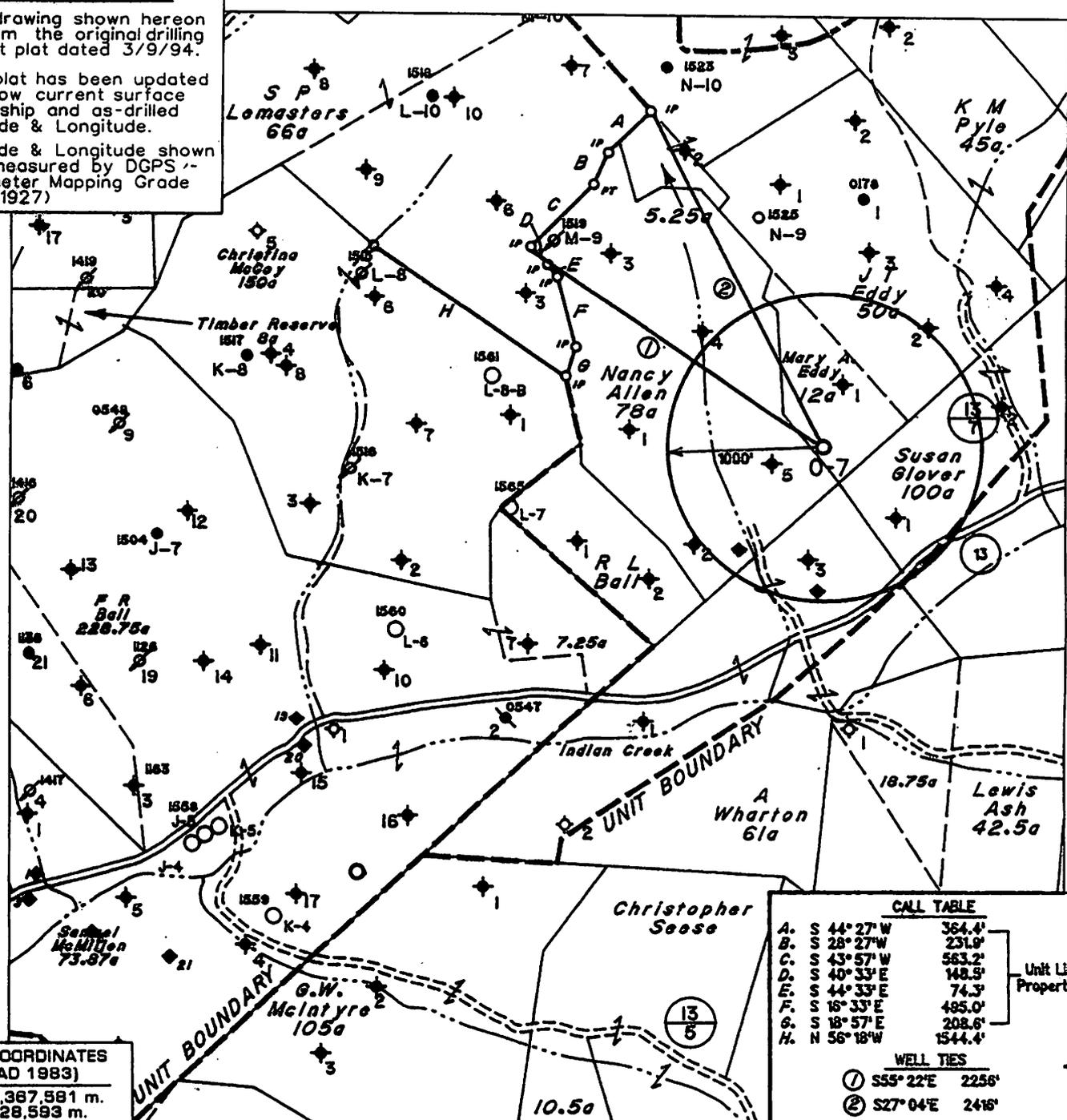


PLAT NOTES

- The drawing shown hereon is from the original drilling permit plat dated 3/9/94.
- This plat has been updated to show current surface ownership and as-drilled Latitude & Longitude.
- Latitude & Longitude shown was measured by DGPS - Sub-Meter Mapping Grade (NAD 1927)



UTM COORDINATES (NAD 1983)
 N - 4,367,581 m.
 E - 528,593 m.

CALL TABLE	
A. S 44° 27' W	364.4'
B. S 28° 27' W	231.8'
C. S 43° 57' W	583.2'
D. S 40° 33' E	148.9'
E. S 44° 33' E	74.3'
F. S 16° 33' E	485.0'
G. S 18° 57' E	208.6'
H. N 56° 18' W	1544.4'

Unit Line & Property Line

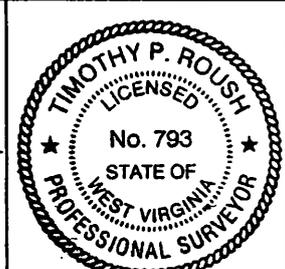
WELL TIES	
① S55° 22'E	2256'
② S27° 04'E	2416'

(H) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. _____
 MAP NO. _____ N _____ S _____ E _____ W _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY Sub-Meter DGPS
 PROVEN SOURCE OF ELEVATION DGPS Survey

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 REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.

(SIGNED) *[Signature]*
 TIMOTHY P. ROUSH PS 793



WEST VIRGINIA
 Division of Environmental Protection
 Office of Oil and Gas
 601 57th Street
 Charleston, West Virginia 25304



DATE August 16, 2011
 FARM M.A. Eddy 0-7
 API WELL NO. 47 - 095 - 01621 SR

WELL TYPE: OIL ___ GAS ___ LIQUID INJECTION X WASTE DISPOSAL ___ CORE ___
 (IF "GAS") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW ___
 LOCATION: ELEVATION 1,148' WATERSHED Indian Creek
 DISTRICT McElroy COUNTY Tyler
 QUADRANGLE Centerpoint 7.5'

SURFACE OWNER Stephen M. Jasko ACREAGE 76.74 Ac.
 OIL & GAS ROYALTY OWNER HG Energy, LLC et al. LEASE ACREAGE 12.5 Ac.
 LEASE NO. 57201-00

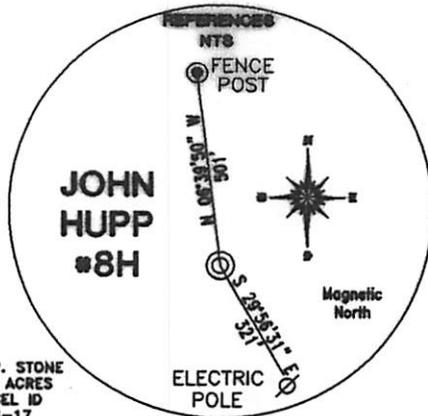
PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION Gordon ESTIMATED DEPTH 3,148'

WELL OPERATOR HG Energy, LLC DESIGNATED AGENT Mike Kirsch
 ADDRESS P. O. Box 5519 ADDRESS P. O. Box 5519
 Vienna, W.Va. 26105 Vienna, W.Va. 26105

CANCELLED

TOP HOLE (NAD 83) N) 612404.3 E) 1669860.4 LAT.) 40°10'35.2" LONG.) 80°34'07.5" DEC. LAT.) 40.176442 DEC. LONG.) 80.568744	BOTTOM HOLE (NAD 83) N) 606988.2 E) 1672502.0 LAT.) 40°09'42.0" LONG.) 80°33'32.6" DEC. LAT.) 40.161661 DEC. LONG.) 80.559063
TOP HOLE (NAD 27) N) 612367.2 E) 1701294.9 LAT.) 40°10'35.0" LONG.) 80°34'08.2" DEC. LAT.) 40.176370 DEC. LONG.) 80.568950	BOTTOM HOLE (NAD 27) N) 606951.2 E) 1703936.4 LAT.) 40°09'41.7" LONG.) 80°33'33.4" DEC. LAT.) 40.161589 DEC. LONG.) 80.559269



65/3316
65/3317
65/33
1-264309-001
1-264309-003

JOHN W. AND JOSEPH T. HUPP AND LINDA H. DOUBLE
184 ACRES
DEED BOOK AND PAGE 279-279
PARCEL ID B48-16

LAWRENCE AND JUDITH PYLE
110.49 ACRES
PARCEL ID B48-18

MARC P. STONE
38.81 ACRES
PARCEL ID B48-17

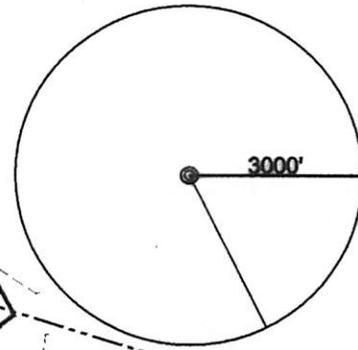
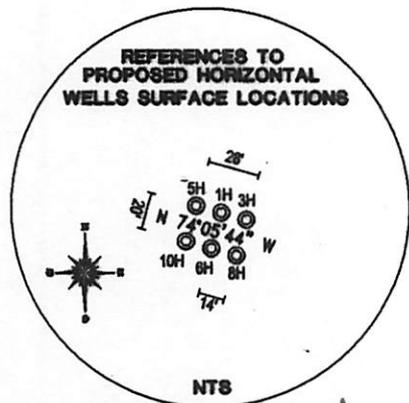
MARION P. STONE
150 ACRES
PARCEL ID B48-19

SCOTT AND MARK SONDA
182.97 ACRES
PARCEL ID L2-2

SCOTT AND MARK SONDA
155 ACRES
PARCEL ID L2-1

BLAIRD KLOSS
112.403 ACRES
PARCEL ID L2-4

WINDSOR COAL COMPANY
25.12 ACRES
PARCEL ID L2-8.3



REFERENCE NOTES
Boundaries as shown taken from deeds, tax maps and field locations. A full boundary survey is not expressed nor implied. All bearings are based on true north. Ownership taken from public records Brooke County, West Virginia NOVEMBER 2010 State Plane Coordinates & NAD 27 Lat/Long by differential submeter mapping grade GPS Drafted by: E.A.M.

