



west virginia department of environmental protection

Oil and Gas Conservation Commission
601 57th Street, SE Charleston, WV 25304
(304)926-0499, Ext 1656

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

December 1, 2016

Department of Environmental Protection
Office of Oil and Gas
Charleston, WV 25304

RE: Application for Deep Well Permit – API #47-095-02330

COMPANY: Jay-Bee Oil & Gas Inc.

FARM: Jack Hair - RPT8-4U

COUNTY: Tyler DISTRICT: McElroy QUAD: Shirley

The deep well review of the application for the above company is **APPROVED TO DRILL TO TRENTON FOR UTICA COMPLETION.**

The applicant has complied with the provision of Chapter 22C-9, of the Code of West Virginia, nineteen hundred and thirty-one (1931), as amended, Oil and Gas Conservation Commission as follows:

1. Comments to Notice of Deviation filed? none
2. Provided a certified copy of duly acknowledged and recorded consent and easement form from all surface owners; yes
3. Provided a tabulation of all deep wells within one mile of the proposed location, including the API number of all deep wells, well name, and the name and address of the operator; none
4. Provided a plat showing that the proposed location is a distance of 400 feet from the nearest lease line or unit boundary and showing the following wells drilled to or capable of producing from the objective formation within 3,000 feet of the proposed location.

Sincerely,

Cindy Raines
Program Administrator



west virginia department of environmental protection

Oil and Gas Conservation Commission
601 57th Street, SE Charleston, WV 25304
(304)926-0499, Ext 1656

Earl Ray Tomblin, Governor
Barry K. Lay, Chairman
dep.wv.gov

November 15, 2016

EQT Production Company
120 Professional Place
Bridgeport, WV 26330

RE: Intentional Deviation of New Deep Well
Jay-Bee Oil and Gas Inc. - RPT8-4U (modification)

Dear Sir:

Please be advised that Jay-Bee Oil and Gas, Inc. has applied to the Oil and Gas Conservation Commission for approval to intentionally deviate a new deep well. The Code of State Regulations Title 39 Section 1.4.10 requires that the Commission notify the offset operators of the applicants' intent to deviate the proposed well. You are receiving this notice because you are listed as an offset operator (unleased mineral owner is also an "offset operator") to the proposed well. Any offset operator has ten days to object to the Commission's granting approval to the proposed deviation. If you file an objection, the Commission will schedule a hearing and you will be notified of the date and time to attend.

A copy of the location plat is enclosed for your review. If no objection(s) are received by **November 30, 2016** application will be processed in the normal manner.

If you have any questions please call me at (304) 926-0499, extension 1656.

