



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

December 28, 2015

WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-4700035, issued to CABOT OIL & GAS CORPORATION, is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to all conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas inspector.

Upon completion of the plugging well work, the above named operator will reclaim the site according to the provisions of WV Code 22-6-30. The above named operator will also file, as required in WV Code 22-6-23, an affidavit on form WR-38 by two experienced persons in the operator's employment and the Oil and Gas inspector that the work authorized under this permit was performed and a description given. Failure to abide by all statutory and regulatory provisions governing all duties and operations here under may result in suspensions or revocation of this permit and in addition may result in civil and/or criminal penalties being imposed upon the operator.

This permit will expire in two (2) years from date of issue. If there are any questions, please free to contact me at (304) 926-0499 ext. 1654.

James Martin
Chief

Operator's Well No: 7
Farm Name: FORD MOTOR CO.
API Well Number: 47-4700035
Permit Type: Plugging
Date Issued: 12/28/2015

Promoting a healthy environment.

01/01/2016

4700035P

WW-4B
Rev. 2/01

1) Date November 18, 20 15
2) Operator's
Well No. Pocahontas-Fork #7
3) API Well No. 47-047 - 00035

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

4) Well Type: Oil _____ / Gas X / Liquid injection _____ / Waste disposal _____ /
(If "Gas, Production X or Underground storage _____) Deep _____ / Shallow X

5) Location: Elevation 2,168.98' Watershed Davy Branch of Tug Fork of the Big Sandy River
District Browns Creek County McDowell Quadrangle Pineville

6) Well Operator Cabot Oil & Gas Corporation 7) Designated Agent Phillip Hill - Cabot Oil & Gas Corporation
Address 2000 Park Lane Address 900 Lee Street East, Suite 1500
Pittsburgh, PA 15275 Charleston, WV 25301

8) Oil and Gas Inspector to be notified Name Brian Ferguson
Address 708 Manor Drive
Beckley, WV 25801
9) Plugging Contractor Name Contractor Services, Inc.
Address 929 Charleston, Road
Spencer, WV 25276

10) Work Order: The work order for the manner of plugging this well is as follows:
See Attached Sheet

Received
Office of Oil & Gas
NOV 20 2015

OK JMM

Notification must be given to the district oil and gas inspector 24 hours before permitted work can commence.

Work order approved by inspector _____ Date _____

01/01/2016

Pocahontas- Ford #7 API # 47 - 047 - 00035 PLUGGING PROCEDURE

Current Configuration

Elevation – 2172'
 DTD – 3640'
 10-3/4" – 35.75# casing @ 806' on shoe
 8-5/8" – 24# casing @ 1656' on B. H. packer
 7" – 23# casing @ 3105' on shoe
 2-3/8" tubing @ 3390' with Hookwall packer set @ 3265'
 Fresh water @ 130' & 198'
 Coal @ 90' – 92', 650' – 652', & 758' – 760'
 Ravencliff @ 2370' – 2402' with no gas show
 Maxton @ 2854' – 2934' with no gas show
 Big Lime @ 3030' – 3615' with gas show @ 3271'

PROCEDURE

1. Contact Pineville Office a minimum of 48 hours prior to starting work.
2. Contact State Inspector a minimum of 24 hours prior to starting work.
3. MIRU service rig and blow down well.
4. Lay 2" line from wellhead to pit/tank and stake down securely.
5. MIRU service rig and blow down well. Have vacuum truck available to catch any fluids circulated from well.
6. Unpack wellhead.
7. Pull 2-3/8" tubing.
8. If unable to pull tubing, run freepoint, cut above freepoint, and POOH.
9. TIH with 2-3/8" work string to TD.
10. MIRU Cement Company and pump 65 bbls 6% Gel.
11. Pull work string up to 3300' and pump 35 sks of Class A cement for plug 1 from 3300' to 3150'.
12. Displace w/ 12 bbls of 6% Gel.
13. TOOH with work string.
14. Pull 7" casing string. If unable to pull, run freepoint on casing string, cut casing above freepoint, and POOH with casing.
15. TIH with 2-3/8" work string to 2200'.
16. Pump 60 sks of Class A cement for plug 2 from 2200' to 2000'.
17. Displace w/ 7 ½ bbls of 6% Gel.
18. TOOH with work string.
19. Pull 8-5/8" and 10-3/4" casing strings. If unable to pull, run freepoint on casing string, cut casing above freepoint, and POOH with casing.
20. TIH with 2-3/8" work string to 1400' and 115 bbls of 6% gel followed by 140 sks of Class A cement for plug 3 from 1400' to 1000'.
21. Displace w/ 3 ½ bbls of 6% Gel.
22. Pull work string up to 800' and pump 170 sks of Class A cement for plug 4 from 800' to 550'.
23. Displace w/ 2 bbls of 6% Gel.
24. Pull work string up to 200' and pump 135 sks of Class A cement for plug 5 from 200' to surface.
25. TOOH with work string and lay down.
26. RDMO Cementing Company.
27. Place monument as required by law on top of well bore.
28. Reclaim well site.

MUST HAVE 100' CLASS A PLUG ACROSS
7" CASING CUT.

MUST HAVE 100' CLASS A PLUG ACROSS
8 5/16" & 10 3/4" CASING CUTS.

JMM

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Office of Oil & Gas

NOV 20 2015

01/01/2016

Pocahontas-Ford #7

API 47-047-00035

CURRENT CONFIGURATION

Elevation - 2172'

Coal @ 90' - 92'
Water @ 130' & 198'

Coal @ 650' - 652'
Coal @ 758' - 760'

Water @ 1180'
Gas @ 1183'

Water @ 1371'

10-3/4" 32.75# casing @ 806' on shoe

8-5/8" 24# casing @ 1656' on B.H. pkr

3030'

7" 23# casing @ 3105' on shoe

Big Lime w/ gas show @ 3271'

Hookwall pkr @ 3265'

2 3/8" tubing to 3390'

3615'

DTD @ 3640'

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Office of Oil & Gas
NOV 20 2015

Schematic is not to scale

T. Ou 11/16/15

01/01/2016

WEST VIRGINIA DEPARTMENT OF MINES
OIL & GAS DIVISION
W E L L R E C O R D

Permit No. McD 35
Pinovillo Quad.

Gas Well
CASING & TUBING

Company Godfrey L. Cabot, Inc.
Address Charleston, W.Va. 10 806 806 shoe
Farm Ford Motor Company Acres 8 1656 1656 Packer
Location 7 3105 3105 Shoe
District Browns Creek McDowell County
Well No. 7 serial 1268 Elev. 2172 PRODUCING SAND RECORD
Commenced March 11, 1948
Completed June 22, 1948 Big Lime 3274 39 MCF
Surface
Mineral
Water

Open flow 130' 1 blr. every 3 hrs.; 198' 1 blr.
every 2 hrs.; 1180 1 blr. every 4 hrs.;
1371 1 blr. every hr.
10/10ths in 2" on day after acidization,
well blow open 2 hrs.
Volume 133 MCF
Acid 1500 gal. 3224 to 3324 8-24-48
B.S. 28 MCF; 2 hrs. A.S. 1,148 MCF