FILE #: CHE 026
DRAWING #: 1497
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY: 1/200
PROVEN SOURCE OF ELEVATION: SUBMETER MAPPING GRADE GPS

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 REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.
Signed:
L.L.S. #2124 : Ernest J. Benchek III



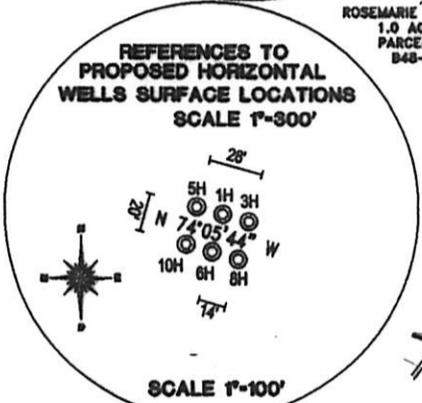
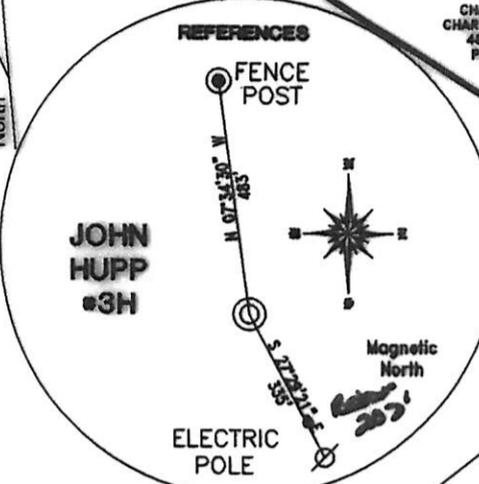
(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP
OFFICE OF OIL & GAS
601 57TH STREET
CHARLESTON, WV 25304
Well Type: Oil Waste Diposal Production Deep
 Gas Liquid Injection Storage Shallow
WATERSHED: UPPER OHIO SOUTH
COUNTY/DISTRICT: BROOKE / BUFFALO
SURFACE OWNER: JOHN W. AND JOSEPH T. HUPP AND LINDA H. DOUBLE
OIL & GAS ROYALTY OWNER: JOHN W. AND JOSEPH T. HUPP AND LINDA H. DOUBLE
LEASE NUMBERS:

DATE: NOVEMBER 15, 2010
OPERATOR'S WELL #: John Hupp NO. 8H
API WELL #: 47 09 00087H
STATE COUNTY PERMIT
CANCELLED

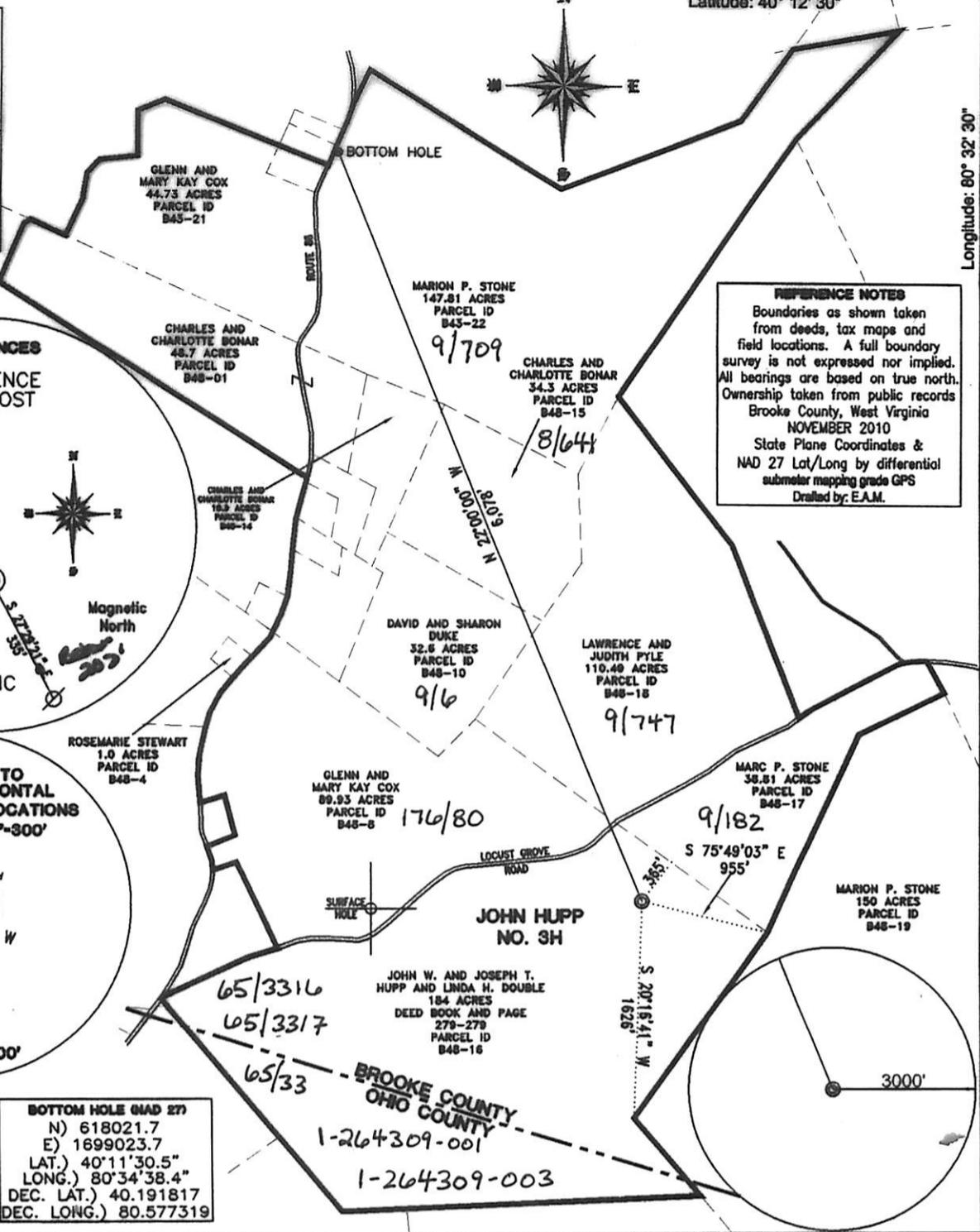
DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
PLUG OFF FORMATION PERFORATE NEW FORMATION PLUG & ABANDON
CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY):
TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 6250'
WELL OPERATOR: CHESAPEAKE APPALACHIA, LLC. DESIGNATED AGENT: ERIC GILLESPIE
ADDRESS: PO BOX 18496 ADDRESS: PO BOX 6070
CITY: OKLAHOMA CITY STATE: OK ZIP CODE: 73154-0496 CITY: CHARLESTON STATE: WV ZIP CODE: 25301

TOP HOLE (NAD 83)
 N) 612423.6
 E) 1669865.9
 LAT.) 40°10'35.4"
 LONG.) 80°34'07.4"
 DEC. LAT.) 40.176495
 DEC. LONG.) 80.568726

TOP HOLE (NAD 27)
 N) 612386.5
 E) 1701300.4
 LAT.) 40°10'35.1"
 LONG.) 80°34'08.2"
 DEC. LAT.) 40.176423
 DEC. LONG.) 80.568931



BOTTOM HOLE (NAD 83) N) 618058.8 E) 1667589.1 LAT.) 40°11'30.8" LONG.) 80°34'37.6" DEC. LAT.) 40.191888 DEC. LONG.) 80.577114	BOTTOM HOLE (NAD 27) N) 618021.7 E) 1699023.7 LAT.) 40°11'30.5" LONG.) 80°34'38.4" DEC. LAT.) 40.191817 DEC. LONG.) 80.577319
--	--



FILE #: CHE 026
 DRAWING #: 1494
 SCALE: 1" = 1200'
 MINIMUM DEGREE OF ACCURACY: 1/200
 PROVEN SOURCE OF ELEVATION: SUBMETER MAPPING GRADE GPS

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 REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

Signed:

L.L.S. #2124 : Ernest J. Benchek III



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

OFFICE OF OIL & GAS
 601 57TH STREET
 CHARLESTON, WV 25304

Well Type: Oil Waste Diposal Production Deep
 Gas Liquid Injection Storage Shallow

WATERSHED: UPPER OHIO SOUTH ELEVATION: 1,270'

COUNTY/DISTRICT: BROOKE / BUFFALO QUADRANGLE: BETHANY, WV.

SURFACE OWNER: JOHN W. AND JOSEPH T. HUPP AND LINDA H. DOUBLE ACREAGE: 184 +/-

OIL & GAS ROYALTY OWNER: JOHN W. AND JOSEPH T. HUPP AND LINDA H. DOUBLE ACREAGE: 610.03 +/-

LEASE NUMBERS:

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PLUG OFF FORMATION PERFORATE NEW FORMATION PLUG & ABANDON
 CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY):

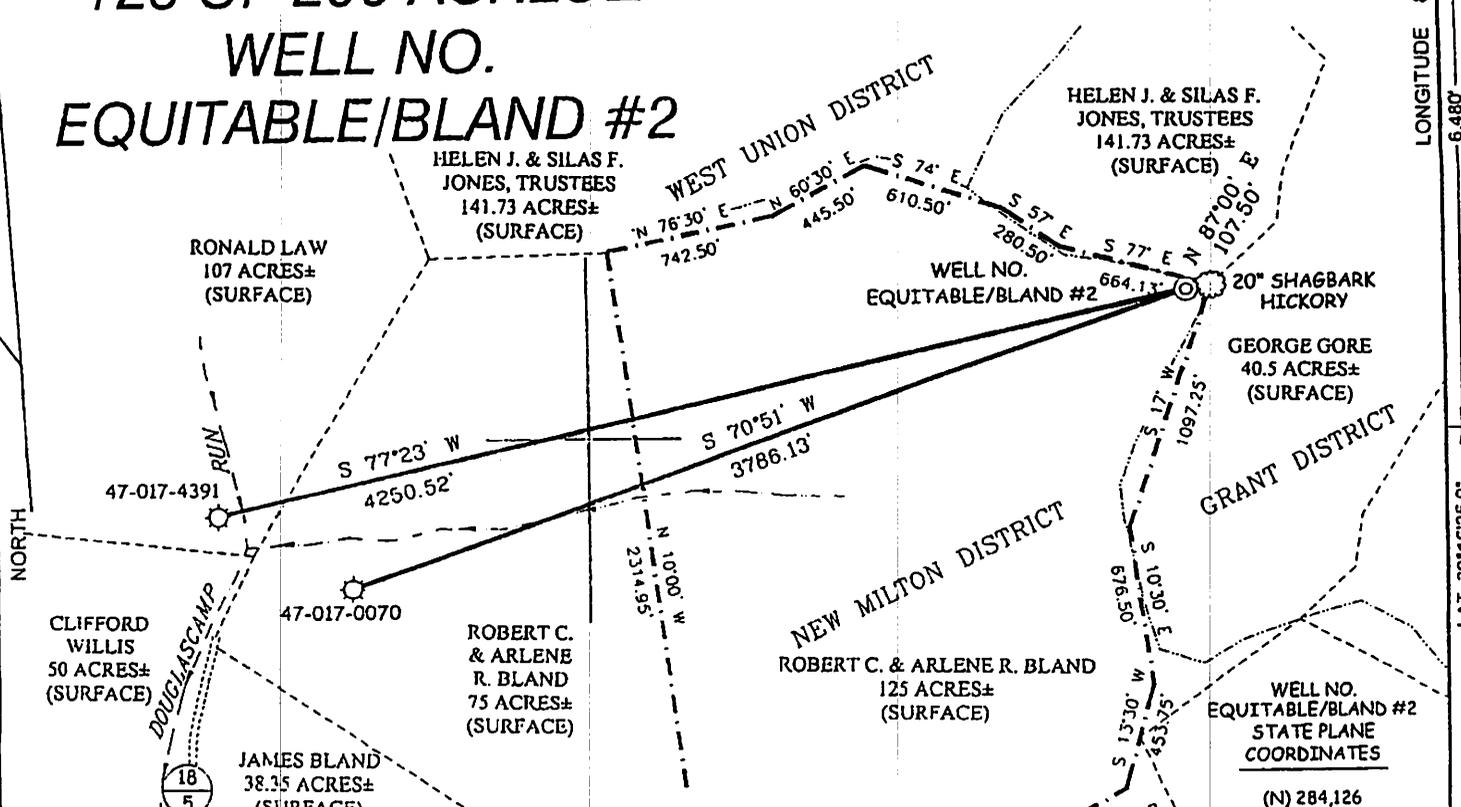
TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 6250'