Sincerely,

Cindy Raines
Program Administrator

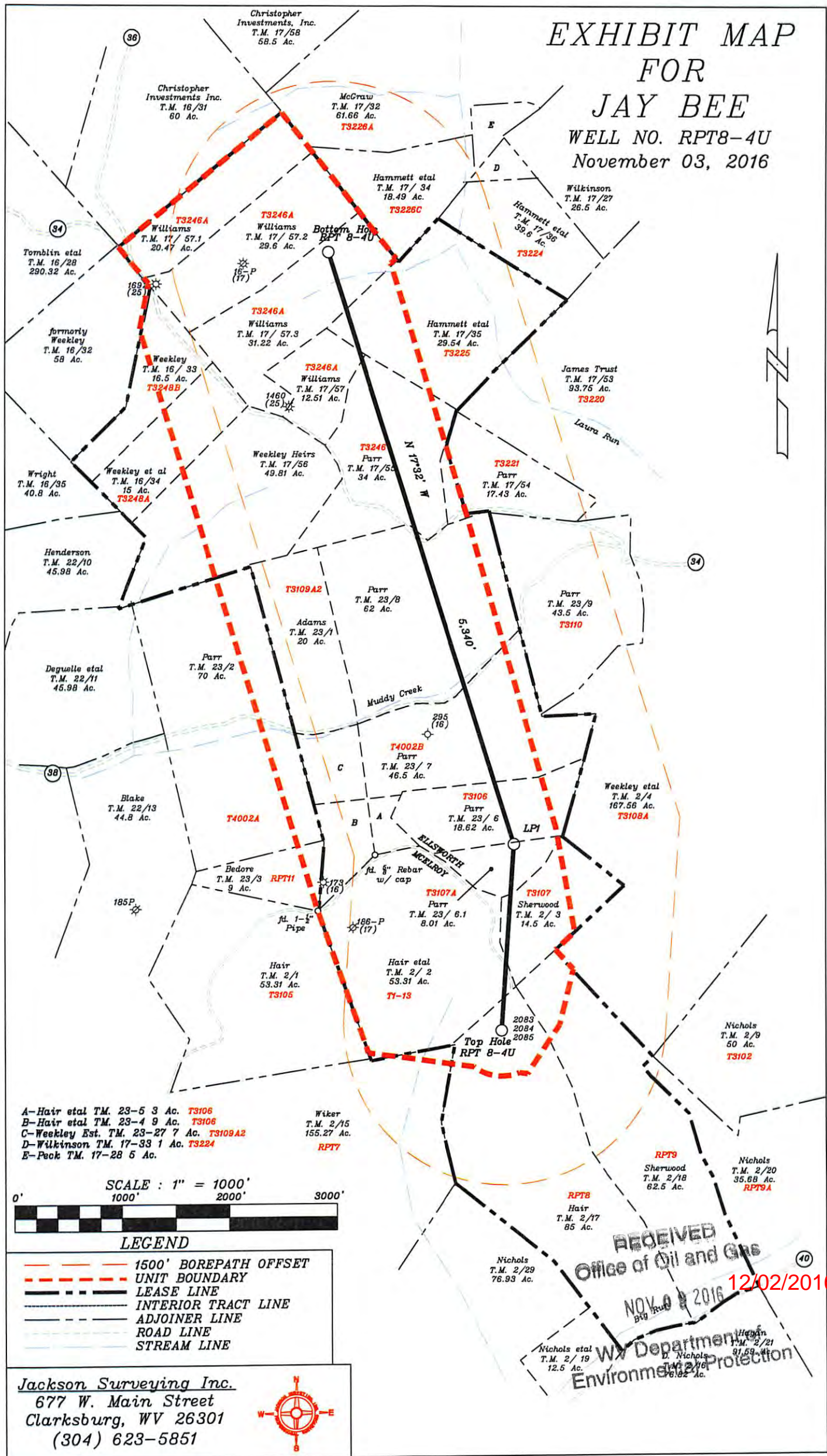
encl: as stated

12/02/2016

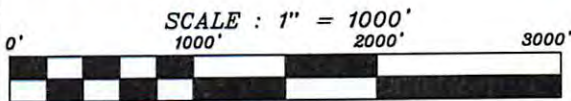
RPT8 WELL SITE 1500' OPERATOR NOTIFICATION