Surface	0	5	Slate & Shells	2934	2995
Sand	5	90	Pencil Cave	2995	3009
Coal	90	92	Lime	3009	3030
Sand	92	115	Big Lime	3030	3615
Slate	115	125	Big Injun	3615	3640
Sand	125	150	Total Depth		3640
Slate	150	178			
Sand	178	190	Gas 1183 show only		
Slate	190	197	Gas 3271 39 MCF		
Sand	197	233	SLM 2951; 3276		
Slate	233	238			
Lime	238	255			
Slate	255	285			
Sand	285	370			
Slate & Shells	370	446			
Sand	446	480			
Slate	486	493			
Lime	493	574			
Sand	574	610			
Slate & Shells	610	618			
Lime	618	650			
Coal	650	652			
Sand	652	758			
Coal	758	760			
Sand	760	895			
Slate	895	923			
Lime	923	998			
Slate & Shells	998	1070			
Lime	1070	1163			
Sand	1163	1290			
Lime	1290	1301			
Sand	1301	1370			
Slate & Shells	1370	1440			
Sand	1440	1501			
Lime	1501	1530			
Slate & Shells	1530	1602			
Sand	1602	1689			
Red Lime	1689	1769			
Slate & Shells	1769	2001			
Sand	2001	2061			
Slate & Shells	2061	2160			
Red Rock	2160	2180			
Sand	2180	2250			
Lime	2250	2280			
Red Rock	2280	2370			
Sand Ravoncliff	2370	2402			
Lime	2402	2514			
Sand	2514	2725			
Red Rock	2725	2824			
Lime	2824	2854			
Maxon Sand	2854	2934			

Received
Office of Oil & Gas
NOV 20 2015

01/01/2016

WW-4A
Revised 6-07

1) Date: November 18, 2015
2) Operator's Well Number
Pocahontas-Ford #7
3) API Well No.: 47 - 047 - 00035

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF APPLICATION TO PLUG AND ABANDON A WELL

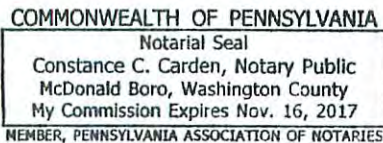
4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>Pocahontas Land Corporation</u>	Name <u>See Attached Sheet</u>
Address <u>P.O. Box 1517</u>	Address _____
<u>Bluefield, WV 24701</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Pocahontas Land Corporation</u>
_____	Address <u>P.O. Box 1517</u>
_____	<u>Bluefield, WV 24701</u>
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
6) Inspector <u>Brian Ferguson</u>	(c) Coal Lessee with Declaration
Address <u>708 Manor Drive</u>	Name <u>Marianna Coal Company</u>
<u>Beckley, WV 25801</u>	Address <u>P.O. Box 1084</u>
Telephone <u>(304) 550-6265</u>	<u>Bluefield, VA 24605</u>

TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:

- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Chief.



Well Operator Cabot Oil & Gas Corporation
 By: Kenneth L. Marcum
 Its: Regulatory Supervisor
 Address 2000 Park Lane
Pittsburgh, PA 15275
 Telephone (412) 249-3850

Received
Office of Oil & Gas
 NOV 20 2015

Subscribed and sworn before me this 18th day of November, 2015
Constance C. Carden Notary Public
 My Commission Expires November 16, 2017

Oil and Gas Privacy Notice

The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use of your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

COAL OPERATORS
POCAHONTAS-FORD #7
47-047-00035

Raw Coal Mining Co., Inc. ✓
P.O. Box 1030
Bluefield, VA 24605

Spartan Mining Company ✓
208 Business Street
Beckley, WV 25801

Pinnacle Mining Co., LLC ✓
P.O. Box 338
Pineville, WV 24874

12/10/15
Received

Shane Coal Company ✓
P.O. Box 1084
Bluefield, VA 24605

Received
Office of Oil & Gas
NOV 20 2015

WW-9
(2/15)

API Number 47 - 047 - 00035

Operator's Well No. Pocahontas-Ford #7

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

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name Cabot Oil & Gas Corporation OP Code 08145

Watershed (HUC 10) Left Fork of Davy Branch of Tug Fork Quadrangle Pineville

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes No

Will a pit be used? Yes No

If so, please describe anticipated pit waste: _____

Will a synthetic liner be used in the pit? Yes No If so, what ml.? _____

Proposed Disposal Method For Treated Pit Wastes:

- Land Application
- Underground Injection (UIC Permit Number _____)
- Reuse (at API Number _____)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain No treated pit wastes will be produced)

Any WELL EFFLUENT WILL BE CONTAINED IN TANKS & DISPOSED OF PROPERLY!
JMM

Will closed loop system be used? If so, describe: N/A

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. no drilling proposed

-If oil based, what type? Synthetic, petroleum, etc. _____

Additives to be used in drilling medium? N/A

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. No cuttings produced during plugging operation

-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) _____

-Landfill or offsite name/permit number? _____

Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on August 1, 2005, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

Company Official Signature Kenneth L. Marcum

Company Official (Typed Name) Kenneth L. Marcum

Company Official Title Regulatory Supervisor

Received
Office of Oil & Gas
NOV 20 2015

Subscribed and sworn before me this 18th day of November, 2015

Constance C. Carden

Notary Public

My commission expires 11/16/2017

COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Constance C. Carden, Notary Public
McDonald Boro, Washington County
My Commission Expires 11/16/2017
MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

01/01/2016

47000357

Form WW-9

Operator's Well No. Pocahontas-Ford #7

Cabot Oil & Gas Corporation

Proposed Revegetation Treatment: Acres Disturbed 7.25 Prevegetation pH 6.8

Lime 2 Tons/acre or to correct to pH 6.5

Fertilizer type 10-20/20 or equivalent

Fertilizer amount 500 lbs/acre

Mulch Pulp Fiber at 1000 to 1500 lbs. Tons/acre

Seed Mixtures

Temporary

Permanent

Seed Type	lbs/acre	Seed Type	lbs/acre
(Grain Rye - 100) (Red Clover - 5) (Fescue - 40)		(Grain Rye - 100) (Red Clover - 5) (Fescue - 40)	
(Annual Rye - 20) (White Clover - 5)		(Annual Rye - 20) (White Clover - 5)	
(Perennial Rye - 10) (Alta Sweet Clover - 5)		(Perennial Rye - 10) (Alta Sweet Clover - 5)	
(Yellow Clover - 5) (Birdsfoot Trefoil - 10)		(Yellow Clover - 5) (Birdsfoot Trefoil - 10)	

Attach:

Drawing(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided)

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: _____

Comments: _____

Title: _____ Date: _____

Field Reviewed? () Yes () No

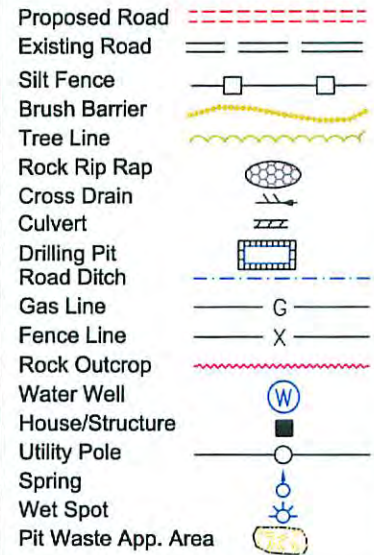
Received
Office of Oil & Gas
NOV 20 2015

01/01/2016

GENERAL NOTES:

