

J.S. COCHRAN #7H

CONNER, ET AL
53 ACRES±
MAP 17
PARCEL 54

47-015-02883

J.S. COCHRAN #7H

47-015-02888

6

J.S. COCHRAN #7H
LANDING POINT

MAP 17
PARCEL 56

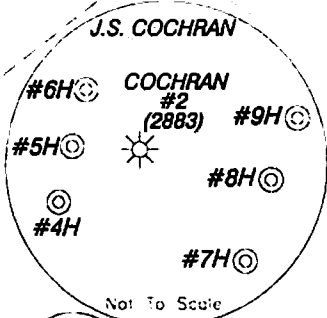
CONNER, ET AL
18.25 ACRES±
MAP 18
PARCEL 3

47-015-01377

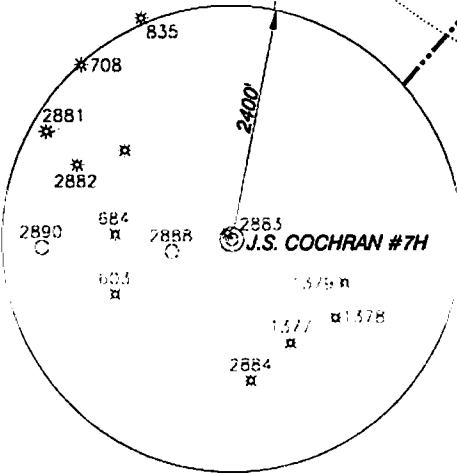
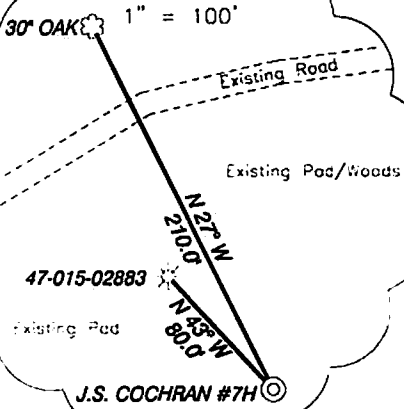
RICKMERS
61 ACRES±
MAP 18
PARCEL 4

PIERCE, ET AL
66 ACRES±
MAP 18
PARCEL 5

47-015-02884



REFERENCES



J.S. COCHRAN #7H SURFACE HOLE		
STATE PLANE COORDINATES SOUTH ZONE-NAD 27	L & L DECIMAL NAD 27	UTM (NAD 83) ZONE 17
(N) 518505	38.42733	METERS 4253284
(E) 1936797	81.22083	460757

J.S. COCHRAN #7H LANDING POINT		
STATE PLANE COORDINATES SOUTH ZONE-NAD 27	L & L DECIMAL NAD 27	UTM (NAD 83) ZONE 17
(N) 519264	38.42553	METERS 4253058
(E) 1936250	81.22253	480590

J.S. COCHRAN #7H BOTTOM HOLE		
STATE PLANE COORDINATES SOUTH ZONE-NAD 27	L & L DECIMAL NAD 27	UTM (NAD 83) ZONE 17
(N) 517747	38.42168	METERS 4252658
(E) 1936823	81.21458	481283

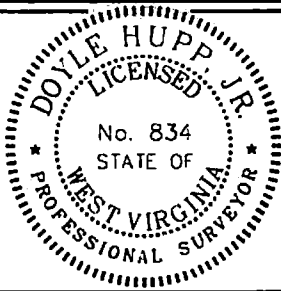
NOTES ON SURVEY

- NO DRILLINGS WITHIN 625' WERE FOUND
- NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 200' WERE FOUND. THIS TO WELLS AND CORNERS ARE BASED ON STATE PLANE SURVEY NORTH-WEST QUARTER ZONE 17
- WELL LOCATION ESTABLISHED BY GPS(SUB-MERIDIAN GRADE)
- SURFACE OWNER AND ADDRESS 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 WVDOP.

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.

