 |
| (E) 1937018 | 81.21985 | 480624 |

| J.S. COCHRAN #9H BOTTOM HOLE | | |
|---|----------------------|-----------------------------|
| STATE PLANE COORDINATES SOUTH ZONE-NAD 27 | L & L DECIMAL NAD 27 | UTM (NAD 83) ZONE 17 METERS |
| (N) 518481 | 38.42365 | 4252854 |
| (E) 1839164 | 81.21235 | 481478 |

NORTH

LONGITUDE 81°12'30"

LAT. 38°25'39.1"



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

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 FEBRUARY 12, 20 14
 OPERATOR'S WELL NO. J.S. COCHRAN #9H
 API WELL NO. 47-015-02900 H
 STATE COUNTY PERMIT

P.S. 834

 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 ELKHURSI 7.5'

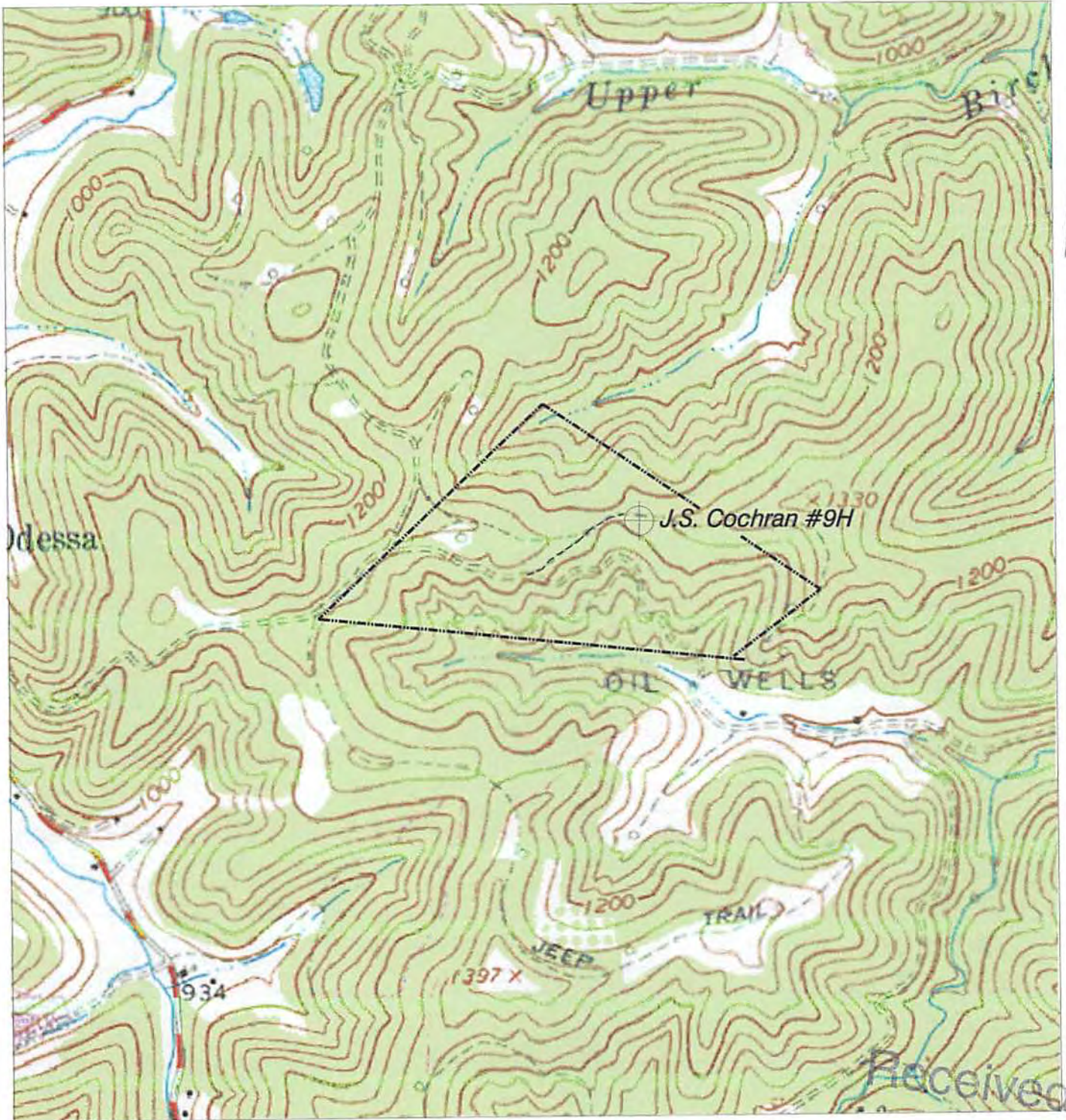
SURFACE OWNER CHESSIE CONNER, et al ACREAGE 53±
 ROYALTY OWNER ALVIN ENGELKE, AGENT, et al LEASE ACREAGE 180±

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 3230 PENNSYLVANIA AVE CHARLESTON, WV 25302 ADDRESS 3230 PENNSYLVANIA AVE CHARLESTON **08/08/2014**

CUNNINGHAM ENERGY J.S. Cochran #9H



NORTH

HUPP Surveying & Mapping

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1" = 1000'
Elkhurst Quad

Cunningham Energy, LLC.
3230 Pennsylvania Ave
Charleston, WV 25302
Office of Oil and Gas
Dept. of Environmental Protection

APR 18 2014