WELL OPERATOR: CHESAPEAKE APPALACHIA, LLC. DESIGNATED AGENT: ERIC GILLESPIE
 ADDRESS: PO BOX 18496 ADDRESS: PO BOX 6070
 CITY: OKLAHOMA CITY STATE: OK ZIP CODE: 73154-0496 CITY: CHARLESTON STATE: WV ZIP CODE: 25301

DATE: NOVEMBER 09, 2010
 OPERATOR'S WELL #: John Hupp NO. 3H
 API WELL #: 47 09 000864
 STATE COUNTY PERMIT
CANCELLED

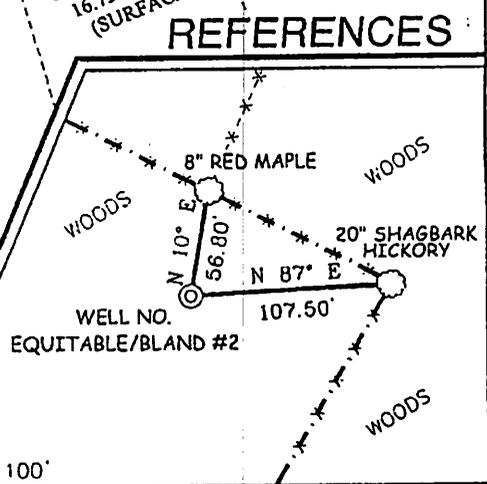
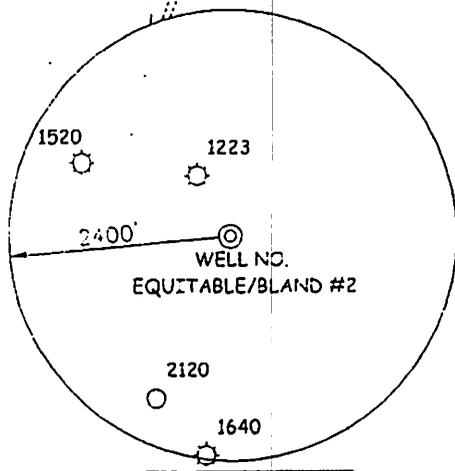
EQUITABLE/BLAND LEASE 125 OF 200 ACRES± WELL NO. EQUITABLE/BLAND #2

LONGITUDE 80°40'00"
LAT. 39°16'25.9"



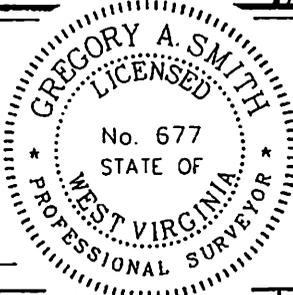
NOTES ON SURVEY

1. TIES TO WELLS AND CORNERS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM NORTH ZONE NAD '27.
2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 03/25/05.
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 236 PAGE 18.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF DODDRIDGE COUNTY IN MARCH, 2005.
5. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).



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 REGULATIONS ISSUED AND PRESCRIBED BY THE DIVISION OF ENVIRONMENTAL PROTECTION.

P.S. 677 *Gregory A. Smith*



(*) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE APRIL 14, 20 05
 OPERATORS WELL NO. EQUITABLE/BLAND #2
 API WELL NO. 47-017-05063
 STATE COUNTY PERMIT
CANCELLED

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 5719P2 (180-75)
 PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE) SCALE 1" = 800'

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

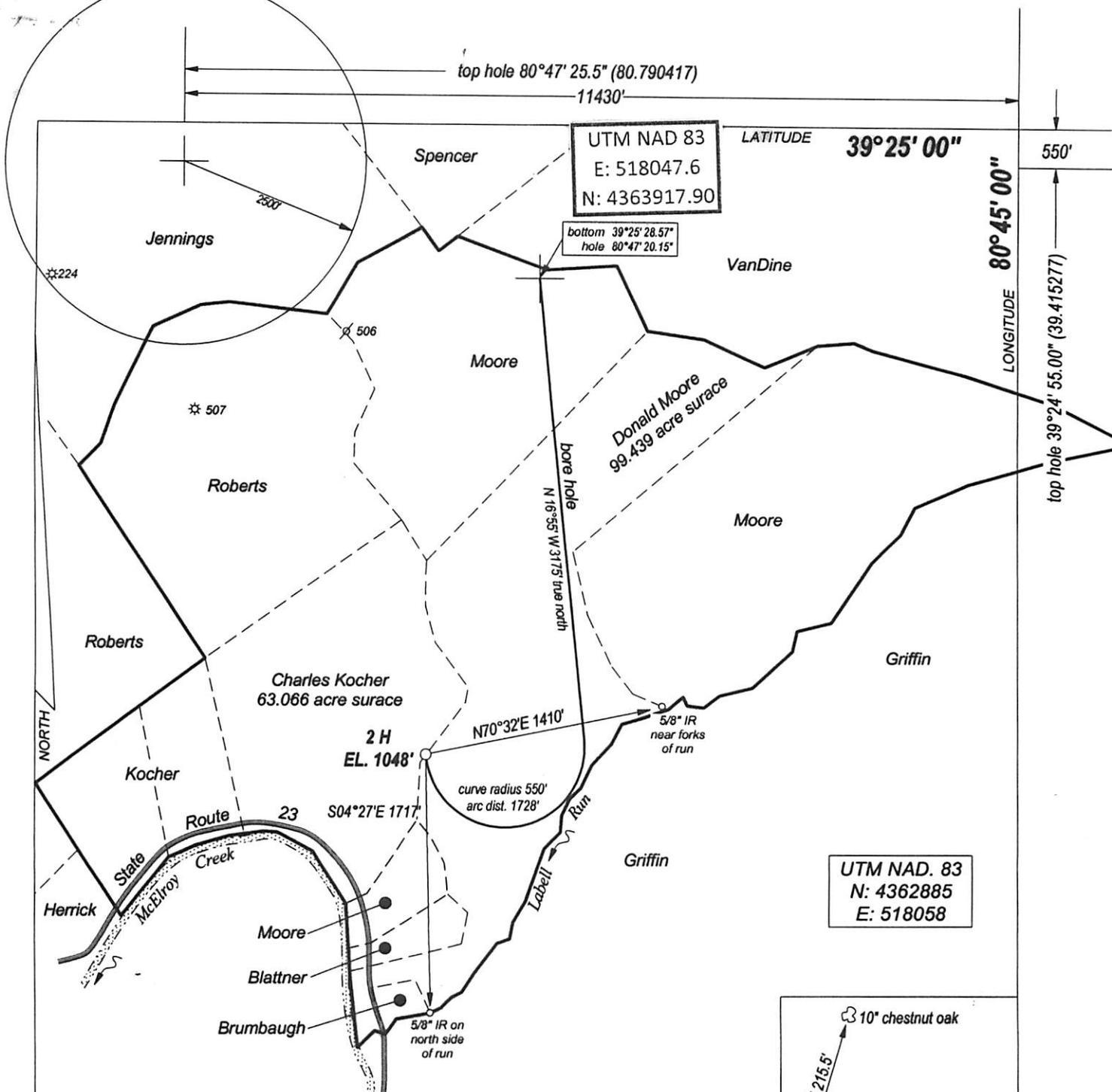
LOCATION: ELEVATION 1,303' WATERSHED DOUGLASCAMP RUN
 DISTRICT NEW MILTON COUNTY DODDRIDGE QUADRANGLE SMITHBURG 7.5'

SURFACE OWNER ROBERT C. & ARLENE R. BLAND ACREAGE 125±
 ROYALTY OWNER ROBERT C. BLAND LEASE ACREAGE 125 OF 200±

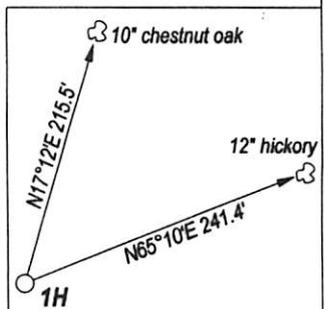
PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD
 FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER
 PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION Riley, Benson, Alexander
 ESTIMATED DEPTH 556.3

WELL OPERATOR EASTERN AMERICAN ENERGY CORP. DESIGNATED AGENT JOHN M. PALETTI
 ADDRESS BOX 820 ADDRESS BOX 820
GLENVILLE, WV 26351 GLENVILLE, WV 26351

COUNTY NAME Doddridge
PERMIT 5063



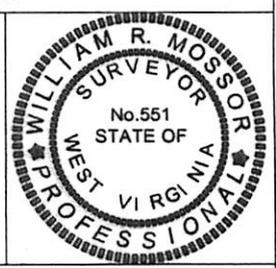
**BAGLEY, WOODBURN,
& SPENCER
502 ACRE LEASE**



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 : 200
 PROVEN SOURCE OF ELEVATION GPS OBSERVATION

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 REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENERGY.

(SIGNATURE) *[Signature]*
 PROFESSIONAL SURVEYOR: 551



**STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
DIVISION OF OIL AND GAS**

DATE MAY 7TH, 2012
 OPERATORS WELL NO. JACKMAN 2H

API 47 - 095 - 0205246A
 STATE COUNTY PERMIT

CANCELLED

WELL TYPE: OIL GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF GAS) PRODUCTION STORAGE ___ DEEP ___ SHALLOW

LOCATION: ELEVATION 1048' WATER SHED MC ELROY CREEK & LABELL RUN
 DISTRICT MC ELROY COUNTY TYLER QUADRANGLE SHIRLEY

SURFACE OWNER CHARLES KOCHER & DONALD MOORE ACREAGE 63.066 & 99.439
 OIL & GAS ROYALTY LOREN BAGLEY, WILLIAM WOODBURN, & KARLA SPENCER LEASE AC 502

