

State of West Virginia
Department of Environmental Protection - Office of Oil and Gas
Well Operator's Report of Well Work



API 47 - 095 - 02168 County Tyler District McElroy
Quad Shirley 7.5' Pad Name Doc Field/Pool Name _____
Farm name Stanley H. Tustin & WA & Ida Gaston Well Number Doc 6
Operator (as registered with the OOG) Jay-Bee Oil & Gas, Inc.
Address 3570 Shields Hill Rd. City Cairo State WV Zip 26337

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 4,366,651.94 Easting 519,940.20
Landing Point of Curve Northing 4,366,927.76 Easting 519,948.68
Bottom Hole Northing 4,368,200.02 Easting 519,621.28

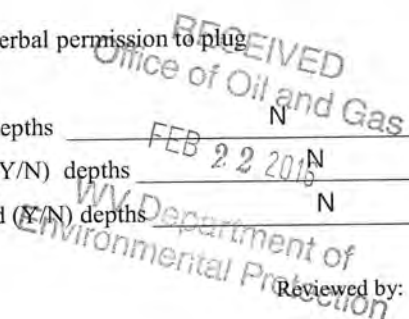
Elevation (ft) 1,036.6' GL Type of Well New Existing Type of Report Interim Final
Permit Type Deviated Horizontal Horizontal 6A Vertical Depth Type Deep Shallow
Type of Operation Convert Deepen Drill Plug Back Redrilling Rework Stimulate
Well Type Brine Disposal CBM Gas Oil Secondary Recovery Solution Mining Storage Other _____
Type of Completion Single Multiple Fluids Produced Brine Gas NGL Oil Other _____
Drilled with Cable Rotary

Drilling Media Surface hole Air Mud Fresh Water Intermediate hole Air Mud Fresh Water Brine
Production hole Air Mud Fresh Water Brine
Mud Type(s) and Additive(s)
ABS 40

Date permit issued 6/25/2104 Date drilling commenced 8/28/2014 Date drilling ceased 12/18/2014
Date completion activities began 10/1/2015 Date completion activities ceased 12/13/2015
Verbal plugging (Y/N) N Date permission granted N/A Granted by N/A

Please note: Operator is required to submit a plugging application within 5 days of verbal permission to plug

Freshwater depth(s) ft 60-90' Open mine(s) (Y/N) depths N
Salt water depth(s) ft N/A Void(s) encountered (Y/N) depths N
Coal depth(s) ft N/A Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N



APPROVED
NAME: Jacqueline Shornton
DATE: 6/17/2016

Reviewed by:
AX W/S
06/17/2016
06/14/16

API 47- 095 - 02168 Farm name Stanley H. Tustin & WA & Ida Gaston Well number Doc 6

CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt/ft	Basket Depth(s)	Did cement circulate (Y/N) * Provide details below*
Conductor	17"	16"	30'	New	20/32/24		Y
Surface	15"	11 3/4"	353'	New	20/23/24	50'	Y
Coal							
Intermediate 1	11"	8 5/8"	2,252'	New	20/17/24	1500'	Y
Intermediate 2							
Intermediate 3							
Production	7 7/8"	5 1/2"	11,545'	New	20		Y
Tubing							
Packer type and depth set							

Comment Details _____

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft ³ /sks)	Volume (ft ³)	Cement Top (MD)	WOC (hrs)
Conductor							
Surface	Class A	215	15.2	1.26	168	CTS	8
Coal							
Intermediate 1	Class A	585	14.7	1.36	572	CTS	8
Intermediate 2							
Intermediate 3							
Production	Class A	1,575	14.4	1.30	1,998	298' from surface	8
Tubing							

Drillers TD (ft) 11,551' Loggers TD (ft) 11,551'
 Deepest formation penetrated Marcellus Plug back to (ft) N/A
 Plug back procedure N/A

Kick off depth (ft) 5,900'

Check all wireline logs run caliper density deviated/directional induction
 neutron resistivity gamma ray temperature sonic

Well cored Yes No Conventional Sidewall Were cuttings collected Yes No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING Spiral centralizer every joint from TD back to start of
 90 degree.
 90 - 70 degree every second joint.
 70 degree - KOP every third joint.
 KOP - Surface centralizer placed every 500'.

WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS _____

WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS _____

WERE TRACERS USED Yes No TYPE OF TRACER(S) USED _____

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API 47- 095 - 02168

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Well number Doc 6

PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)
1	11-3-2015	11409	11534	96	Marcellus
2	11-3-2015	11285	11374	72	Marcellus
3	11-3-2015	11031	11250	72	Marcellus
4	11-4-2015	10833	10996	72	Marcellus
5	11-4-2015	10627	10798	72	Marcellus
6	11-4-2015	10403	10592	72	Marcellus
7	11-4-2015	10221	10368	72	Marcellus
8	11-4-2015	10095	10186	72	Marcellus
9	11-5-2015	9957	10060	72	Marcellus
10	11-5-2015	9761	9922	72	Marcellus
11	11-5-2015	9605	9726	72	Marcellus
12	11-6-2015	9469	9570	72	Marcellus
13	11-6-2015	9289	9434	72	Marcellus
14	11-6-2015	9043	9254	72	Marcellus
15	11-6-2015	8863	9009	72	Marcellus
16	11-6-2015	8664	8818	72	Marcellus

Please insert additional pages as applicable.

STIMULATION INFORMATION PER STAGE

Complete a separate record for each stimulation stage.

Stage No.	Stimulations Date	Ave Pump Rate (BPM)	Ave Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbls)	Amount of Nitrogen/other (units)
1	11-3-2015	77	6892	5488	4619	165300	6532	N/A
2	11-3-2015	77.8	7123	7347	5002	161000	6188	N/A
3	11-3-2015	77.1	6850	6056	4516	160700	6067	N/A
4	11-4-2015	77.4	7069	5741	4815	160500	6118	N/A
5	11-4-2015	77.2	7003	5563	4866	160700	6483	N/A
6	11-4-2015	77.1	6922	6099	4500	160100	6312	N/A
7	11-4-2015	77.1	7277	6222	4716	160600	6250	N/A
8	11-4-2015	77.2	6872	5510	4701	160800	6248	N/A
9	11-5-2015	77.3	6744	5217	5212	161150	6162	N/A
10	11-5-2015	77.1	6795	5629	4818	160900	6383	N/A
11	11-5-2015	77	6754	5486	5107	160700	5910	N/A
12	11-6-2015	76.8	6597	5561	4787	160900	6153	N/A
13	11-6-2015	77.4	6515	5979	5207	161200	6134	N/A
14	11-6-2015	77	6605	6291	5122	160850	5727	N/A
15	11-6-2015	77	6749	5857	5055	161100	5692	N/A
16	11-6-2015	77.1	6831	6055	4863	161000	5669	N/A

Please insert additional pages as applicable.

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PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)
17	11-6-2015	8510	8632	72	Marcellus
18	11-7-2015	8353	8468	72	Marcellus
19	11-7-2015	8159	8290	72	Marcellus
20	11-7-2015	7959	8118	72	Marcellus
21	11-7-2015	7787	7922	72	Marcellus
22	11-7-2015	7579	7744	72	Marcellus
23	11-7-2015	7390	7548	72	Marcellus
24	11-8-2015	7211	7346	72	Marcellus

Please insert additional pages as applicable.

STIMULATION INFORMATION PER STAGE

Complete a separate record for each stimulation stage.

Stage No.	Stimulations Date	Ave Pump Rate (BPM)	Ave Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbls)	Amount of Nitrogen/other (units)
17	11-6-2015	76.9	7049	5993	5120	161100	6061	N/A
18	11-7-2015	77.1	6937	5765	4713	160700	5792	N/A
19	11-7-2015	77.3	6892	5491	5088	160450	5696	N/A
20	11-7-2015	77.2	6809	5719	4604	160850	6139	N/A
21	11-7-2015	76.8	6617	5202	5188	160200	6188	N/A
22	11-7-2015	77.1	6398	5293	4713	160150	5945	N/A
23	11-7-2015	77.8	6926	5603	3952	161600	6276	N/A
24	11-8-2015	77	6337	5930	4804	160520	6128	N/A