- 1.) THESE DRAWINGS ARE A SCHEMATIC REPRESENTATION OF THE PROPOSED WELL SITE AND ACCESS ROAD. PROPOSED STRUCTURES SUCH AS THE DRILLING PIT, ROADWAY, CULVERTS, SEDIMENT BARRIERS, ETC. ARE SHOWN IN THEIR APPROXIMATE PREPLANNING CONFIGURATION. GIVEN UNFORSEEN CIRCUMSTANCES, THE AS-BUILT LOCATION OF THESE STRUCTURES MAY VARY SLIGHTLY FROM THE LOCATION SHOWN ON THE ATTACHED DRAWINGS.
- 2.) ALL ROADS SHOWN THEREON ARE EXISTING UNLESS OTHERWISE NOTED AND SHALL BE MAINTAINED IN ACCORDANCE WITH THE GUIDELINES AND REQUIREMENTS OF THE WV DEP OIL & GAS EROSION AND SEDIMENT CONTROL MANUAL.
- 3.) ALL CULVERTS SHOWN ON THESE DRAWINGS ARE PROPOSED AND WILL BE A MINIMUM OF 15" IN DIAMETER UNLESS OTHERWISE NOTED.
- 4.) DITCHLINES AND CULVERTS WILL BE INSTALLED WHENEVER PRACTICAL; HOWEVER, PORTIONS OF THE EXISTING ROADS WHICH ARE LOCATED IN SOLID ROCK SHALL NOT REQUIRE DITCHES OR CROSS DRAINS, UNLESS OTHERWISE WARRANTED BY FIELD CIRCUMSTANCES.
- 5.) SUPPLEMENTAL DRAINAGE AND/OR SEDIMENT CONTROL STRUCTURES/MEASURES IN ADDITION TO THOSE SHOWN ON THE ATTACHED DRAWINGS WILL BE INSTALLED WHERE AND WHEN DEEMED NECESSARY. SUCH ADDITIONAL MEASURES MAY CONSIST OF SILT FENCES OR OTHER MEASURES AS OUTLINED IN THE EROSION AND SEDIMENT CONTROL MANUAL.
- 6.) SEDIMENT BASINS (TRAPS) WILL BE CONSTRUCTED AT ALL CULVERTS AND CROSS DRAIN INLETS AS REQUIRED IN THE WV-DEP OIL & GAS EROSION AND SEDIMENT CONTROL MANUAL. FIELD CONDITIONS SUCH AS ROCK OUTCROPS AND BEDROCK MAY PROHIBIT INLET TRAPS BEING INSTALLED. WHEN THESE CONDITIONS EXIST, ADDITIONAL EROSION CONTROL MEASURES SHALL BE EVALUATED AND UTILIZED AS NEEDED.
- 7.) SEDIMENT BARRIERS OF EITHER WINDROWED BRUSH, FILTER FENCE ET CETERA WILL BE INSTALLED AND MAINTAINED BELOW THE OUTFALL OF ALL PROPOSED CULVERTS AND AT ALL OTHER STORM WATER DISCHARGE POINTS FROM EITHER THE ROADWAY OR SITE LOCATIONS.
- 8.) ALL NECESSARY TIMBER AND BRUSH WILL BE REMOVED FROM THE PROPOSED ROADWAY AND SITE LOCATIONS BY CLEARING AND GRUBBING ACTIVITIES. ANY MARKETABLE TIMBER WILL BE CUT AND STACKED TO THE SIDE OF THE ROADWAY OR REMOVED TO A STOCKPILE AREA. THE REMAINING TIMBER AND BRUSH WILL BE CUT AND WINDROWED BELOW THE OUTSLOPE OF THE CONSTRUCTION AREAS, TO BE UTILIZED AS A SEDIMENT BARRIER.
- 9.) SEPARATE PERMITS WILL BE OBTAINED FROM THE WV-DOT FOR ALL POINTS OF INGRESS-EGRESS FROM COUNTY/STATE ROADS. THESE INGRESS-EGRESS POINTS WILL BE MAINTAINED IN ACCORDANCE WITH CURRENT WV-DOT REGULATIONS. A STABILIZED CONSTRUCTION ENTRANCE CONSISTING OF 8" OF CRUSHED STONE WILL BE CONSTRUCTED FOR A MINIMUM DISTANCE OF 50' FROM THE INGRESS-EGRESS POINTS OF ALL PUBLIC ROADWAYS IN ACCORDANCE WITH CURRENT WV-DOT REGULATIONS.
- 10.) ALL CULVERTS SHOWN ON THESE DRAWINGS ARE TO BE CONSIDERED PERMANENT AND WILL REMAIN IN PLACE AFTER THE COMPLETION OF CONSTRUCTION ACTIVITIES UNLESS NOTED OTHERWISE. A STABILIZED OUTLET CONTROL DEVICE SUCH AS RIPRAP, NATURAL STONE, BRUSH, ETC. WILL BE INSTALLED BELOW THE OUTFALL OF ANY ROADWAY CULVERT(S) WHICH ARE NOT LOCATED IN A STREAM CHANNEL OR CREEK.
- 11.) PERMANENT CROSS DRAINS OR WATERBARS WILL BE INSTALLED AS AN INTEGRAL PART OF THE RECLAMATION PROCESS AND SHALL BE SPACED IN ACCORDANCE WITH THE AS-BUILT ROADWAY GRADES AND TABLE II-4 OF THE SEDIMENT AND EROSION CONTROL FIELD MANUAL.
- 12.) TEMPORARY SEEDING AND MULCHING WILL BE UTILIZED TO PROVIDE A VEGETATIVE COVER ON ALL DISTURBED AREAS I.E. ROADWAYS, STIE LOCATIONS, ROAD OR SITE OUTSLOPES AND ANY OTHER AREAS THAT ARE DISTURBED BY CONSTRUCTION ACTIVITIES RESULTING FROM THE PROPOSED WELL.
- 13.) THE LOCATION OF DRILLING PIT(S) MAY BE ADJUSTED TO MINIMIZE ENVIRONMENTAL IMPACTS AND MEET THE REQUIREMENTS OF THE WV-DEP.

DRAWING LEGEND



SPACING OF CULVERTS BY GRADE

ROAD GRADE (%)	DISTANCE
2-5	500-300
6-10	300-200
11-15	200-100
16-20	100

SPACING OF CROSS DRAINS BY GRADE

ROAD GRADE (%)	DISTANCE
1	400
2	250
5	135
10	80
15	60
20	45

CONTRACTOR NOTE:

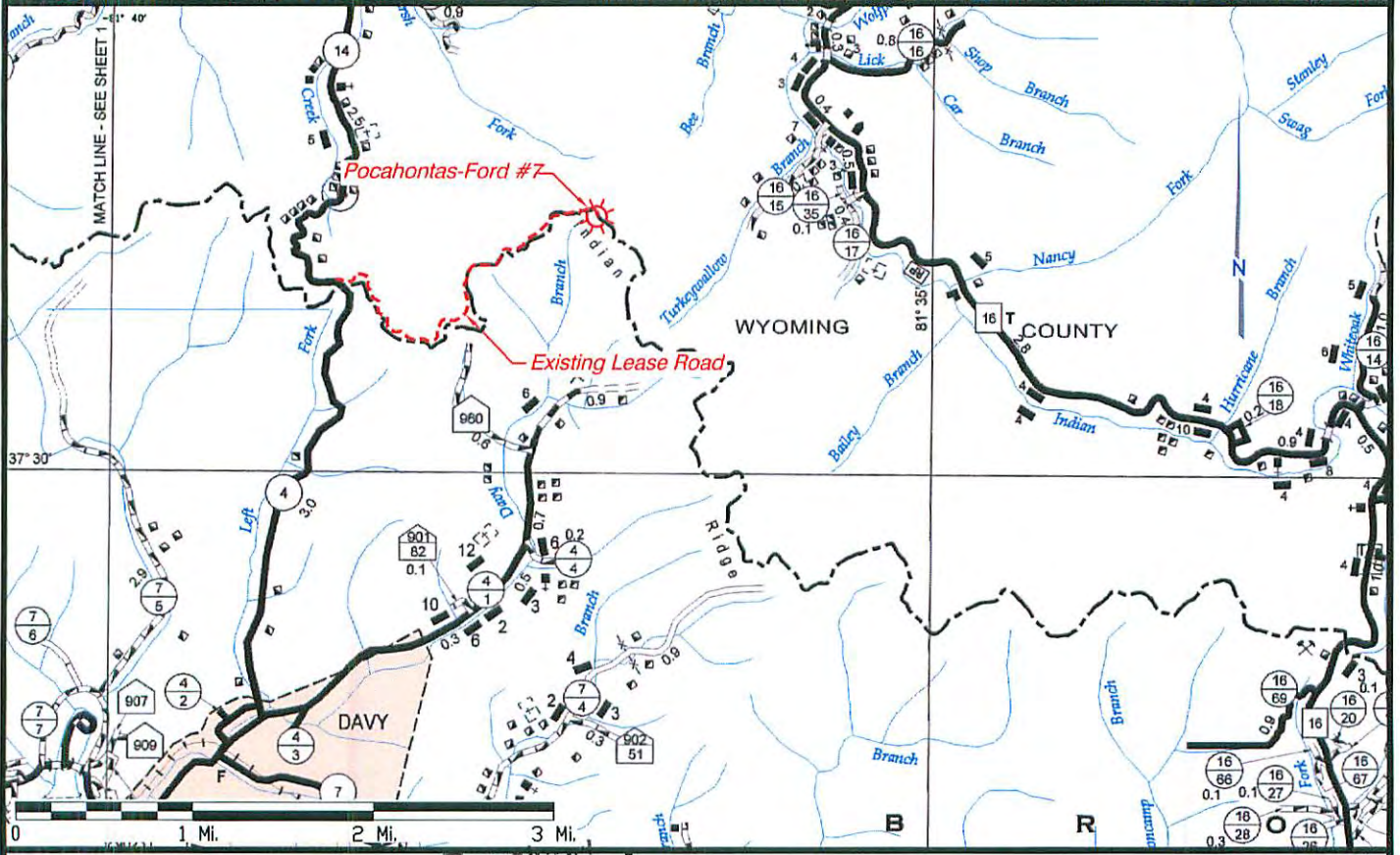
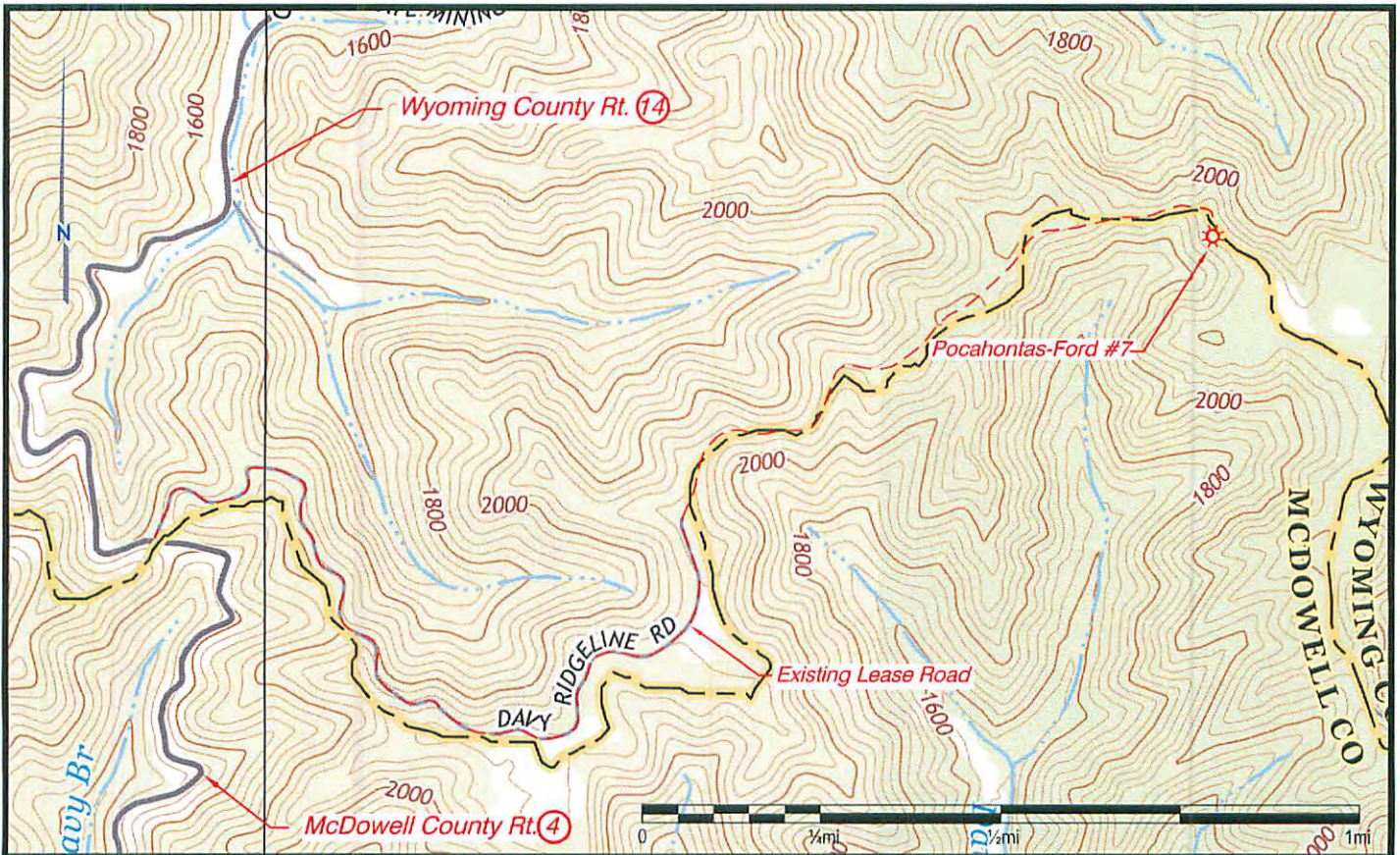
IT IS THE RESPONSIBILITY OF THE CONSTRUCTION CONTRACTOR TO FIELD VERIFY THE SIZE/CONDITION OF ALL UNDERGROUND UTILITIES, SANITARY SEWERS, STORM SEWERS, ETC. PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION AND/OR EXCAVATION ACTIVITIES

WEST VIRGINIA LAW REQUIRES 3 WORKING DAYS NOTICE FOR CONSTRUCTION PHASE AND 10 WORKING DAYS NOTICE IN DESIGN STAGE.

CALL 1-800-245-4848

Received
Office of Oil & Gas

NOV 20 2015




 Cabot Oil & Gas Corporation
 Office of Operations
 NOV 20 2015

Pocahontas-Ford #7
 Location Map - October 28, 2015
 Located near Davy in Browns Creek District of McDowell County, WV

PROPOSED CULVERT INVENTORY
(For Bid Purposes Only)

15' (Minimum) Culverts	none proposed
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Additional Culverts and/or other drainage structures and sediment control devices may be required by the WVDEP Oil & Gas Inspector. Operator is responsible for coordination with contractor and True Line regarding any changes or additions the State may require.

All roads shown hereon are existing unless otherwise noted and shall be maintained in accordance with the WVDEP best management practices contained in the Erosion and Sediment Control Field Manual.

Entrances at County/State roads shall be maintained in accordance with WVDOT regulations. Separate permits may be required by the WVDOT.

Sediment basins (sumps) and appropriate erosion control barriers are to be constructed at all culvert and cross drain inlets and outlets as required in the WVDEP Oil & Gas Erosion and Sediment Control Field Manual. Field conditions (rock outcrops or bedrock) may prohibit inlet sumps (traps) being installed. When these conditions exist, additional erosion control measures shall be evaluated and employed as needed.

Earthwork contractors are responsible for notification to the operator and Oil & Gas Inspector prior to any deviation from this plan.