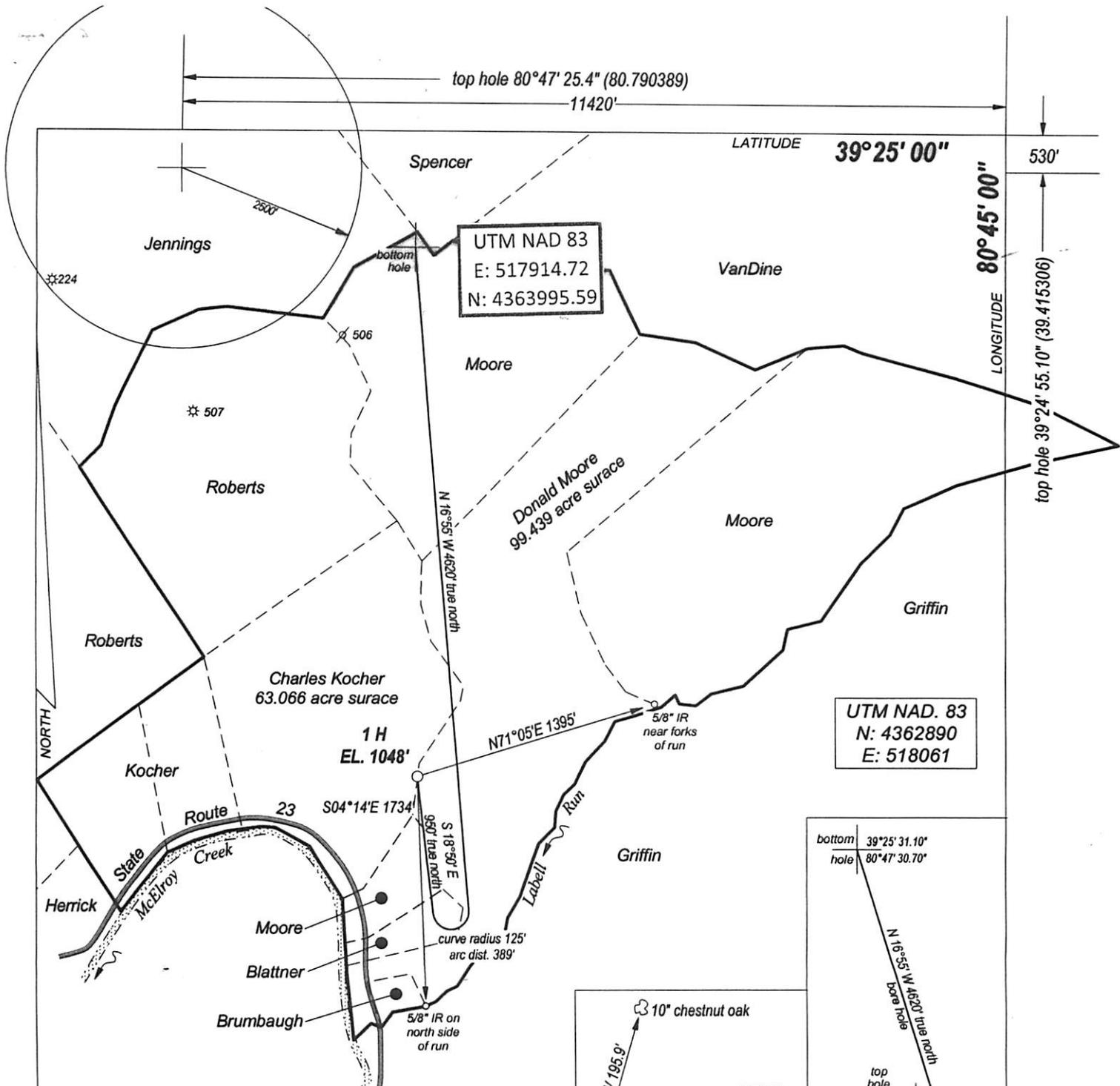
PROPOSED WORK: DRILL CONVERT ___ DRILL DEEPER ___ REDRILL ___
 FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___
 PERFORATE NEW FORMATION ___
 OTHER PHYSICAL CHANGE IN WELL ___
 PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___

TARGET FORMATION MARCELLUS SHALE ESTIMATED DEPTH 7200'

WELL OPERATOR TRANS ENERGY, INC. DESIGNATED AGENT LOREN BAGLEY
 ADDRESS P. O. BOX 393 ADDRESS P. O. BOX 393
ST. MARYS, WV 26170 ST. MARYS, WV 26170

FORM WW - 6

COUNTY NAME
 PERMIT



**BAGLEY, WOODBURN,
& SPENCER
502 ACRE LEASE**

FILE NO. _____
DRAWING NO. _____
SCALE 1" = 1000'
MINIMUM DEGREE
OF ACCURACY 1:200
PROVEN SOURCE
OF ELEVATION GPS
OBSERVATION

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 REGULATIONS ISSUED
AND PRESCRIBED BY THE DEPARTMENT OF ENERGY.

[Signature]
(SIGNED) _____
PROFESSIONAL SURVEYOR: 551



**STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
DIVISION OF OIL AND GAS**

DATE APRIL 12TH, 2012
OPERATORS WELL NO. JACKMAN 1H

API 47 - 095 - 02058 H6A
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
(IF GAS) PRODUCTION STORAGE _____ DEEP _____ SHALLOW

CANCELLED

LOATION: ELEVATION 1048' WATER SHED MC ELROY CREEK & LABELL RUN
DISTRICT MC ELROY COUNTY TYLER QUADRANGLE SHIRLEY

SURFACE OWNER CHARLES KOCHER & DONALD MOORE ACREAGE 63.066 & 99.439
OIL & GAS ROYALTY LOREN BAGLEY, WILLIAM WOODBURN, & KARLA SPENCER LEASE AC 502

PROPOSED WORK: DRILL CONVERT _____ DRILL DEEPER _____ REDRILL _____
FRACTURE OR STIMULATE _____ PLUG OFF OLD FORMATION _____
PERFORATE NEW FORMATION _____
OTHER PHYSICAL CHANGE IN WELL _____
PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____

TARGET FORMATION MARCELLUS SHALE ESTIMATED DEPTH 7200'

WELL OPERATOR TRANS ENERGY, INC. DESIGNATED AGENT LOREN BAGLEY
ADDRESS P. O. BOX 393 ADDRESS P. O. BOX 393
ST. MARYS, WV 26170 ST. MARYS, WV 26170

FORM WW - 6

COUNTY NAME
PREMIT

bottom hole 80°51' 16.70" (80. 854639)

6000'

top hole 80°50' 57.85" (80.849402)

4580'

UTM NAD 83
N: 4363178
E: 512512

LATITUDE **39°27' 30"**

UTM NAD 83
N: 4364651
E: 512979

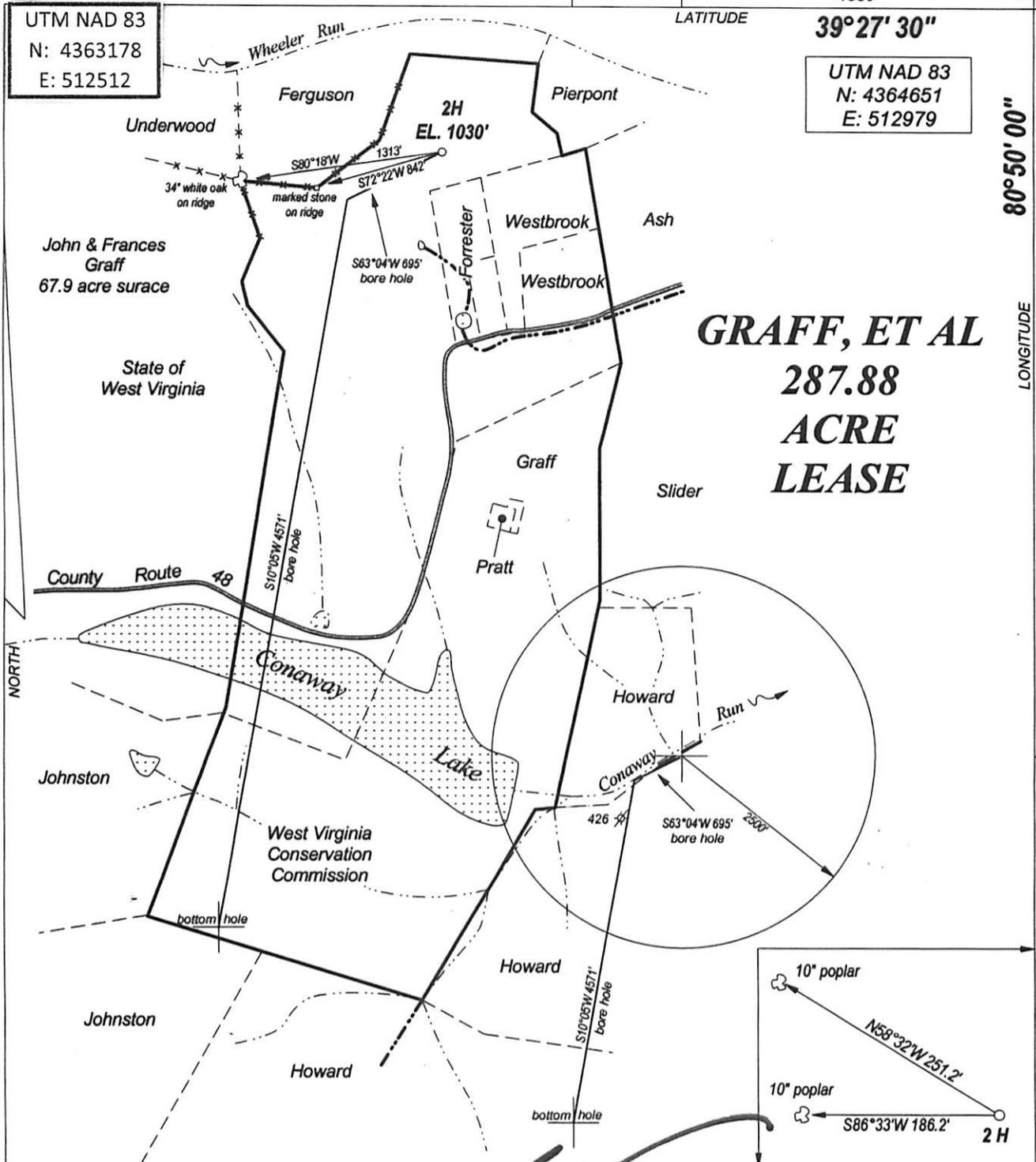
80°50' 00"

LONGITUDE
9835'

14650'

top hole 39°25' 52.57" (39.431271)

bottom hole 39°25' 04.95" (39.418042)



GRAFF, ET AL
287.88
ACRE
LEASE

FILE NO. _____
DRAWING NO. _____
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY 1 : 200
PROVEN SOURCE OF ELEVATION GPS OBSERVATION

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 REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENERGY

(SIGNED) _____

PROFESSIONAL SURVEYOR: 551



STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
DIVISION OF OIL AND GAS

DATE APRIL 9TH, 2012
OPERATORS WELL NO. GRAFF 2H

API 47 - 095 - 0206346A

STATE COUNTY PERMIT

CANCELLED

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
(IF GAS) PRODUCTION STORAGE _____ DEEP SHALLOW

LOATION: ELEVATION 1030' WATER SHED CONAWAY RUN
DISTRICT CENTERVILLE COUNTY TYLER QUADRANGLE SHIRLEY

SURFACE OWNER JOHN H. GRAFF & FRANCES J. GRAFF ACREAGE 67.9
OIL & GAS ROYALTY GRAFF, ET AL LEASE AC. 287.88

PROPOSED WORK: DRILL CONVERT _____ DRILL DEEPER _____ REDRILL _____
FRACTURE OR STIMULATE _____ PLUG OFF OLD FORMATION _____
PERFORATE NEW FORMATION _____
OTHER PHYSICAL CHANGE IN WELL _____
PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____

TARGET FORMATION MARCELLUS SHALE ESTIMATED DEPTH 7200'

WELL OPERATOR TRANS ENERGY, INC. DESIGNATED AGENT LOREN BAGLEY
ADDRESS P. O. BOX 393 ADDRESS P. O. BOX 393
ST. MARYS, WV 26170 ST. MARYS, WV 26170

FORM WW - 6

COUNTY NAME

PERMIT



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street SE
Charleston, WV 25304
(304) 926-0450
(304) 926-0452 fax

Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary
www.dep.wv.gov

March 24, 2014

FINAL INSPECTION REPORT

Horizontal Well Permit Cancelled

CHESAPEAKE APPALACHIA, L.L.C.,

The FINAL INSPECTION REPORT for the CANCELLED permit, API Well Number: 47-6900097, issued to CHESAPEAKE APPALACHIA, L.L.C., and listed below has been received in this office. The permit has been cancelled as of 3/14/2014.