P. S.
8.54

HUPP Surveying & Mapping
 P.O. Box 647 Grantsville, WV 26147
 (304) 354-7035 EMAIL: hupp@francinet.net



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

DATE APRIL 10, 2014

OPERATORS WELL NO. J.S. COCHRAN #7H

API WELL NO. 47-015-02898 H

STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/2500 FILE NO. W2136(3K66-25)

PROVEN SOURCE OF INFORMATION GPS(SUB-MERIDIAN GRADE) SCALE 1" = 500'

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

TYPE OF WELL: 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 198.25±

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

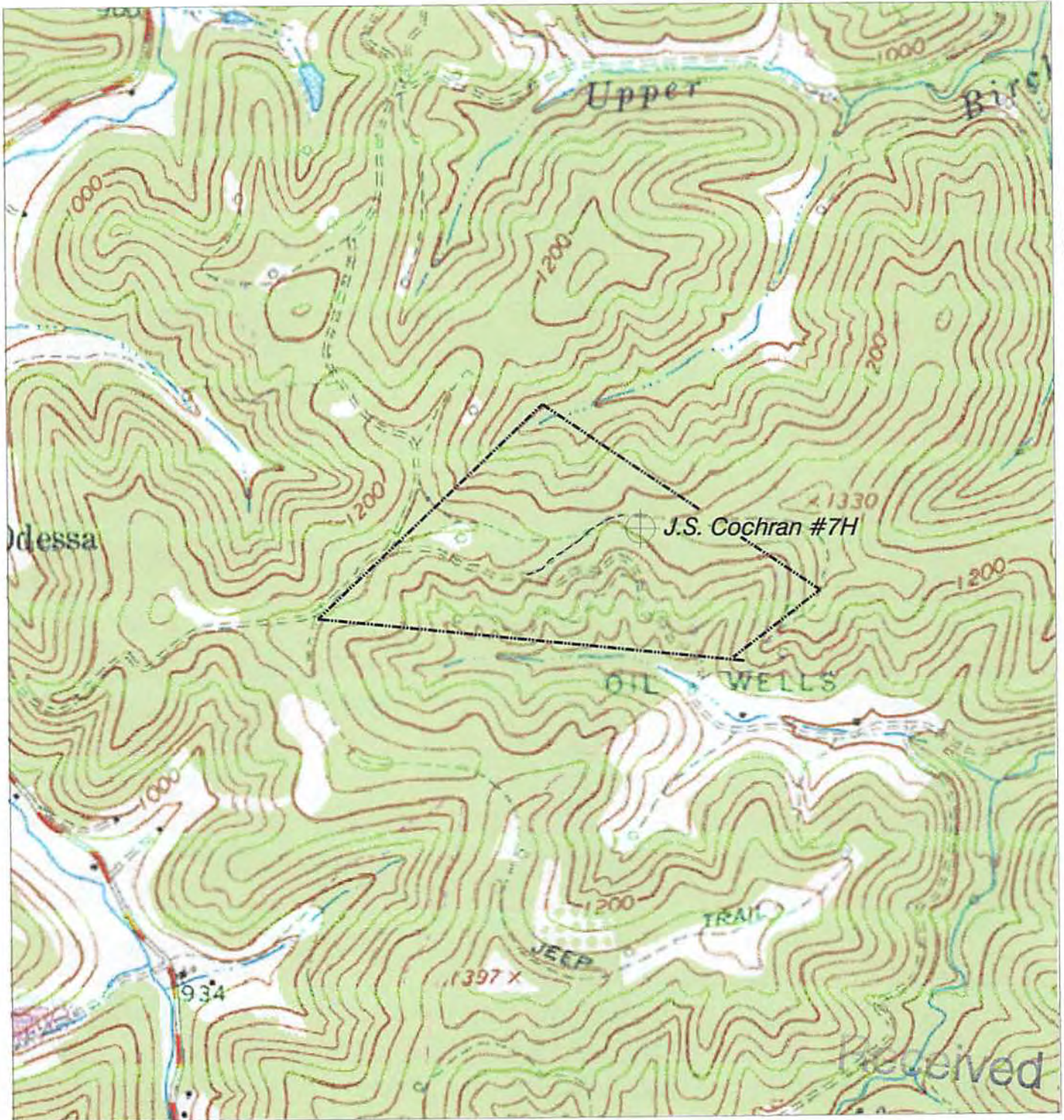
ESTIMATED DEPTH TVD- 2,150' MD- 5,200'

WELL OPERATOR CUNNINGHAM ENERGY, LLC. DESIGNATED AGENT RYAN CUNNINGHAM

ADDRESS 4240 PENNSYLVANIA AVE CHARLESTON, WV 25302 ADDRESS PENNSYLVANIA AVE CHARLESTON, WV 25302

08/01/2014

CUNNINGHAM ENERGY J.S. Cochran #7H



NORTH

APR 18 2014

HUPP Surveying & Mapping

P.O. BOX 647 GRANTSVILLE, WV 26147
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1" = 1000'
Elkhurst Quad

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