

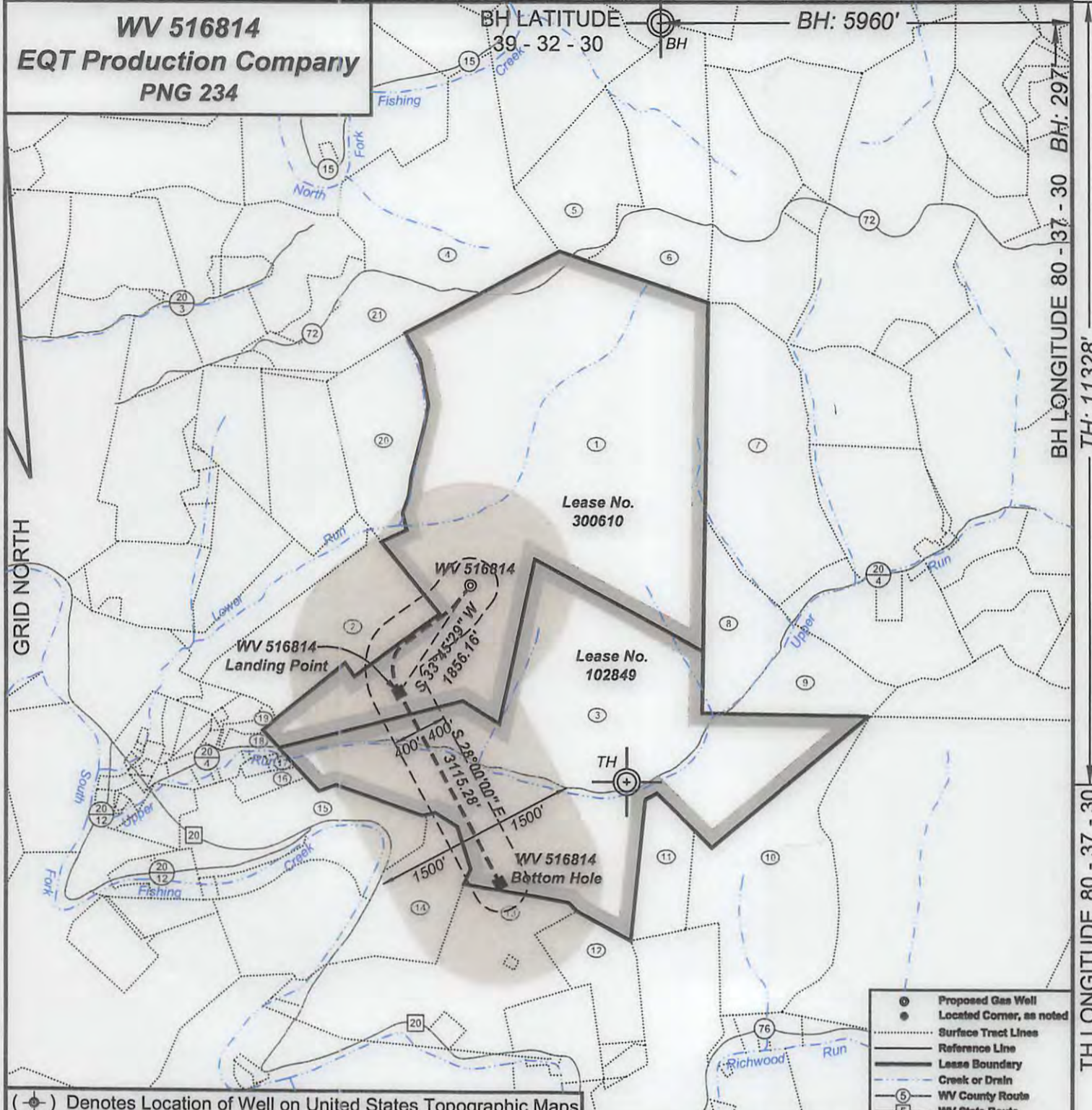
TH LATITUDE 39 - 35 - 00'

TH: 6581'

WV 516814
EQT Production Company
PNG 234

BH LATITUDE
39 - 32 - 30

BH: 5960'



BH LONGITUDE 80 - 37 - 30 BH: 297'

TH: 11328'

TH LONGITUDE 80 - 37 - 30

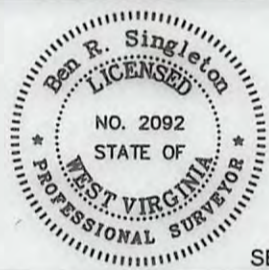
(+) Denotes Location of Well on United States Topographic Maps

- ⊕ Proposed Gas Well
- ⊙ Located Corner, as noted
- Surface Tract Lines
- Reference Line
- Lease Boundary
- Creek or Drain
- ⑤ WV County Route
- ⑤ WV State Route



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.