James Martin
Chief

Operator: CHESAPEAKE APPALACHIA, L.L.C.
Operator's Well No: S.E.W. TRUST OHI 3H
Farm Name: WOLOSHAN, SHANE - TRUSTEE
API Well Number: 47-6900097
Date Issued: 10/20/2011

Date Cancelled: 03/14/2014

Promoting a healthy environment.

INSPECTORS PERMIT SUMMARY FORM

GPS YES [] NO []

DATE STARTED/LOCATION: _____ OPERATOR: CHESAPEAKE APPALACHIA, L.L.C.
 DRILLING COMMENCED: _____ FARM: WOLOSHAN, SHANE - TRUSTEE
 TO DATE: _____ DEPTHS: _____ Well No: S.E.W. TRUST OHI 3H
 WATER DEPTHS: _____ COAL DEPTHS _____

QUESTIONS FOR THIS REPORT ARE IN ACCORDANCE OF WV CODE 22-6-30 AND REGULATIONS 35CSR 4-12.1 AND 35CSR 4-16 AND THE GENERAL WATER POLLUTION CONTROL PERMIT.

POINTS ARE TO BE GIVEN UP TO MAXIMUM AS SHOWN BASED ON PERFORMANCE.

1. DID OPERATOR GIVE PROPER NOTICE TO INSPECTOR BEFORE THE FOLLOWING:
 A. CONSTRUCTION YES [] NO [] (2_PTS) (4_PTS) ____
 B. DRILLING YES [] NO [] (2_PTS)

2. WAS THE TIMBER CUT, STACKED, AND BRUSH USED FOR SEDIMENT BARRIERS BEFORE DIRT WORK STARTED?
 YES [] NO [] (2_PTS) (4_PTS) ____

3. ARE ALL LOCATION AND/OR ROAD BANKS BEING SLOPED?
 YES [] NO [] (4_PTS) (4_PTS) ____

4. CONSTRUCTIONS:
 WERE THE FOLLOWING SEDIMENT CONTROL STRUCTURES PROPERLY INSTALLED/MAINTAINED?
 A. ROAD DITCHES (1)_ (2)_ (3)_ (4)_ (PTS) B. CROSS DRAINS (1)_ (2)_ (3)_ (4)_ (5)_ (PTS)
 C. CULVERTS (1)_ (2)_ (3)_ (4)_ (5)_ (PTS) D. CREEK CROSSINGS (1)_ (2)_ (3)_ (PTS)
 E. DIVERSION DITCHES (1)_ (2)_ (3)_ (PTS) F. BARRIERS (1)_ (2)_ (3)_ (PTS)
 G. TEMPORARY SEEDING YES [] NO [] (10_PTS)

POINTS AVAILABLE FOR QUESTION 4: (33_PTS) ____

5. HAS TOP SOIL (IF ANY) BEEN STOCKED PILED? YES [] NO [] (2_PTS) (2_PTS) ____

6. IS THE PIT PROPERLY INSTALLED AND MAINTAINED?
 YES [] NO [] (9_PTS) (9_PTS) ____

7. RECLAMATION:
 A. ROADWAY (1)_ (2)_ (3)_ (PTS) B. LOCATION (1)_ (2)_ (3)_ (PTS)
 C. PITS (1)_ (2)_ (3)_ (PTS) D. PIPELINES (1)_ (2)_ (3)_ (PTS)
 E. TANK DIKES (1)_ (2)_ (3)_ (PTS) F. API INSTALLED YES [] NO (3_PTS)
 G. ADEQUATE SEEDING MATERIALS (1)_ (2)_ (3)_ (PTS)
 H. WAS SEED BED ADEQUATE (1)_ (2)_ (3)_ (PTS)

POINTS AVAILABLE FOR QUESTION 7: (24_PTS) ____

8. WAS RECLAMATION COMPLETED WITHIN:
 6 MTHS OF TD 6_PTS ONLY; 4 MTHS OF TD 12_PTS ONLY; 2 MTHS OF TD 19_PTS ONLY;

POINTS AVAILABLE FOR QUESTION 8: (19_PTS) ____

TOTAL MAXIMUM POSSIBLE SCORE OF 99.

TOTAL RECLAMATION SCORE: _____

3/14/2014
DATE RELEASED

[Signature]
INSPECTOR'S SIGNATURE

Cancelled

RECORD INSPECTIONS TO THIS WELL ON PAGE 2

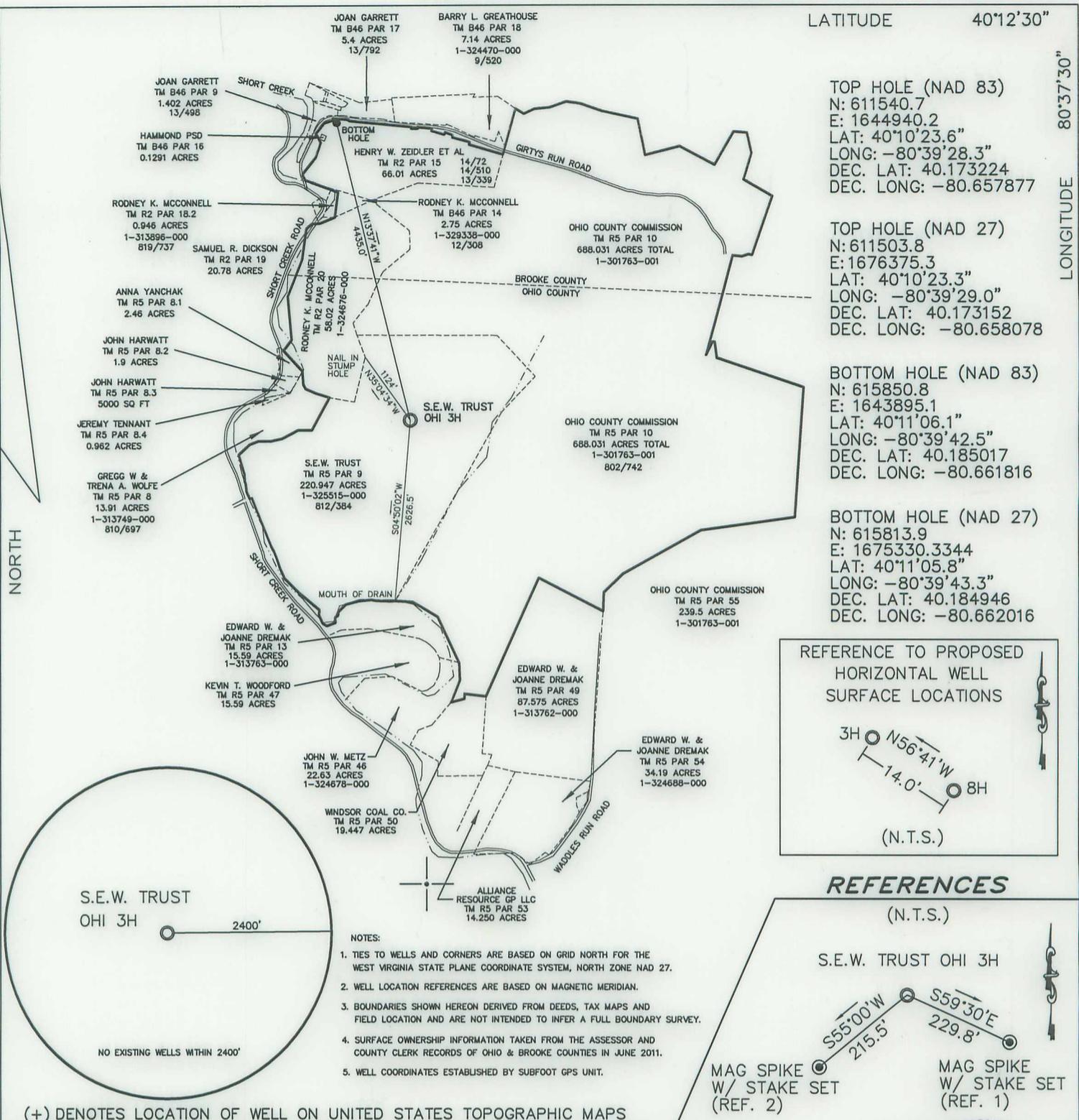
9,404'

LATITUDE 40°12'30"

LONGITUDE 80°37'30"

12,698'

NORTH

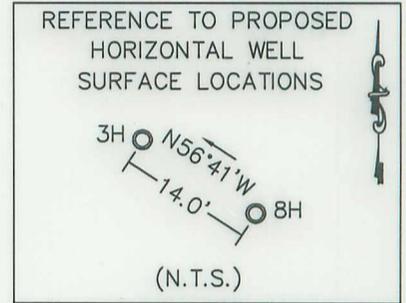


TOP HOLE (NAD 83)
 N: 611540.7
 E: 1644940.2
 LAT: 40°10'23.6"
 LONG: -80°39'28.3"
 DEC. LAT: 40.173224
 DEC. LONG: -80.657877

TOP HOLE (NAD 27)
 N: 611503.8
 E: 1676375.3
 LAT: 40°10'23.3"
 LONG: -80°39'29.0"
 DEC. LAT: 40.173152
 DEC. LONG: -80.658078

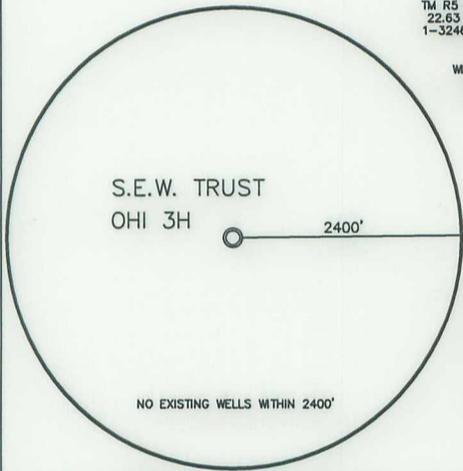
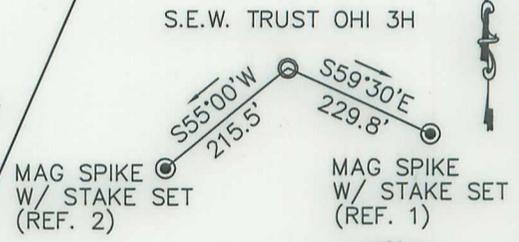
BOTTOM HOLE (NAD 83)
 N: 615850.8
 E: 1643895.1
 LAT: 40°11'06.1"
 LONG: -80°39'42.5"
 DEC. LAT: 40.185017
 DEC. LONG: -80.661816

BOTTOM HOLE (NAD 27)
 N: 615813.9
 E: 1675330.3344
 LAT: 40°11'05.8"
 LONG: -80°39'43.3"
 DEC. LAT: 40.184946
 DEC. LONG: -80.662016



REFERENCES

(N.T.S.)