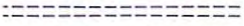




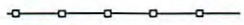
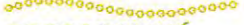









All slopes shall be seeded and mulched after site construction is complete. All slopes created during road construction will receive temporary seeding and mulch immediately following completion.

Marketable timber shall be cut and stacked at an accessible location.

Stacked or windrowed brush may be used for sediment control.

Applications for separate Public Lands Corporation permits on the access road stream crossings (if any) have been provided where applicable.

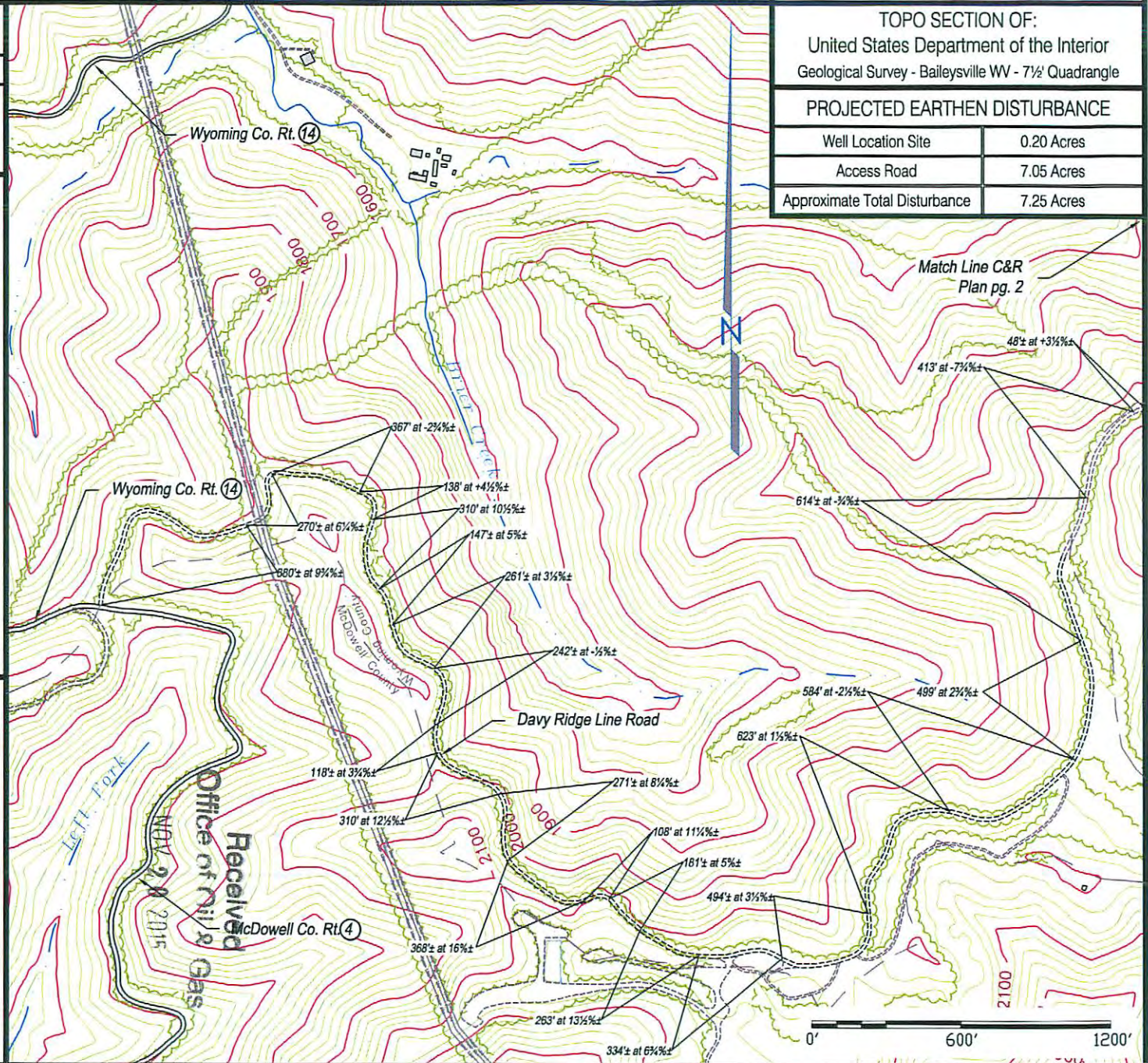
LEGEND

Proposed Road	
Existing Road	
Existing Culvert	
Proposed Culvert (15' Min. unless noted)	
Proposed Stream Crossing	
Cross Drain	
Diversion Ditch	
Silt Fence	
Brush Barrier	
Tree Line	
Road Ditch	
Gas Line	
Fence Line	
Water Well	
House/Structure	
Spring	
Wet Spot	

TOPO SECTION OF:
United States Department of the Interior
Geological Survey - Baileysville WV - 7 1/2 Quadrangle

PROJECTED EARTHEN DISTURBANCE

Well Location Site	0.20 Acres
Access Road	7.05 Acres
Approximate Total Disturbance	7.25 Acres



47000557P

Cabot Oil & Gas Corporation Pocahontas-Ford #7

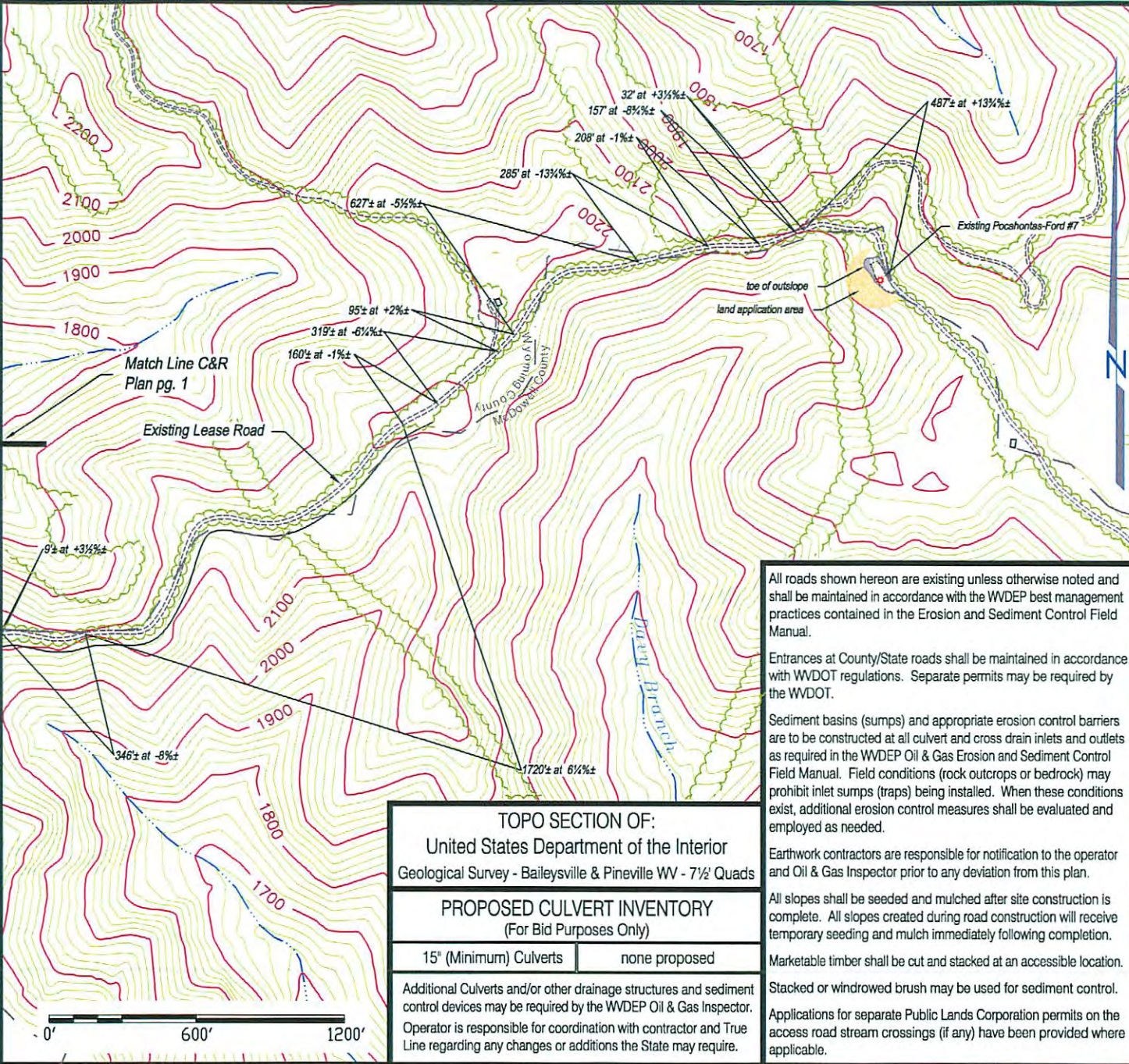
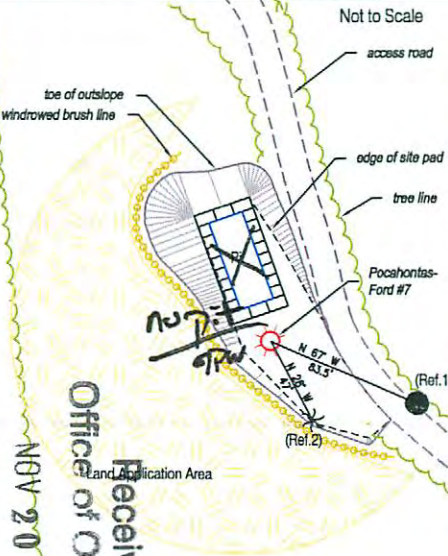
PROJECTED EARTHEN DISTURBANCE