Ben R. Singleton
P.S. 2092



SEAL

FILE NO: 10-34-G-16
DRAWING NO: 10-16 PNG234 H5.dwg
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY: 1:2500
PROVEN SOURCE OF ELEVATION: NGS CORS Station

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

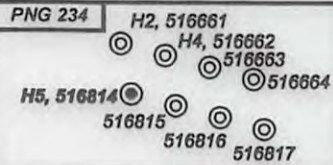
DATE: July 14 20 16
OPERATOR'S WELL NO. WV 516814
API WELL NO
47 - 103 - 03150
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
LOCATION: ELEVATION: Existing 1280' Proposed 1234' WATERSHED Upper Run of South Fork of Fishing Creek QUADRANGLE: Pine Grove
DISTRICT: Grant COUNTY: Wetzel
SURFACE OWNER: Coastal Forest Resources Company F.K.A. Coastal Lumber Company ACREAGE: 532
ROYALTY OWNER: Waco Oil & Gas Co., Inc. LEASE NO: 300610 ACREAGE: 532
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE 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: 7,206'

12/23/2016

WELL OPERATOR: EQT Production Company DESIGNATED AGENT: Rex C. Ray
ADDRESS: 115 Professional Place PO Box 280 ADDRESS: 115 Professional Place PO Box 280
Bridgeport, WV 26330 Bridgeport, WV 26330

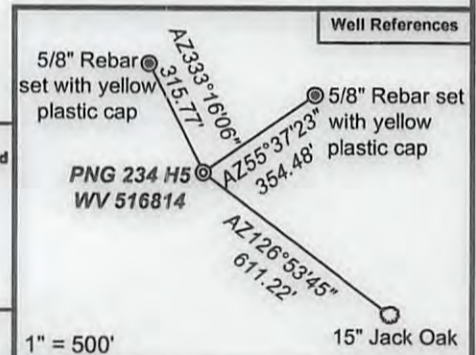
WV 516814
EQT Production Company
PNG 234



Tract I.D.	Tax Map No.	Parcel No.	District	Surface Tract Owner	Acres
1	16	19	Grant	Coastal Forest Resources Co.	522.5
2	16	23	Grant	Coastal Forest Resources Co.	99.5
3	16	40	Grant	Coastal Forest Resources Co.	412.8
4	11	58	Grant	Coastal Forest Resources Co.	124.25
5	12	23	Grant	Esther R. Coen	60.5
6	12	36	Grant	Coastal Forest Resources Co.	38.5
7	17	1.1	Grant	Coastal Forest Resources Co.	131.69
8	17	05	Grant	Donald Lee & Laura S. Smith	48.03
9	17	06	Grant	Georgia Ann Smith	0.55
10	17	16.1	Grant	Coastal Forest Resources Co.	137.39
11	17	15	Grant	Coastal Forest Resources Co.	32.00
12	22	02	Grant	Elizabeth Morgan, et al.	27.00
13	22	01	Grant	Wheeling Jesuit University, Inc.	122.35
14	16	64	Grant	Jerry Lee Kuhens, Jr., et al.	52.82
15	16	55	Grant	Joseph D. Barker	61.00
16	16	54.2	Grant	William M. & Kimberly K. Haught	6.40
17	16	54	Grant	Carma Wyatt, et al.	1.482
18	16	39	Grant	Donna Sivert, et al.	3.78
19	16	32.2	Grant	Donna Sivert, et al.	2.88
20	16	13	Grant	Coastal Forest Resources Co.	64.00
21	11	73	Grant	Coastal Forest Resources Co.	52.30

WV 516814 coordinates:
 NAD 27 N: 385,379.81 E: 1,676,346.77
 NAD 27 Lat: 39.552416 Long: -80.647842
 NAD 83 UTM N: 4,378,150.05 E: 530,271.14
 WV 516814 Landing Point coordinates:
 NAD 27 N: 383,836.61 E: 1,675,315.33
 NAD 27 Lat: 39.548143 Long: -80.651429
 NAD 83 UTM N: 4,377,674.64 E: 529,964.72
 WV 516814 Bottom Hole coordinates:
 NAD 27 N: 381,085.99 E: 1,676,777.86
 NAD 27 Lat: 39.540543 Long: -80.646119
 NAD 83 UTM N: 4,376,844.09 E: 530,424.26

West Virginia Coordinate System of 1927 (North Zone) based upon Differential GPS Measurements.
 Plat orientation, corner and well ties are based upon the grid north meridian.
 Well location references are based upon the grid north meridian.
 UTM coordinates are NAD83, Zone 17, Meters.

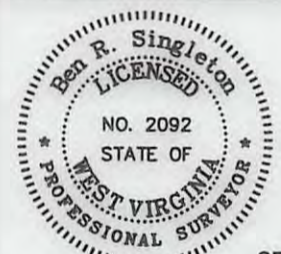


Lease No.	Acres	Owner
102849	419.7	Shiben Estates



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 P.S. 2092



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OIL AND GAS DIVISION

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 API WELL NO. 47 - 103 - 03156
 STATE COUNTY PERMIT

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 ADDRESS: 115 Professional Place PO Box 280 ADDRESS: 115 Professional Place PO Box 280
 Bridgeport, WV 26330 Bridgeport, WV 26330



Pine Grove 7.5' USGS QUADRANGLE		Proposed Disturbance Area	
Projected culvert inventory. (for bid purposes only)		Well Site Location	See Site Plan
15" minimum diameter culverts	See Site Plan	Proposed Access Road	See Site Plan
24" minimum diameter culverts	See Site Plan	Approximate Total Disturbance	See Site Plan
DRAWN BY: Tim Rutledge	DATE: June 7, 2016	FILE NO. 10-16	DRAWING FILE NO. 1016 Rec Plan

Note: SEE SITE PLAN OF PNG 103 FOR COMPLETE GRADING & DRAINAGE CONSTRUCTION INCLUDING EROSION & SEDIMENT CONTROL DETAILS, ETC.

RECEIVED
Office of Oil and Gas
JUL 12 2016



SURVEYING AND MAPPING SERVICES PERFORMED BY:
ALLEGHENY SURVEYS, INC.
 1-800-482-8606
 Birch River Office
 Phone: (304) 649-8606
 Fax: (304) 649-8608
 237 Birch River Road
 P.O. Box 438
 Birch River, WV 26610

WV Department of Environmental Protection
12/23/2016