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PRODUCING FORMATION(S)	DEPTHS		
Marcellus	6,800'	TVD	11,551' MD

Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump

SHUT-IN PRESSURE Surface 2500 psi Bottom Hole _____ psi DURATION OF TEST 24 hrs

OPEN FLOW Gas 5000 mcfpd Oil 105 bpd NGL _____ bpd Water 528 bpd GAS MEASURED BY Estimated Orifice Pilot

LITHOLOGY/ FORMATION	TOP DEPTH IN FT NAME TVD	BOTTOM DEPTH IN FT TVD	TOP DEPTH IN FT MD	BOTTOM DEPTH IN FT MD	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H ₂ S, ETC)
See Attached	0		0		

Please insert additional pages as applicable.

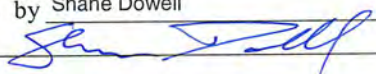
Drilling Contractor Horizontal Well Drillers
Address 2915 SH 74 South City Purcell State OK Zip 73080

Logging Company Precise Well Analysis
Address PO Box 542 City Belpre State OH Zip 45714

Cementing Company Nabors Completion & Production
Address 1650 Hackers Creek Rd. City Jane Lew State WV Zip 26378

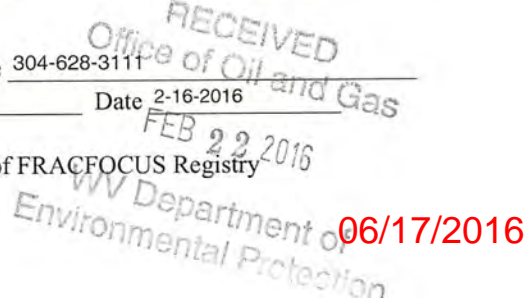
Stimulating Company CalFrac Well Services
Address 717 17th St. Suite 1445 City Denver State CO Zip 80202

Please insert additional pages as applicable.

Completed by Shane Dowell Telephone 304-628-3111
Signature  Title Office Manager Date 2-16-2016

Submittal of Hydraulic Fracturing Chemical Disclosure Information

Attach copy of FRACFOCUS Registry



Lithology

Doc 6 47-095-02168

<u>FORMATION</u>	<u>TOP</u>	<u>BOTTOM</u>
MISC. RED ROCK & SHALES	0	2132
LIME	2132	2232
INJUN	2232	2349
SHALE	2349	2696
GORDON STRAY	2696	2716
SHALE	2716	2912
GORDON	2912	2942
SHALE	2942	3221
BAYARD	3221	3230
SHALE	3230	3559
WARREN	3559	3657
SHALE	3657	3893
BALLTOWN	3893	4056
SHALE	4056	4494
2ND RILEY	4494	4602
SHALE	4602	4753
3RD RILEY	4753	4794
SHALE	4794	4851
BENSON	4851	4854
SHALE	4854	5096
ALEXANDER	5096	5267
SHALE	5267	5512
ELK	5512	5560
SHALE	5560	5924
HAMILTON	5924	6098
SHALE	6098	6754
UPPER Marcellus	6754	6760
PARCELL LIME	6760	6795
SHALE	6795	6778
LOWER MARCELLUS	6778	

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Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	11/3/2015
Job End Date:	11/8/2015
State:	West Virginia
County:	Tyler
API Number:	47-095-02168-00-00
Operator Name:	Jay-Bee Oil & Gas, Inc.
Well Name and Number:	Doc 6
Longitude:	-80.76841670
Latitude:	39.44911110
Datum:	NAD83
Federal/Tribal Well:	NO
True Vertical Depth:	6,800
Total Base Water Volume (gal):	6,272,444
Total Base Non Water Volume:	0



Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments
Water	Customer & CWS	Base Fluid & Mix Water	Water	7732-18-5	100.00000	92.02394	
Sand (Proppant), DAP-903, DAP-925, DWP-111, DWP-602, DWP-621, DWP-901, DWP-938, DWP-844, Hydrochloric Acid	CWS	Propping Agent, Scale Inhibitor, Acid Corrosion Inhibitor, Gel Slurry, Friction Reducer, Friction Reducer, Breaker, Surfactant, Microbiocide, Clean Perforations	Crystalline silica (Quartz)	14808-60-7	100.00000	7.63737	
			Hydrochloric acid	7647-01-0	37.00000	0.14242	
			Paraffinic hydrocarbon solvent	64742-47-8	30.00000	0.03530	
			2-Propenoic acid, polymer with 2-propenamide, sodium salt	25987-30-8	40.00000	0.03112	
			Distillates (petroleum), hydrotreated middle	64742-46-7	60.00000	0.02104	
			Guar gum	9000-30-0	60.00000	0.02104	
			Polyethylene glycol mixture	25322-68-3	54.50000	0.01591	
			2-Propenoic acid, polymer with sodium phosphonate	71050-62-9	60.00000	0.01162	
			Illite	12173-60-3	1.00000	0.00909	

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		Calcite	471-34-1	1.00000	0.00906
		2,2-Dibromo-3-Nitropropionamide	10222-01-2	20.00000	0.00584
		Goethite	1310-14-1	0.10000	0.00466
		Sorbitan monooleate, ethoxylated	9005-65-6	6.00000	0.00395
		Sorbitan monooleate	1338-43-8	5.00000	0.00392
		Biotite	1302-27-8	0.10000	0.00380
		Apatite	64476-38-6	0.10000	0.00380
		Ilmenite	98072-94-7	0.10000	0.00337
		Isotridecyl alcohol, ethoxylated	78330-21-9	3.00000	0.00236
		Methanol	67-56-1	60.00000	0.00209
		Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl, salts with bentonite	68953-58-2	5.00000	0.00175
		Sodium acetate	126-96-5	2.00000	0.00156
		Ammonium Persulfate	7727-54-0	100.00000	0.00144
		Sodium bromide	7647-15-6	4.00000	0.00117
		Dibromoacetonitrile	3252-43-5	3.00000	0.00088
		Oxirane, 2-methyl-, polymer with oxirane, monodecyl ether	37251-67-5	1.50000	0.00053
		Poly(Acrylamide and Adam methyl Chloride)	69418-26-4	35.00000	0.00034
		Alcohols, C9-11, ethoxylated	68439-46-3	5.00000	0.00033
		Acrylamide	79-06-1	0.10000	0.00008
		Alcohols, C12-13, ethoxylated	66455-14-9	1.00000	0.00007
		Alcohols, C14-15, ethoxylated	68951-67-7	30.00000	0.00005
		Modified thiourea polymer	68527-49-1	30.00000	0.00005
		Fatty acids, tall-oil	61790-12-3	30.00000	0.00005
		Propargyl Alcohol	107-19-7	10.00000	0.00002
		Sodium chloride	7647-14-5	1.00000	0.00001
		Ammonium chloride	12125-02-9	1.00000	0.00001
		Alkenes, C>10 a-	64743-02-8	5.00000	0.00001
		Formaldehyde	50-00-0	0.10000	0.00001

Ingredients shown above are subject to 29 CFR 1910.1200(i) and appear on Material Safety Data Sheets (MSDS). Ingredients shown below are Non-MSDS.

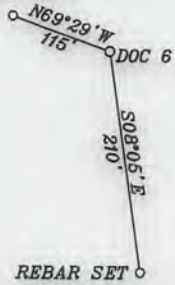
Total Water Volume Sources may include fresh water, produced water, and/or recycled water
Information is based on the maximum potential for concentration and thus the total may be over 100%

Note: For Field Development Products (products that begin with FDP), MSDS level only information has been provided.
Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS)

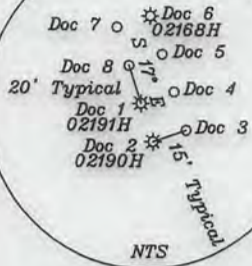
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References-Magnetic North