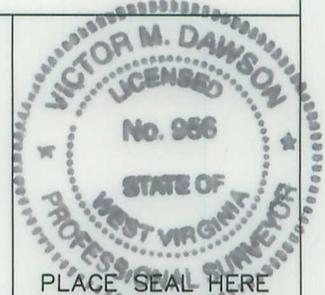
NOTES:

1. TIES TO WELLS AND CORNERS ARE BASED ON GRID NORTH FOR THE WEST VIRGINIA STATE PLANE COORDINATE SYSTEM, NORTH ZONE NAD 27.
2. WELL LOCATION REFERENCES ARE BASED ON MAGNETIC MERIDIAN.
3. BOUNDARIES SHOWN HEREON DERIVED FROM DEEDS, TAX MAPS AND FIELD LOCATION AND ARE NOT INTENDED TO INFER A FULL BOUNDARY SURVEY.
4. SURFACE OWNERSHIP INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF OHIO & BROOKE COUNTIES IN JUNE 2011.
5. WELL COORDINATES ESTABLISHED BY SUBFOOT GPS UNIT.

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

FILE NO. 11-0167-762
 DRAWING NO. 3H
 SCALE 1" = 2000'
 MINIMUM DEGREE OF ACCURACY 1 IN 2500
 PROVEN SOURCE OF ELEVATION GPS
SUBFOOT 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 REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.
 (SIGNED) Victor M. Dawson
 R.P.E. _____ P.S. 956



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

DATE JUNE 29, 2011
 OPERATOR'S WELL NO. S.E.W. TRUST OHI 3H
 API WELL NO. 47-069-00097 H

WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW X

LOCATION: ELEVATION 1137.5' WATERSHED SHORT CREEK
 DISTRICT RICHLAND COUNTY OHIO
 QUADRANGLE TILTONSVILLE

SURFACE OWNER S.E.W. TRUST ACREAGE 220.947 +/-
 OIL & GAS ROYALTY OWNER S.E.W. TRUST, ET AL LEASE ACREAGE 1035.9 +/-
 LEASE NO. _____

PROPOSED WORK: DRILL X CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON CLEAN OUT AND REPLUG
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH TVD: 5,790' TMD: 10,020'
 WELL OPERATOR CHESAPEAKE APPALACHIA, LLC DESIGNATED AGENT ERIC GILLESPIE
 ADDRESS PO BOX 18496, OKLAHOMA CITY, OK 73154-0496 ADDRESS PO BOX 6070, CHARLESTON, WV 25301

CANCELLED

COUNTY NAME PERMIT



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street SE
Charleston, WV 25304
(304) 926-0450
(304) 926-0452 fax

Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary
www.dep.wv.gov

March 24, 2014

FINAL INSPECTION REPORT

Horizontal Well Permit Cancelled

CHESAPEAKE APPALACHIA, L.L.C.,

The FINAL INSPECTION REPORT for the CANCELLED permit, API Well Number: 47-6900098, issued to CHESAPEAKE APPALACHIA, L.L.C., and listed below has been received in this office. The permit has been cancelled as of 3/14/2014.

James Martin
Chief

Operator: CHESAPEAKE APPALACHIA, L.L.C.
Operator's Well No: S.E.W. TRUST OHI 8H
Farm Name: WOLOSHAN, SHANE - TRUSTEE
API Well Number: 47-6900098
Date Issued: 10/20/2011

Date Cancelled: 03/14/2014

Promoting a healthy environment.

INSPECTORS PERMIT SUMMARY FORM

GPS YES [] NO []

DATE STARTED/LOCATION: _____ OPERATOR: CHESAPEAKE APPALACHIA, L.L.C.
 DRILLING COMMENCED: _____ FARM: WOLOSHAN, SHANE - TRUSTEE
 TO DATE: _____ DEPTHS: _____ Well No: S.E.W. TRUST OHI 8H
 WATER DEPTHS: _____ COAL DEPTHS _____

QUESTIONS FOR THIS REPORT ARE IN ACCORDANCE OF WV CODE 22-6-30 AND REGULATIONS 35CSR 4-12.1 AND 35CSR 4-16 AND THE GENERAL WATER POLLUTION CONTROL PERMIT.

POINTS ARE TO BE GIVEN UP TO MAXIMUM AS SHOWN BASED ON PERFORMANCE.

1. DID OPERATOR GIVE PROPER NOTICE TO INSPECTOR BEFORE THE FOLLOWING:
 - A. CONSTRUCTION YES [] NO [] (2_PTS) (4_PTS) _____
 - B. DRILLING YES [] NO [] (2_PTS)
2. WAS THE TIMBER CUT, STACKED, AND BRUSH USED FOR SEDIMENT BARRIERS BEFORE DIRT WORK STARTED?

YES [] NO [] (2_PTS) (4_PTS) _____
3. ARE ALL LOCATION AND/OR ROAD BANKS BEING SLOPED?

YES [] NO [] (4_PTS) (4_PTS) _____
4. CONSTRUCTIONS:
 WERE THE FOLLOWING SEDIMENT CONTROL STRUCTURES PROPERLY INSTALLED/MAINTAINED?
 - A. ROAD DITCHES (1)_ (2)_ (3)_ (4)_ (PTS)
 - B. CROSS DRAINS (1)_ (2)_ (3)_ (4)_ (5)_ (PTS)
 - C. CULVERTS (1)_ (2)_ (3)_ (4)_ (5)_ (PTS)
 - D. CREEK CROSSINGS (1)_ (2)_ (3)_ (PTS)
 - E. DIVERSION DITCHES (1)_ (2)_ (3)_ (PTS)
 - F. BARRIERS (1)_ (2)_ (3)_ (PTS)
 - G. TEMPORARY SEEDING YES [] NO [] (10_PTS)

POINTS AVAILABLE FOR QUESTION 4: (33_PTS) _____

5. HAS TOP SOIL (IF ANY) BEEN STOCKED PILED? YES [] NO [] (2_PTS) (2_PTS) _____
6. IS THE PIT PROPERLY INSTALLED AND MAINTAINED?

YES [] NO [] (9_PTS) (9_PTS) _____

7. RECLAMATION:
 - A. ROADWAY (1)_ (2)_ (3)_ (PTS)
 - B. LOCATION (1)_ (2)_ (3)_ (PTS)
 - C. PITS (1)_ (2)_ (3)_ (PTS)
 - D. PIPELINES (1)_ (2)_ (3)_ (PTS)
 - E. TANK DIKES (1)_ (2)_ (3)_ (PTS)
 - F. API INSTALLED YES [] NO (3_PTS)
 - G. ADEQUATE SEEDING MATERIALS (1)_ (2)_ (3)_ (PTS)
 - H. WAS SEED BED ADEQUATE (1)_ (2)_ (3)_ (PTS)

POINTS AVAILABLE FOR QUESTION 7: (24_PTS) _____

8. WAS RECLAMATION COMPLETED WITHIN:

6 MTHS OF TD 6_PTS ONLY; 4 MTHS OF TD 12_PTS ONLY; 2 MTHS OF TD 19_PTS ONLY;

POINTS AVAILABLE FOR QUESTION 8: (19_PTS) _____

TOTAL MAXIMUM POSSIBLE SCORE OF 99.

TOTAL RECLAMATION SCORE: _____

3/14/2014
 DATE RELEASED
Cancelled

Gayna [Signature]
 INSPECTOR'S SIGNATURE

9,392'

LATITUDE 40°12'30"

LONGITUDE 80°37'30"

LONGITUDE

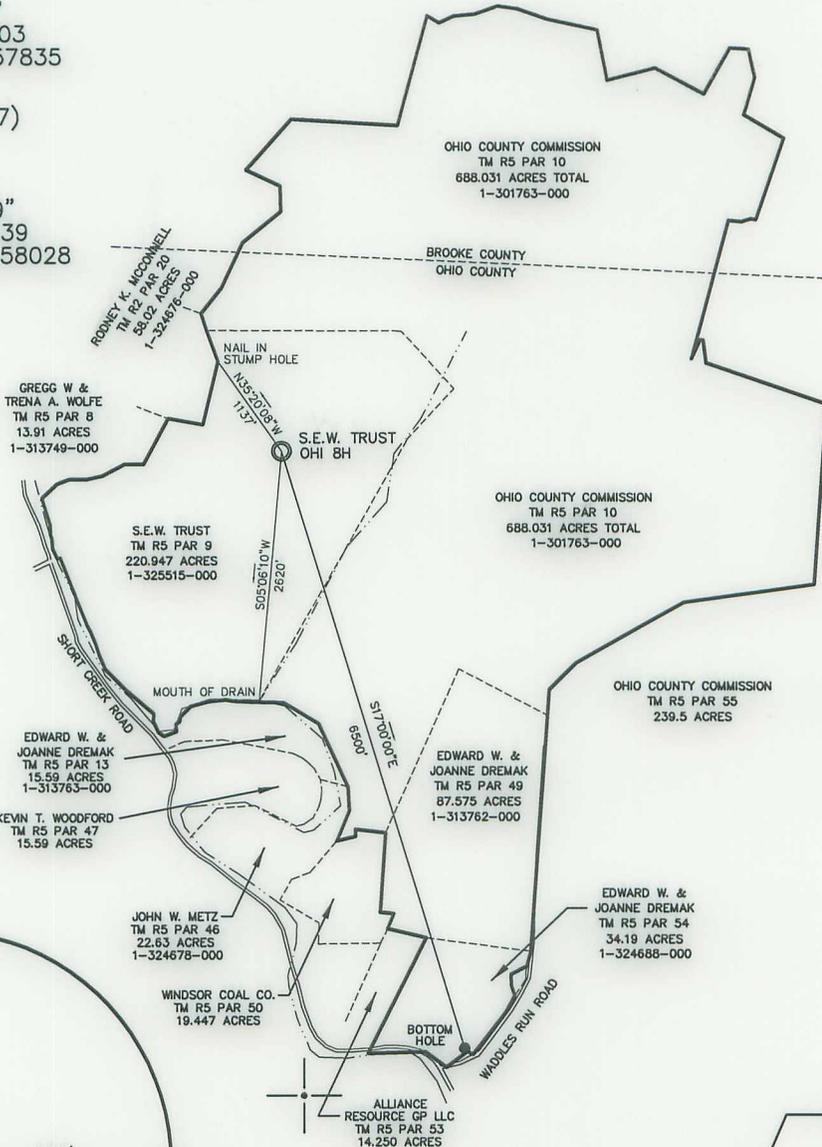
12,706'