Tract	Operator/Name	Street Address	Phone	Well Name	API Number	Formation
RPT8 (TM2 P17)	Jay-Bee Oil & Gas, Inc.	3570 Shields Hill Rd., Cairo, WV 26337	304-628-3111	RPT8-1	47-095-02085	Marcellus
RPT8 (TM2 P17)	Jay-Bee Oil & Gas, Inc.	3570 Shields Hill Rd., Cairo, WV 26337	304-628-3111	RPT8-2	47-095-02084	Marcellus
RPT8 (TM2 P17)	Jay-Bee Oil & Gas, Inc.	3570 Shields Hill Rd., Cairo, WV 26337	304-628-3111	RPT8-3	47-095-02083	Marcellus
T1-13 (TM2 P2)	Jay-Bee Oil & Gas, Inc. (Leaseholder)	3570 Shields Hill Rd., Cairo, WV 26337	304-628-3111	Nichols #1 (Plugged)	47-095-00186P	Big Injun
T4002B (TM23 P7)	Jay-Bee Oil & Gas, Inc. (Leaseholder)	3570 Shields Hill Rd., Cairo, WV 26337	304-628-3111	Parr #1 (Plugged)	47-095-00295	Unknown
T3246A (TM17 P57) ✓	Triad Hunter, LLC	777 Post Oak Blvd. Suite 910, Houston, TX 77056	832-369-6986	Walter #1	47-095-01460	Benson
T3246A (TM17 P57.2)	Jay-Bee Oil & Gas, Inc. (Leaseholder)	3570 Shields Hill Rd., Cairo, WV 26337	304-628-3111	Soles 1-1969	47-095-00016P	Fourth
T3226C (TM17 P34) ✓ T3226A (TM17 P32) ✓ T3224 (TM17 P36) ✓	EQT Production Company	120 Professional Place, Bridgeport, WV 26330	304-848-0061	No Wells on Property, unleased Mineral Owners Only		
	✓ Edwin Ferrell	645 5th St., New Martinsville, WV	Unlisted			
	✓ Randall Ferrell	RR 1 Box 211A, Middlebourne, WV 26149	Unlisted			
	✓ Janice Colleen Ferrell	P.O. Box 52, Middlebourne, WV 26149	304-758-4900			
	✓ Sara Jane Ferrell	2105 Gayley St., Columbia, SC 29209	Unlisted			
	✓ Ivadell Ferrell	505 Willow Dr., Roswell, NM 88203	575-622-3072			
T3221 (TM17 P54)	EQT Production Company	120 Professional Place, Bridgeport, WV 26330	304-848-0061	No Wells on Property, unleased Mineral Owners Only		
T3220 (TM17 P53) ✓	Charles E. Arnette	3375 Curtis St., Mogadore, OH 44260-1007	Unlisted	No Wells on Property, unleased Mineral Owners Only		
T3110 (TM23 P9) ✓	EQT Production Company	120 Professional Place, Bridgeport, WV 26330	304-848-0061			
	George R. Arnette	2052 Martin Rd, Mogadore, OH 44260-1544	Unlisted			
T3245 (TM16 P31)	EQT Production Company	120 Professional Place, Bridgeport, WV 26330	304-848-0061	No Wells on Property, unleased Mineral Owners Only		
T3108A (TM2 P4)	EQT Production Company	120 Professional Place, Bridgeport, WV 26330	304-848-0061	No Wells on Property, unleased Mineral Owners Only		
	✓ Gene Fiber Tallman	8383 Charter Club Circle, Apt. 12, Fort Myers, FL 33919-6838	239-482-7186			
	✓ Linda Noon	1604 4th Street, Moundsville, WV 26041	Unlisted			
	✓ Leah Kay Tallman Blackstone	3720 Main St., 712, Weirton, WV 26062-5371	Unlisted			
	✓ Joretta J. Tallman	112 Van Camp St., Paden City, WV 26159-1622	304-337-8031			
	✓ Gloria Tallman Kovacic	22820 US Route 30, Minerva, OH 44657-9455	330-868-6141			
	✓ Linda Seifert	1707 Lilly Ln #1, Alliance, OH 44601-3849	330-829-9595			
✓ Allen Tallman	1445 Pendleton Ave., Louisville, OH 44641-8780	330-546-7279				
T3102 (TM2 P9)	EQT Production Company	120 Professional Place, Bridgeport, WV 26330	304-848-0061	No Wells on Property, unleased Mineral Owners Only		
	✓ Anglia Fiber	RR 1 Box 147A, Middlebourne, WV 26149	Unlisted			
	✓ Andrea Fletcher	107 McKensie Drive, Buckhannon, WV 26201	Unlisted			
	✓ Alicia Darlene Sellers	RR1 Box 3, Middlebourne, WV 26149	Unlisted			
	✓ Anita Wells	RR1 Box 765, Pennsboro, WV 26415-9736	Unlisted			
	✓ William Adams	549 Berkley Ave., Tarpon Springs, FL 34689-5711	727-942-0103			
T3105 (TM2 P1)	EQT Production Company	120 Professional Place, Bridgeport, WV 26330	304-848-0061	No Wells on Property, unleased Mineral Owners Only		