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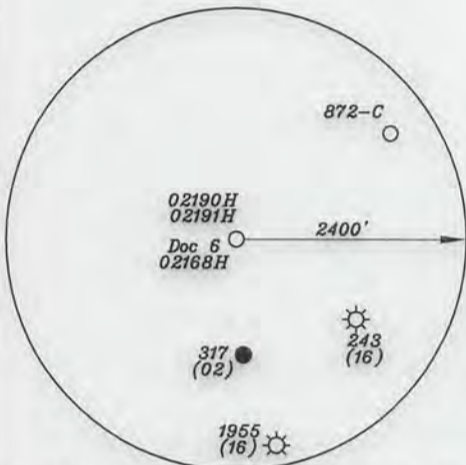
Pad Layout



NTS

- A-Straight TM. 11-15 0.88 Ac.
- B-Dotson TM. 11-5.2 1 Ac.
- C-Victory Cemetery TM. 11-30.5 2.7 Ac.
- D-Victory Cemetery TM. 11-30.4 3.76 Ac.
- E-Wilson TM. 11-17.1 0.65 Ac.
- F-Hoover TM. 11-17.2 0.25 Ac. T3048A
- G-Lancaster TM. 11-17.3 0.6 Ac. T3048A1
- H-Hoover TM. 11-17.4 1.12 Ac. T3048A