Well Location Site	0.20 Acres
Access Road	7.05 Acres
Approximate Total Disturbance	7.25 Acres

LEGEND

- Proposed Road ---
- Existing Road ---
- Existing Culvert
- Proposed Culvert (15' Min. unless noted)
- Proposed Stream Crossing
- Cross Drain
- Diversion Ditch
- Silt Fence
- Brush Barrier
- Tree Line
- Road Ditch
- Gas Line GAS
- Fence Line
- Water Well
- House/Structure
- Spring
- Wet Spot

Detail Sketch for well Pocahontas-Ford #7



All roads shown hereon are existing unless otherwise noted and shall be maintained in accordance with the WDEP best management practices contained in the Erosion and Sediment Control Field Manual.

Entrances at County/State roads shall be maintained in accordance with WDOT regulations. Separate permits may be required by the WDOT.

Sediment basins (sumps) and appropriate erosion control barriers are to be constructed at all culvert and cross drain inlets and outlets as required in the WDEP Oil & Gas Erosion and Sediment Control Field Manual. Field conditions (rock outcrops or bedrock) may prohibit inlet sumps (traps) being installed. When these conditions exist, additional erosion control measures shall be evaluated and employed as needed.

Earthwork contractors are responsible for notification to the operator and Oil & Gas Inspector prior to any deviation from this plan.

All slopes shall be seeded and mulched after site construction is complete. All slopes created during road construction will receive temporary seeding and mulch immediately following completion.

Marketable timber shall be cut and stacked at an accessible location.

Stacked or windrowed brush may be used for sediment control.

Applications for separate Public Lands Corporation permits on the access road stream crossings (if any) have been provided where applicable.

TOPO SECTION OF:
United States Department of the Interior
Geological Survey - Baileysville & Pineville WW - 7 1/2 Quads

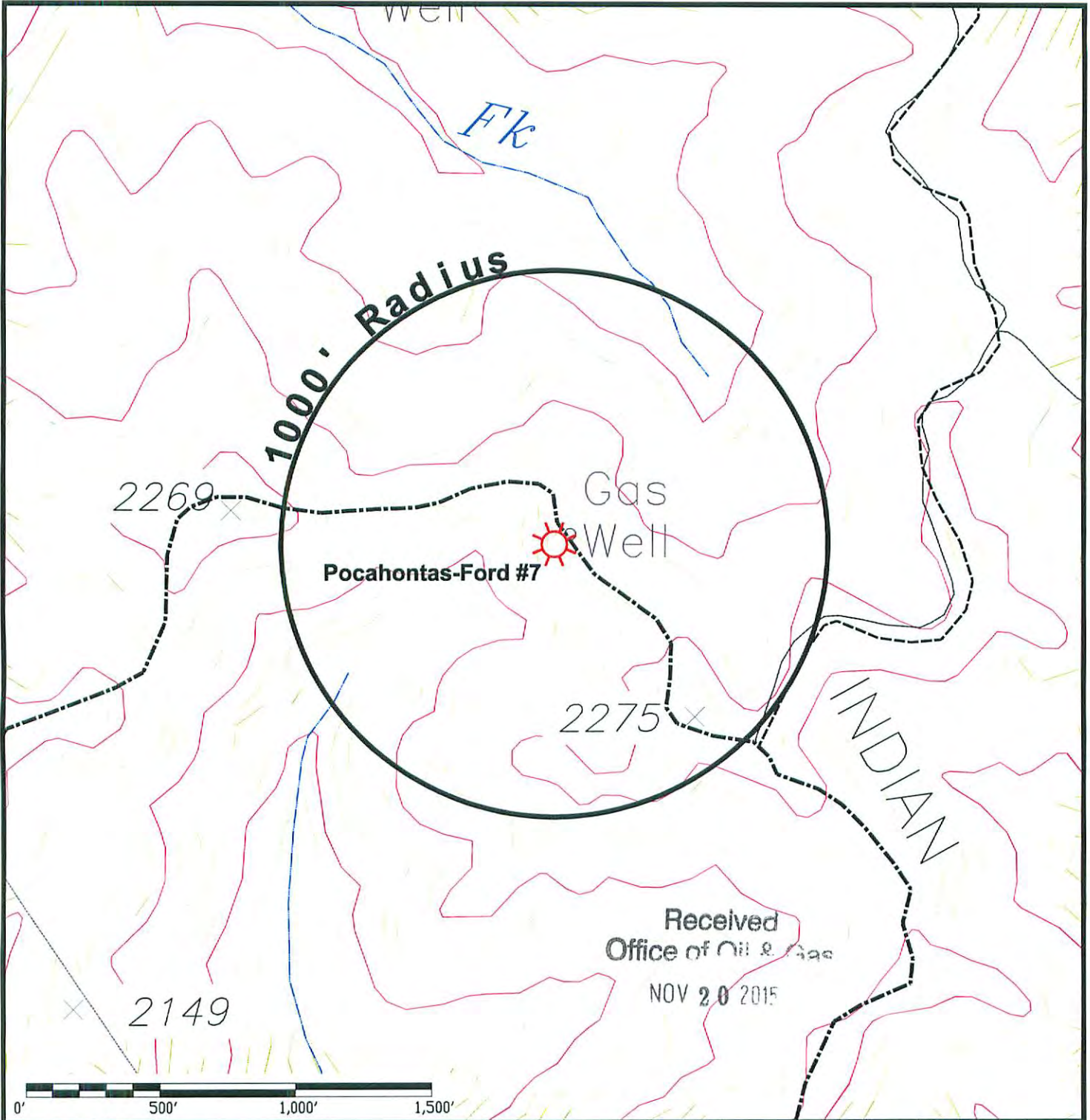
PROPOSED CULVERT INVENTORY
(For Bid Purposes Only)

15" (Minimum) Culverts	none proposed
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Additional Culverts and/or other drainage structures and sediment control devices may be required by the WDEP Oil & Gas Inspector. Operator is responsible for coordination with contractor and True Line regarding any changes or additions the State may require.