TOP HOLE (NAD 83)
N: 611532.9
E: 1644951.8
LAT: 40°10'23.5"
LONG: -80°39'28.2"
DEC. LAT: 40.173203
DEC. LONG: -80.657835

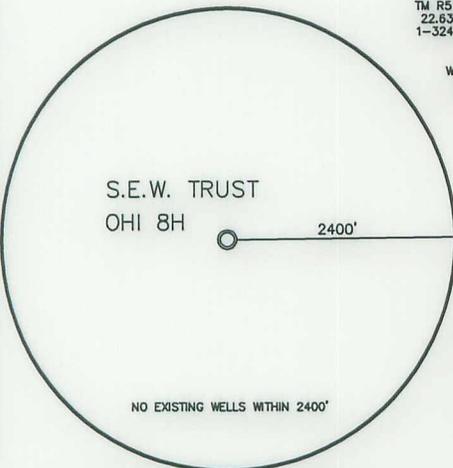
TOP HOLE (NAD 27)
N: 611496.1
E: 1676387.0
LAT: 40°10'23.3"
LONG: -80°39'28.9"
DEC. LAT: 40.173139
DEC. LONG: -80.658028

BOTTOM HOLE (NAD 83)
N: 605317.0
E: 1646852.3
LAT: 40°09'22.3"
LONG: -80°39'02.7"
DEC. LAT: 40.156208
DEC. LONG: -80.650750

BOTTOM HOLE (NAD 27)
N: 605280.1
E: 1678287.4
LAT: 40°09'22.1"
LONG: -80°39'03.4"
DEC. LAT: 40.156136
DEC. LONG: -80.650951



NORTH



NOTES:

1. TIES TO WELLS AND CORNERS ARE BASED ON GRID NORTH FOR THE WEST VIRGINIA STATE PLANE COORDINATE SYSTEM, NORTH ZONE NAD 27.
2. WELL LOCATION REFERENCES ARE BASED ON MAGNETIC MERIDIAN.
3. BOUNDARIES SHOWN HEREON DERIVED FROM DEEDS, TAX MAPS AND FIELD LOCATION AND ARE NOT INTENDED TO INFER A FULL BOUNDARY SURVEY.
4. SURFACE OWNERSHIP INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF OHIO COUNTY IN APRIL 2011.
5. WELL COORDINATES ESTABLISHED BY SUBFOOT GPS UNIT.

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

REFERENCES

(N.T.S.)

S.E.W. TRUST OHI 8H

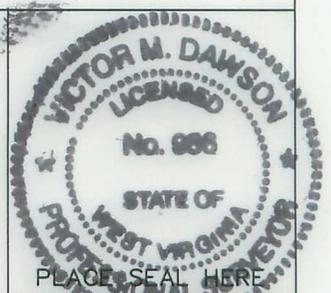
MAG SPIKE W/ STAKE SET (REF. 2)

MAG SPIKE W/ STAKE SET (REF. 1)

FILE NO. 11-0167-762
 DRAWING NO. _____
 SCALE 1" = 2000'
 MINIMUM DEGREE OF ACCURACY 1 IN 2500
 PROVEN SOURCE OF ELEVATION GPS
 SUBFOOT 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 REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

(SIGNED) Victor M. Dawson
 R.P.E. _____ P.S. 956



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



DATE MAY 23, 2011
 OPERATOR'S WELL NO. S.E.W. TRUST OHI 8H
 API WELL NO. _____

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1136' WATERSHED SHORT CREEK
 DISTRICT RICHLAND COUNTY OHIO
 QUADRANGLE TILTONSVILLE

STATE 47 COUNTY 069 PERMIT 00098H

CANCELLED

SURFACE OWNER S.E.W. TRUST ACREAGE 220.947 +/-
 OIL & GAS ROYALTY OWNER S.E.W. TRUST, ET AL LEASE ACREAGE 1030.7 +/-

PROPOSED WORK: DRILL X CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON CLEAN OUT AND REPLUG
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH _____ TVD: 5,950' TMD: 12,245'
 WELL OPERATOR CHESAPEAKE APPALACHIA, LLC DESIGNATED AGENT ERIC GILLESPIE
 ADDRESS PO BOX 18496, OKLAHOMA CITY, OK 73154-0496 ADDRESS PO BOX 6070, CHARLESTON, WV 25301

COUNTY NAME

PERMIT

FURKM WVV-0



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street SE
Charleston, WV 25304
(304) 926-0450
(304) 926-0452 fax

Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary
www.dep.wv.gov

March 24, 2014

FINAL INSPECTION REPORT

Horizontal Well Permit Cancelled

CHESAPEAKE APPALACHIA, L.L.C.,

The FINAL INSPECTION REPORT for the CANCELLED permit, API Well Number: 47-900120, issued to CHESAPEAKE APPALACHIA, L.L.C., and listed below has been received in this office. The permit has been cancelled as of 3/14/2014.

James Martin
Chief

Operator: CHESAPEAKE APPALACHIA, L.L.C.
Operator's Well No: OV ROYALTY TRST.LLC BRK 5H
Farm Name: VALENTINE, GENE CHARLES -T
API Well Number: 47-900120
Date Issued: 01/18/2012

Date Cancelled: 03/14/2014

Promoting a healthy environment.

INSPECTORS PERMIT SUMMARY FORM

GPS YES [] NO []

DATE STARTED/LOCATION: _____ OPERATOR: CHESAPEAKE APPALACHIA, L.L.C.
 DRILLING COMMENCED: _____ FARM: VALENTINE, GENE CHARLES -TRUST
 TO DATE: _____ DEPTHS: _____ Well No: OV ROYALTY TRST.LLC BRK 5H 834221
 WATER DEPTHS: _____ COAL DEPTHS _____

QUESTIONS FOR THIS REPORT ARE IN ACCORDANCE OF WV CODE 22-6-30 AND REGULATIONS 35CSR 4-12.1 AND 35CSR 4-16 AND THE GENERAL WATER POLLUTION CONTROL PERMIT.

POINTS ARE TO BE GIVEN UP TO MAXIMUM AS SHOWN BASED ON PERFORMANCE.

1. DID OPERATOR GIVE PROPER NOTICE TO INSPECTOR BEFORE THE FOLLOWING:
 A. CONSTRUCTION YES [] NO [] (2_PTS) (4_PTS) ____
 B. DRILLING YES [] NO [] (2_PTS)

2. WAS THE TIMBER CUT, STACKED, AND BRUSH USED FOR SEDIMENT BARRIERS BEFORE DIRT WORK STARTED?
 YES [] NO [] (2_PTS) (4_PTS) ____

3. ARE ALL LOCATION AND/OR ROAD BANKS BEING SLOPED?
 YES [] NO [] (4_PTS) (4_PTS) ____

4. CONSTRUCTIONS:
 WERE THE FOLLOWING SEDIMENT CONTROL STRUCTURES PROPERLY INSTALLED/MAINTAINED?
 A. ROAD DITCHES (1)_ (2)_ (3)_ (4)_ (PTS) B. CROSS DRAINS (1)_ (2)_ (3)_ (4)_ (5)_ (PTS)
 C. CULVERTS (1)_ (2)_ (3)_ (4)_ (5)_ (PTS) D. CREEK CROSSINGS (1)_ (2)_ (3)_ (PTS)
 E. DIVERSION DITCHES (1)_ (2)_ (3)_ (PTS) F. BARRIERS (1)_ (2)_ (3)_ (PTS)
 G. TEMPORARY SEEDING YES [] NO [] (10_PTS)

POINTS AVAILABLE FOR QUESTION 4: (33_PTS) ____

5. HAS TOP SOIL (IF ANY) BEEN STOCKED PILED? YES [] NO [] (2_PTS) (2_PTS) ____

6. IS THE PIT PROPERLY INSTALLED AND MAINTAINED?
 YES [] NO [] (9_PTS) (9_PTS) ____

7. RECLAMATION:
 A. ROADWAY (1)_ (2)_ (3)_ (PTS) B. LOCATION (1)_ (2)_ (3)_ (PTS)
 C. PITS (1)_ (2)_ (3)_ (PTS) D. PIPELINES (1)_ (2)_ (3)_ (PTS)
 E. TANK DIKES (1)_ (2)_ (3)_ (PTS) F. API INSTALLED YES [] NO [] (3_PTS)
 G. ADEQUATE SEEDING MATERIALS (1)_ (2)_ (3)_ (PTS)
 H. WAS SEED BED ADEQUATE (1)_ (2)_ (3)_ (PTS)

POINTS AVAILABLE FOR QUESTION 7: (24_PTS) ____

8. WAS RECLAMATION COMPLETED WITHIN:
 6 MTHS OF TD 6_PTS ONLY: 4 MTHS OF TD 12_PTS ONLY: 2 MTHS OF TD 19_PTS ONLY:

POINTS AVAILABLE FOR QUESTION 8: (19_PTS) ____

TOTAL MAXIMUM POSSIBLE SCORE OF 99.