EXHIBIT MAP FOR JAY BEE WELL NO. RPT8-4U November 03, 2016



A-Hair etal T.M. 23-5 3 Ac. T3106
 B-Hair etal T.M. 23-4 9 Ac. T3106
 C-Weekley Est. T.M. 23-27 7 Ac. T3109A2
 D-Wilkinson T.M. 17-33 1 Ac. T3224
 E-Peck T.M. 17-28 5 Ac.



LEGEND

- 1500' BOREPATH OFFSET
- - - UNIT BOUNDARY
- LEASE LINE
- INTERIOR TRACT LINE
- ADJOINER LINE
- ROAD LINE
- STREAM LINE

Jackson Surveying Inc.
 677 W. Main Street
 Clarksburg, WV 26301
 (304) 623-5851



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WV Department of Environmental Protection

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION

1) Well Operator: Jay-Bee Oil & Gas 24610 Tyler McElroy Shirley 7 1/2'
Operator ID County District Quadrangle

2) Operator's Well Number: RPT8-4U Well Pad Name: RPT8

3) Farm Name/Surface Owner: Jack & Jeff Hair Public Road Access: Big Run Rd.

4) Elevation, current ground: 1,246.5' Elevation, proposed post-construction: 1,246.5'

5) Well Type (a) Gas Oil _____ Underground Storage _____

Other _____

(b) If Gas Shallow _____ Deep

Horizontal

6) Existing Pad: Yes or No Yes

7) Proposed Target Formation(s), Depth(s), Anticipated Thickness and Expected Pressure(s):
Utica: 11,105' Depth, 256' Thickness, 8000 psi, Trenton: 11,220' Depth Thickness, 180' Thickness, 8000 psi

8) Proposed Total Vertical Depth: 11,220' TVD, 11,105' TVD (Horizontal section)

9) Formation at Total Vertical Depth: Trenton (TVD) Utica (Horizontal)

10) Proposed Total Measured Depth: 19,072'

11) Proposed Horizontal Leg Length: 5,470'

12) Approximate Fresh Water Strata Depths: 374'

13) Method to Determine Fresh Water Depths: Closest Stream - Elevation 872'

14) Approximate Saltwater Depths: N/A

15) Approximate Coal Seam Depths: N/A

16) Approximate Depth to Possible Void (coal mine, karst, other): N/A

17) Does Proposed well location contain coal seams directly overlying or adjacent to an active mine? Yes _____ No

(a) If Yes, provide Mine Info: Name: _____

Depth: _____

Seam: _____

Owner: _____

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**WV Department of
Environmental Protection**

12/02/2016

18)

CASING AND TUBING PROGRAM

TYPE	Size (in)	New or Used	Grade	Weight per ft. (lb/ft)	FOOTAGE: For Drilling (ft)	INTERVALS: Left in Well (ft)	CEMENT: Fill-up (Cu. Ft.)/CTS
Conductor	26	New	A500	85 lb./ft	30'	30'	CTS 49 Cu. Ft.
Fresh Water	20	New	J-55	94 lb./ft	425'	425'	CTS 408 Cu. Ft.
Coal	13 3/8	New	J-55	61 lb./ft	2,000'	2,000'	CTS 1389 Cu. Ft.
Intermediate	9 5/8	New	HCP-110	47 lb./ft	9,500'	9,500'	3,059 Cu. Ft.
Production	5 1/2	New	P-110	23 lb./ft	19,072'	19,072'	3,963 Cu. Ft.
Tubing							
Liners							