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L7000357



Pineville, WV 7½' Quadrangle

Notes:

No water wells or other sources of groundwater currently being used for human consumption, domestic animals or other general uses were identified within 1000' of the existing well site.

Legend:

- Water Well 
- Spring 
- Wet Spot 
- House/Structure 

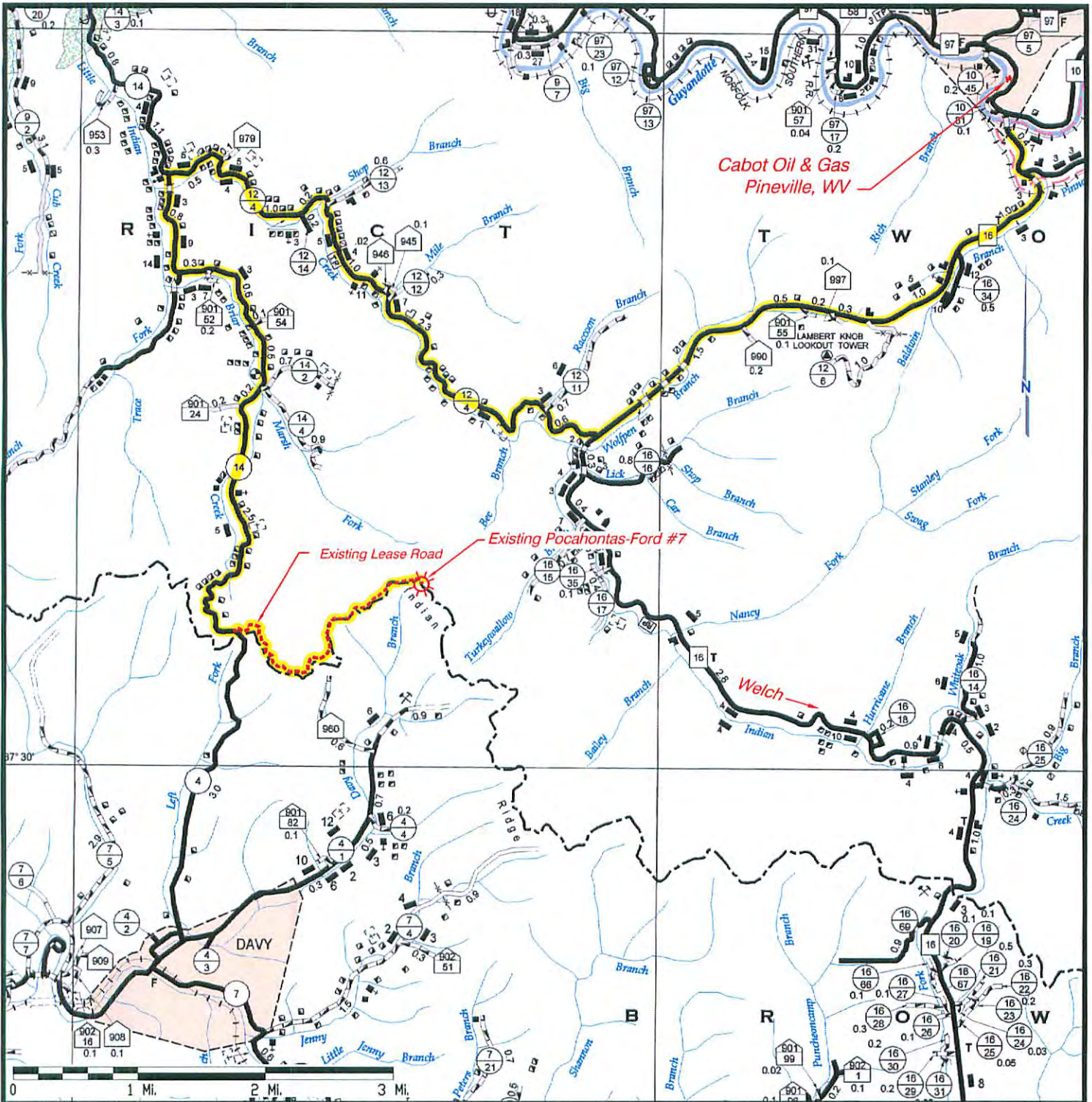


Cabot Oil & Gas Corporation

Pocahontas-Ford #7

Located near Davy in Browns Creek District of McDowell County, West Virginia

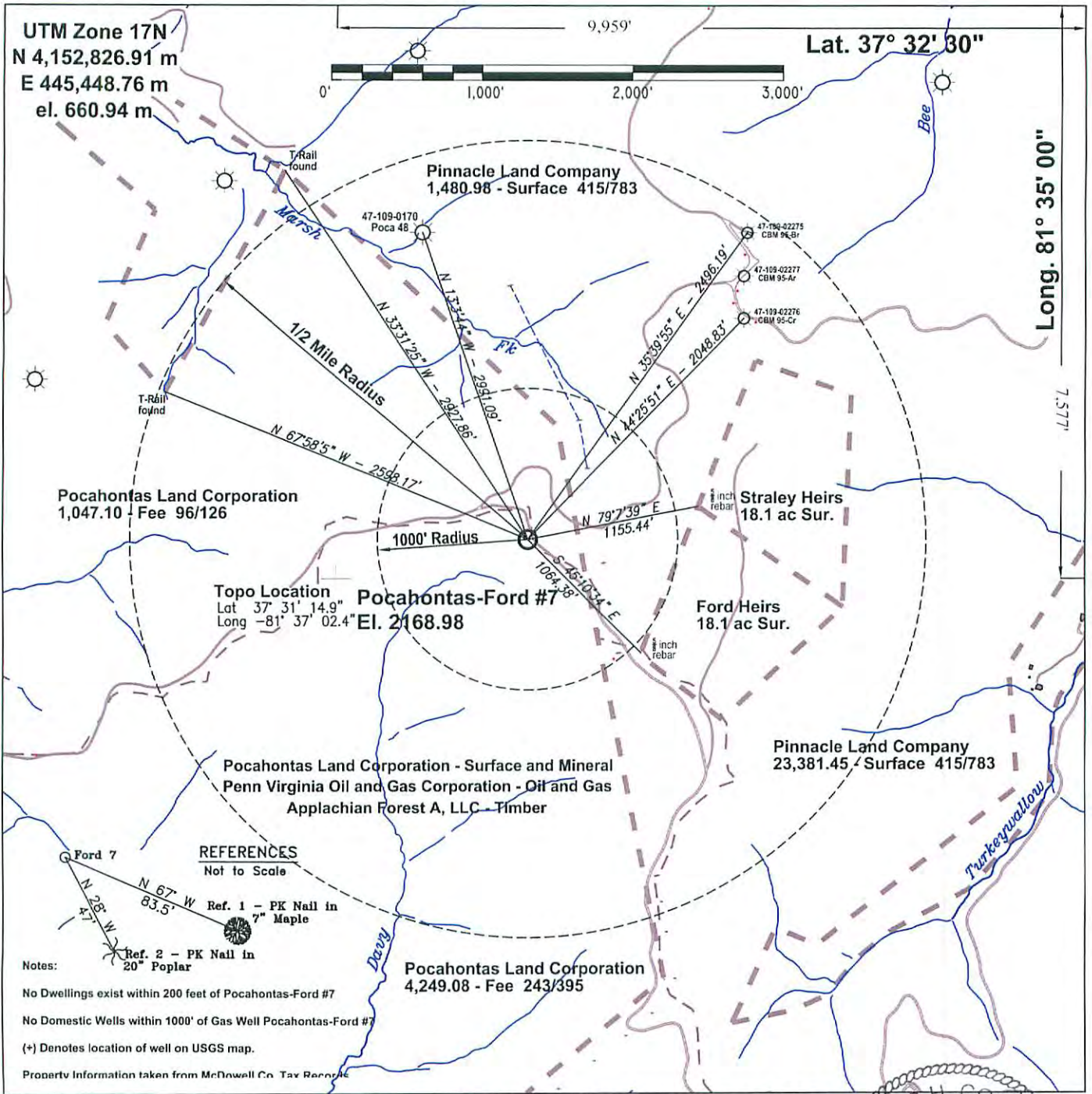
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Driving Directions:

1. Beginning at the Cabot office in Pineville, turn right on WV State Rt. 10 South for 4.4 miles to intersect WV Route 16. Turn right onto WV Rt. 16 South for 5.1 miles.
2. Bear right onto Wyoming Co. Rt. 12 Indian Creek Road for 5¼ miles to intersect Brier Creek Road at a stop sign.
3. Turn left at the stop sign onto Wyoming Co. Rt. 14, Brier Creek Road for 2¼ miles to a fork. Bear right at the fork to remain on Wyoming County Rt. 14, Brier Creek Road, continue 2.6 miles to the top of the ridge and the Indian Ridge Line Road on the left.
4. Turn left onto the Indian Ridge Line Road which is the beginning of the existing lease road. Proceed along the ridge road for 2¼ miles to a fork. Bear right at the fork to remain on the lease road for an additional 0.1 miles to the Pocahontas-Ford #7 well site on the right.

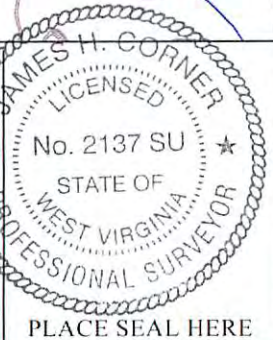
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Office of Oil & Gas
NOV 20 2015



FILE #: \\filestation1\Station4D\work\Cabot Oil & Gas\
 DRAWING #: Cabot2014\Well 7\WW-6-Ford#7.pdf
 SCALE: see barscale above
 MINIMUM DEGREE OF ACCURACY: 1 part in 2500
 PROVEN SOURCE OF ELEVATION: sub meter GPS location

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: *James H. Corner*
 R.P.E.: _____ L.L.S.: 21375U



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

DATE: October 28, 2015
 OPERATOR'S WELL #: Pocahontas-Ford #7
 API WELL #: 47 047 00035 P
 STATE COUNTY PERMIT

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

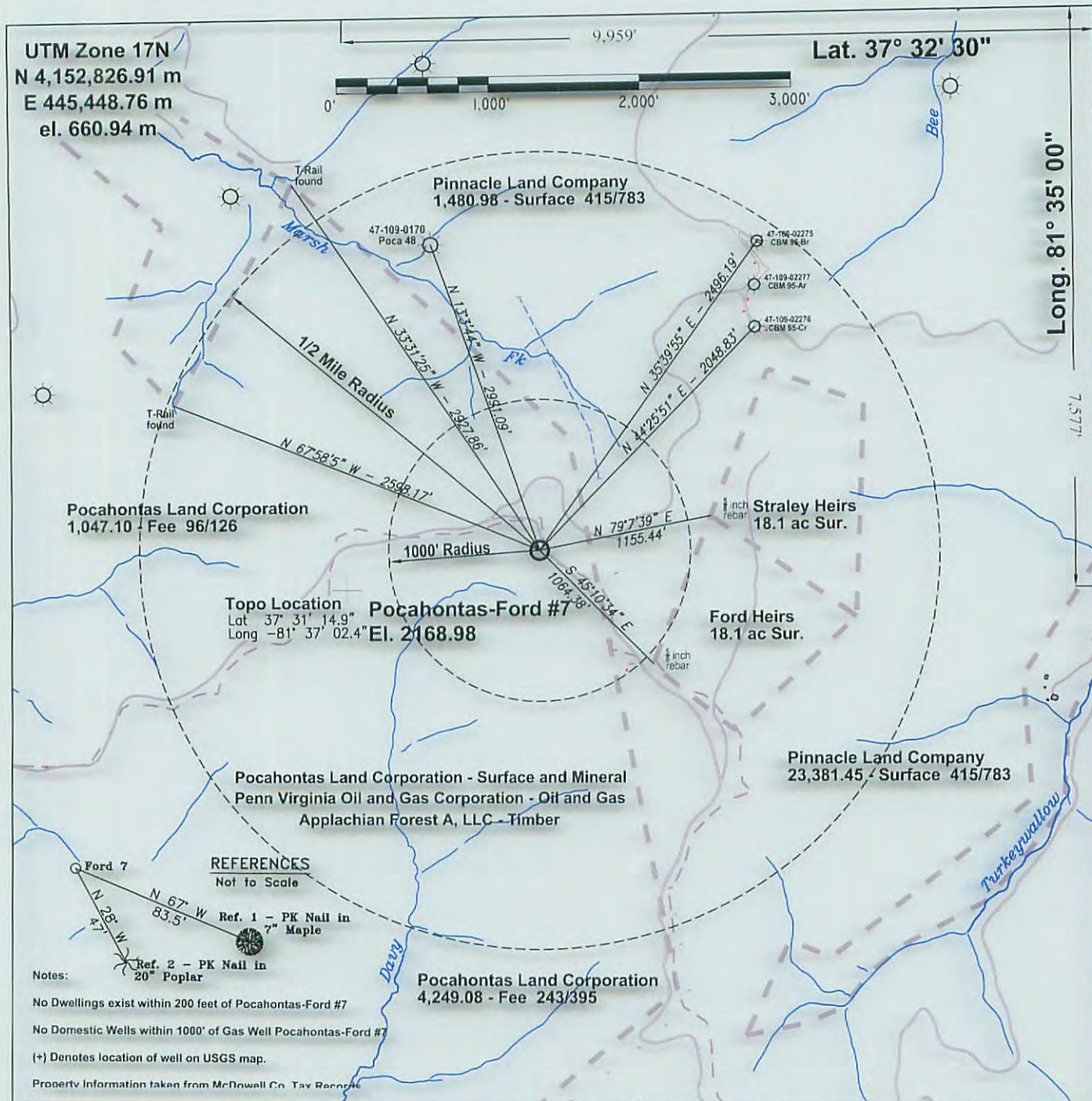
WATERSHED: Davy Branch of Tug Fork of the Big Sandy River ELEVATION: 2168.98
 COUNTY/DISTRICT: 047-McDowell / 3-Browns Creek QUADRANGLE: 549 - PINEVILLE
 SURFACE OWNER: Pocahontas Land Corporation ACREAGE: 4,249.08
 OIL & GAS ROYALTY OWNER: Penn Virginia Oil and Gas Corporation ACREAGE: 47,520

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

TARGET FORMATION: Big Lime ESTIMATED DEPTH: 3,640'

WELL OPERATOR Cabot Oil & Gas Corporation DESIGNATED AGENT Whitney Johnson
 Address Five Penn Center West, Suite 401 Address P.O. Box 450
 City Pittsburgh State PA Zip Code 15276 City Glasgow State WV Zip Code 25086

01/01/2016



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 Signed: *James H. Cornes*
 R.P.E.: _____ L.L.S.: 213750



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