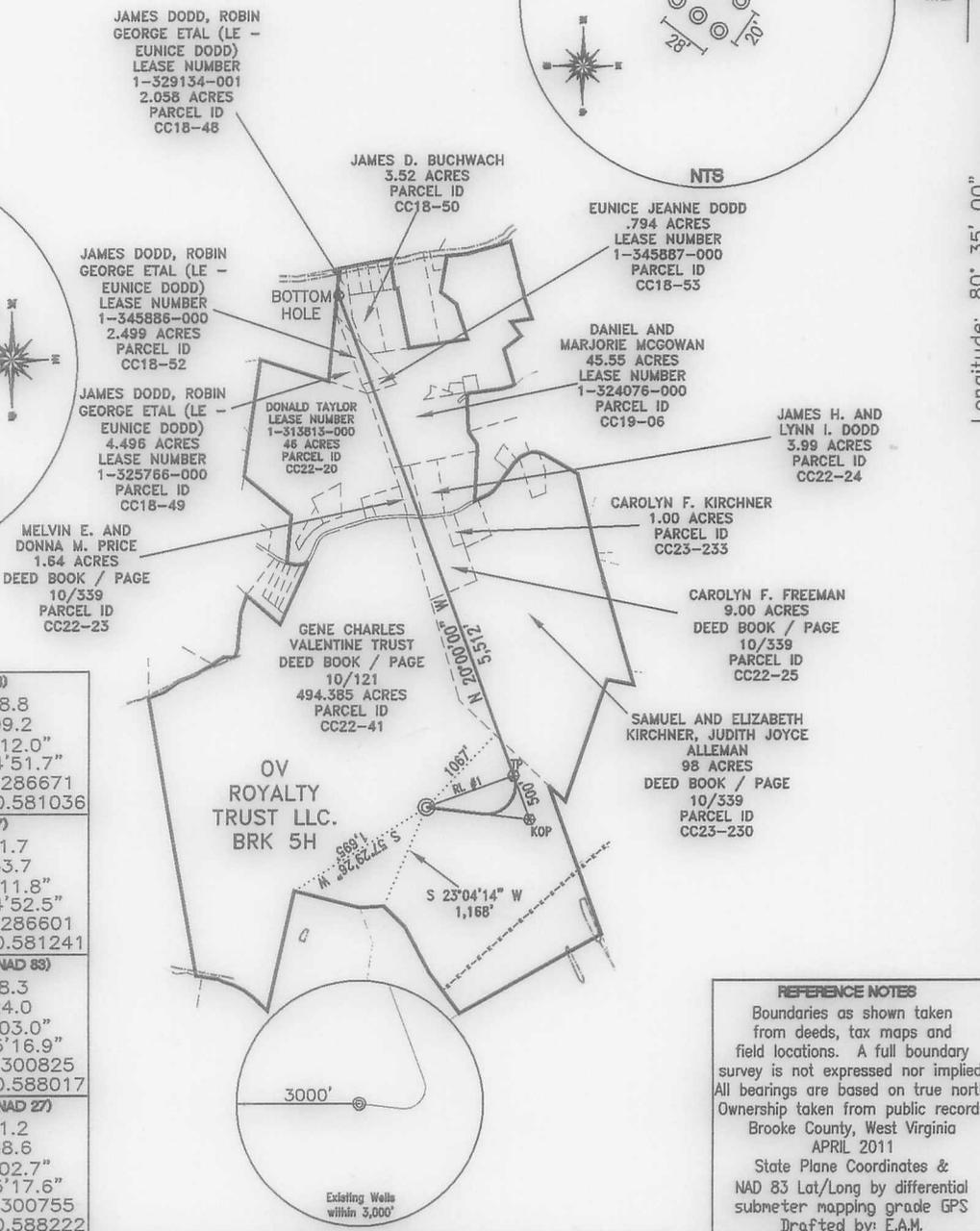
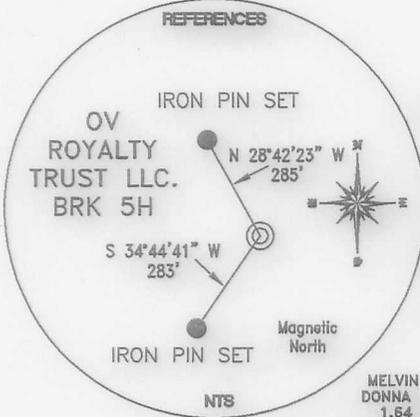
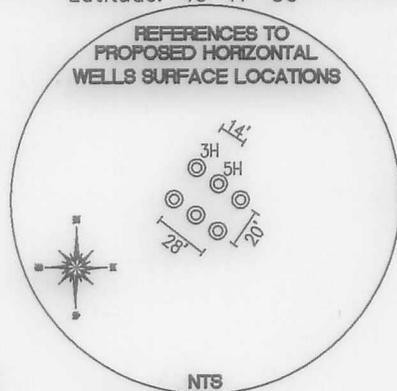
TOTAL RECLAMATION SCORE: _____

3/14/2014
DATE RELEASED

[Signature]
INSPECTOR'S SIGNATURE

REFERENCE LINES
RL #1
N 70°00'00" E 992'

TOP HOLE (UTM 83)
N) 4459551.7
E) 535330.4
BOTTOM HOLE (UTM 83)
N) 4461228.1
E) 535012.0



TH (NAD 83) N) 652259.5 E) 1665976.9 LAT.) 40°17'08.6" LONG.) 80°35'03.7" DEC. LAT.) 40.285709 DEC. LONG.) 80.584363	TP (NAD 83) N) 652598.8 E) 1666909.2 LAT.) 40°17'12.0" LONG.) 80°34'51.7" DEC. LAT.) 40.286671 DEC. LONG.) 80.581036
TH (NAD 27) N) 652222.4 E) 1697411.4 LAT.) 40°17'08.3" LONG.) 80°35'04.4" DEC. LAT.) 40.285639 DEC. LONG.) 80.584568	TP (NAD 27) N) 652561.7 E) 1698343.7 LAT.) 40°17'11.8" LONG.) 80°34'52.5" DEC. LAT.) 40.286601 DEC. LONG.) 80.581241
KOP (NAD 83) N) 652129.0 E) 1667080.2 LAT.) 40°17'07.4" LONG.) 80°34'49.4" DEC. LAT.) 40.285387 DEC. LONG.) 80.580403	BOTTOM HOLE (NAD 83) N) 657778.3 E) 1665024.0 LAT.) 40°18'03.0" LONG.) 80°35'16.9" DEC. LAT.) 40.300825 DEC. LONG.) 80.588017
KOP (NAD 27) N) 652091.9 E) 1698514.7 LAT.) 40°17'07.1" LONG.) 80°34'50.2" DEC. LAT.) 40.285317 DEC. LONG.) 80.580608	BOTTOM HOLE (NAD 27) N) 657741.2 E) 1696458.6 LAT.) 40°18'02.7" LONG.) 80°35'17.6" DEC. LAT.) 40.300755 DEC. LONG.) 80.588222

REFERENCE NOTES
Boundaries as shown taken from deeds, tax maps and field locations. A full boundary survey is not expressed nor implied. All bearings are based on true north. Ownership taken from public records Brooke County, West Virginia APRIL 2011
State Plane Coordinates & NAD 83 Lat/Long by differential submeter mapping grade GPS
Drafted by: E.A.M.

FILE #: CHE 054
DRAWING #: 1808
SCALE: 1"=2000'
MINIMUM DEGREE OF ACCURACY: 1/200
PROVEN SOURCE SUBMETER MAPPING OF ELEVATION: GRADE GPS

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 REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

Signed: _____
L.L.S. #2124 : Ernest J. Benchek III



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
WVDEP
OFFICE OF OIL & GAS
601 57TH STREET
CHARLESTON, WV 25304

Well Type: Oil Waste Diposal Production Deep
 Gas Liquid Injection Storage Shallow

WATERSHED: UPPER OHIO SOUTH

COUNTY/DISTRICT: BROOKE/CROSS CREEK

QUADRANGLE: STEUBENVILLE EAST

SURFACE OWNER: GENE CHARLES VALENTINE TRUST

ACREAGE: 494.385 +/-

OIL & GAS ROYALTY OWNER: GENE CHARLES VALENTINE TRUST

ACREAGE: 592.385 +/-

LEASE NUMBERS: _____

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
PLUG OFF FORMATION PERFORATE NEW FORMATION PLUG & ABANDON
CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY): _____

TARGET FORMATION: MARCELLUS

ESTIMATED DEPTH: TVD: 6,000' TMD: 11,512'

WELL OPERATOR : CHESAPEAKE APPALACHIA, LLC.

DESIGNATED AGENT : ERIC B. GILLESPIE

ADDRESS: PO BOX 18496

ADDRESS: Po Box 6070

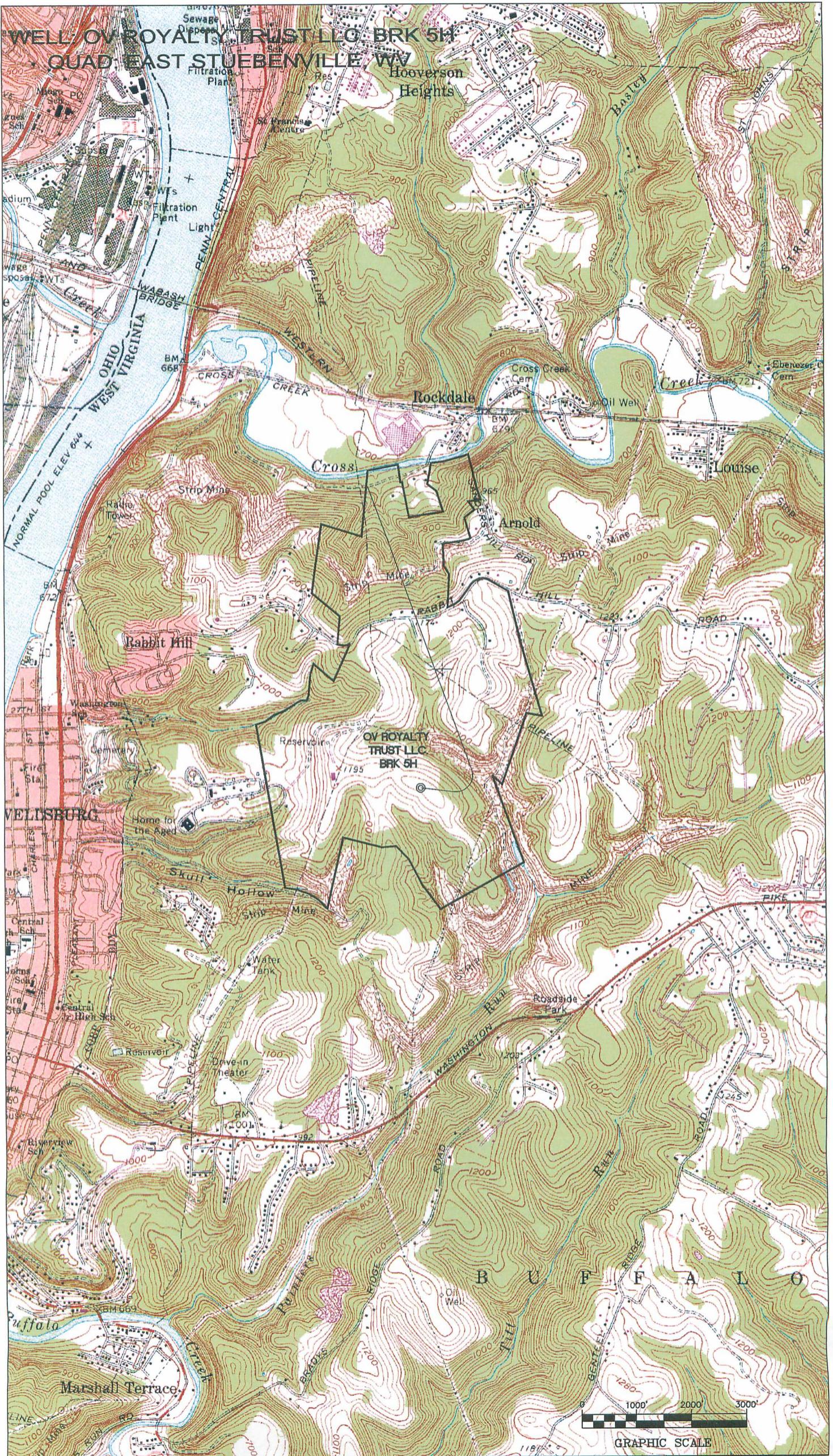
CITY: OKLAHOMA CITY STATE: OK ZIP CODE: 73154-0496

CITY: CHARLESTON STATE: WV ZIP CODE: 25301

DATE: DECEMBER 16, 2011
OPERATOR'S WELL #: OV ROYALTY TRUST LLC. BRK 5H

API WELL #: 47 09 00120-#
STATE COUNTY PERMIT
CANCELLED

ELEVATION : 1,185'



GRAPHIC SCALE