TYPE	Size (in)	Wellbore Diameter (in)	Wall Thickness (in)	Burst Pressure (psi)	Anticipated Max. Internal Pressure (psi)	Cement Type	Cement Yield (cu. ft./k)
Conductor	26	30	.375	N/A	50	Class A	1.18-1.20
Fresh Water	20	24	.438	2,110	1,000	Class A	1.18-1.20
Coal	13 3/8	17 1/2	.480	3,090	1,500	Class A	1.18-1.24
Intermediate	9 5/8	12 1/4	.472	9,440	2,000	Class A	1.18-3.00
Production	5 1/2	8 1/2	.415	16,800	2,500	Type 1 Cement	1.36-2.08
Tubing							
Liners							

PACKERS

Kind:	N/A			
Sizes:	N/A			
Depths Set:	N/A			

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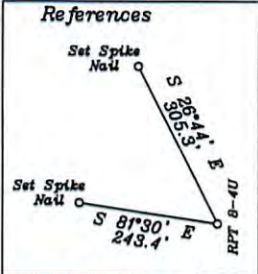
WV Department of
Environmental Protection

Page 2 of 3

12/02/2016

LATITUDE 39-30-00 N TH
 LATITUDE 39-32-30 N BH

400' from Bore Path
 500' from Bore Path
 Unit Boundary Line



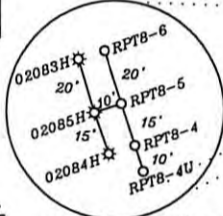
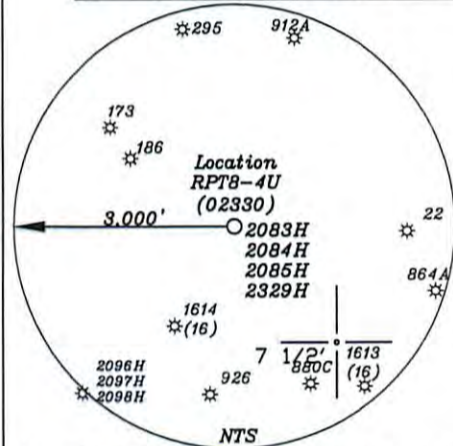
- A-Hair et al T.M. 2-2 53.31 Ac. T1-13
- B-Sherwood T.M. 2-3 14.5 Ac. T3107
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- G-Weekley Est. T.M. 23-27 7 Ac. T3109A2
- H-Adams T.M. 23-1 20 Ac. T3901A1
- I-Bedore T.M. 23-3 9Ac. RPT11
- J-Parr T.M. 17-64 17.43 Ac.
- K-Parr T.M. 17-65 34 Ac. T3246
- L-Williams T.M. 17-57 12.51 Ac. T3246A
- M-Weekley et al T.M. 16-34 15 Ac. T3248A
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- T-Wilkinson T.M. 17-33 1 Ac.
- U-Peck T.M. 17-28 5 Ac.
- V-Parr T.M. 23-7 46.5 Ac. T4002B

Surface Hole Location
 Geo. NAD 83-39.483102 N, 80.785987 W
 UTM NAD 83(Meters)-4370411.03 N, 518405.13 E
 UTM NAD 83(Feet)-14338590.18 N, 1700800.82 E

Landing Point Location
 Geo. NAD 83-39.487836 N, 80.785657 W
 UTM NAD 83(Meters)-4370936.46 N, 518432.26 E
 UTM NAD 83(Feet)-14340314.03 N, 1700889.82 E

Bottom Hole Location
 Geo. NAD 83-39.502793 N, 80.792061 W
 UTM NAD 83(Meters)-4372595.10 N, 517877.69 E
 UTM NAD 83(Feet)-14345755.76 N, 1699070.40 E



Notes:

1. All wells within 500' of the horizontal leg are shown on this plat based upon information taken from DEP mapping, well plats & aerial photos.
2. No waters wells were found within 250' of the location. No dwelling or agricultural buildings were found within 625' of the center of the well pad.
3. Well bore paths and Top Hole location are over 400' from all lease lines.
4. Ties to wells and corners are based on State Plane Grid North-WV North Zone NAD 83.
5. No deep wells were found within 3,000' of the leg, TH or BH.

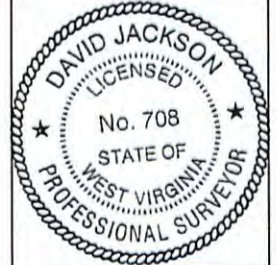
NUMBER	DIRECTION	DISTANCE
L1	S37°46'E	1,955'
L2	S68°26'E	2,039'
L3	N03°55'E	1,727'

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

FILE NO. _____
 DRAWING NO. 1
 SCALE 1" = 2000'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION GPS
submeter 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 RULES ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

(SIGNED) David L Jackson
 R.P.E. _____ P.S. 708

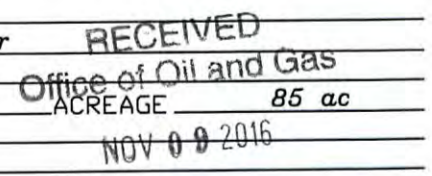


STATE OF WEST VIRGINIA
 Division of Environmental Protection
 OFFICE OF OIL AND GAS

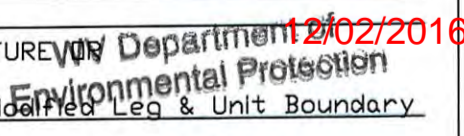
DATE November 03 2016
 OPERATOR'S WELL NO. RPT8 4U
 API WELL NO. _____

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

LOCATION: ELEVATION 1,246.5' WATER SHED Big Run
 DISTRICT McElroy COUNTY Tyler
 QUADRANGLE Shirley 7 1/2'
 SURFACE OWNER Jack Hair et al
 OIL & GAS ROYALTY OWNER Jack Hair - 85 Ac.



LEASE NO. RPT 8
 PROPOSED WORK: DRILL X CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE _____
 STIMULATE X PLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL (SPECIFY) Modified Leg & Unit Boundary
 PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
 TARGET FORMATION Utica ESTIMATED DEPTH TVD=11,105' TMD=19,072'
 WELL OPERATOR Jay Bee Oil & Gas, Inc. DESIGNATED AGENT Randy Broda
 ADDRESS 1720 Rt. 22 East Union, NJ 07083 ADDRESS Rt. 1 Box 5 Cairo, WV 26337



References



LATITUDE 39-30-00 N TH
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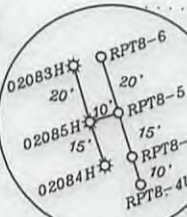
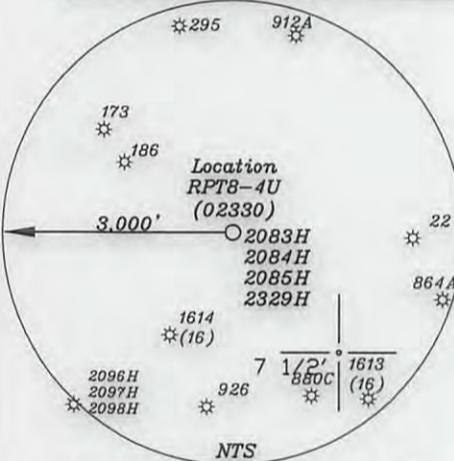
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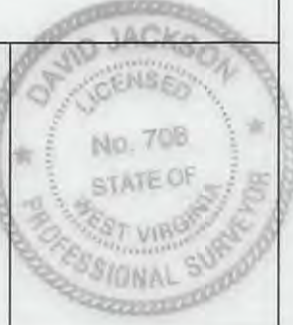
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STATE OF WEST VIRGINIA
Division of Environmental Protection
OFFICE OF OIL AND GAS

DATE November 03 2016
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API WELL NO. _____

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