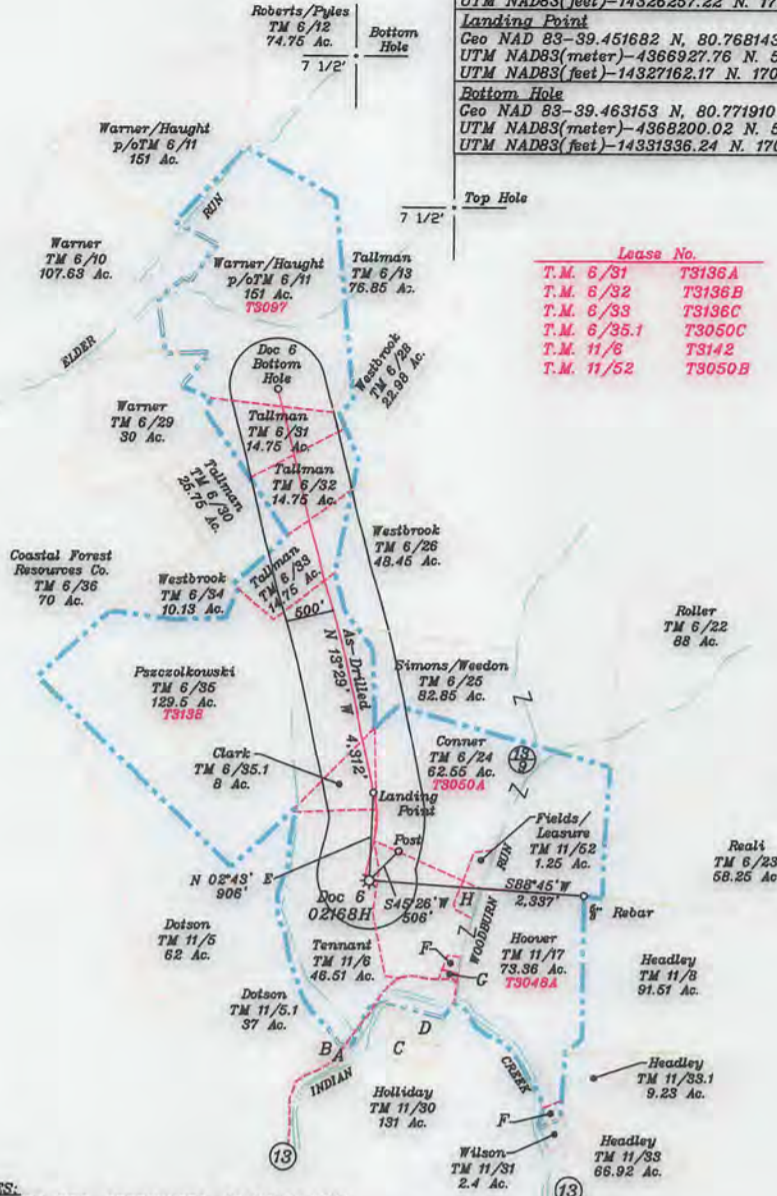
NORTH



NOTES:
 1. CORNER TIES, REFERENCES, PROPERTY LINE INFORMATION, 2400' CIRCLE AND SURFACE OWNERSHIPS WERE TAKEN FROM ERNEST J. BENCHEK III PLAT DATED FEBRUARY 21, 2014. FILE NO. 201369.
 2. WELL HEAD WAS FIELD LOCATED BY JACKSON SURVEYING USING RTK GPS AND IS BASED UPON AN OPUS SOLUTION.
 3. LEC AND BH LOCATIONS ARE BASED UPON A DRILLING REPORT BY PANTHER DRILLING SYSTEMS DATED 12-11-14 WITH JOB NUMBER NE140039H.

Top Hole	Geo NAD 83-39.449196 N, 80.768249 W
	UTM NAD83(meter)-4366651.94 N, 519940.20 E
	UTM NAD83(feet)-14326257.22 N, 1705837.13 E
Landing Point	Geo NAD 83-39.451682 N, 80.768143 W
	UTM NAD83(meter)-4366927.76 N, 519948.68 E
	UTM NAD83(feet)-14327162.17 N, 1705864.96 E
Bottom Hole	Geo NAD 83-39.463153 N, 80.771910 W
	UTM NAD83(meter)-4368200.02 N, 519621.28 E
	UTM NAD83(feet)-14331336.24 N, 1704790.81 E

Lease No.	
T.M. 6/31	T3136A
T.M. 6/32	T3136B
T.M. 6/33	T3136C
T.M. 6/35.1	T3050C
T.M. 11/8	T3142
T.M. 11/52	T3050B



LONGITUDE 80-45-00 W Bottom Hole 1,756' Top Hole 3,328'

(+) 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. _____ L.L.S. 708



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

DATE January 5, 2016
 OPERATOR'S WELL NO. Doc 6
 API WELL NO. As Drilled

WELL TYPE: OIL GAS LIQUID INJECTION X WASTE DISPOSAL _____ STATE COUNTY PERMIT
 (IF "GAS") PRODUCTION X STORAGE _____ DEEP _____ SHALLOW X

LOCATION: ELEVATION 1,036.6' WATER SHED Indian Creek of Middle Island Creek
 DISTRICT McElroy COUNTY Tyler
 QUADRANGLE Shirley 7 1/2'

SURFACE OWNER W.A. & Ida Gaston (1/2) & Stanley H. Tustin (1/2) ACREAGE 46.51± ac.
 OIL & GAS ROYALTY OWNER _____ LEASE ACREAGE _____

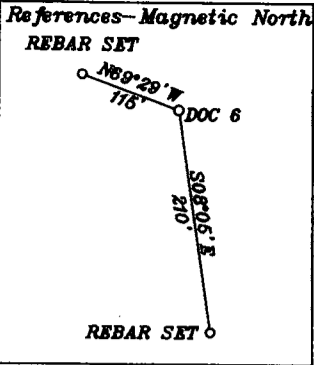
PROPOSED WORK: DRILL _____ CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE _____ PLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As Drilled

PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
 TARGET FORMATION Marcellus ESTIMATED DEPTH TVD=6,805' TMD=11,551'
 WELL OPERATOR Jay-Bee Oil & Gas, Inc. DESIGNATED AGENT Randy Broda
 ADDRESS 1720 Route 22 E, Union, NJ 07083 ADDRESS 3570 Shields Hill Rd., Cairo, WV 26337

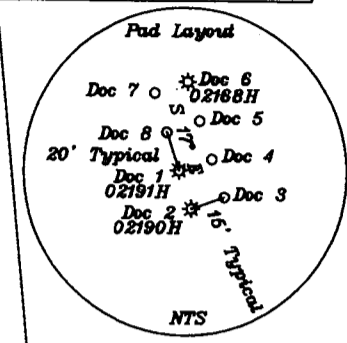
06/17/2016

Top Hole 5,153'
Bottom Hole 6,187'

LATITUDE 39-27-30 N

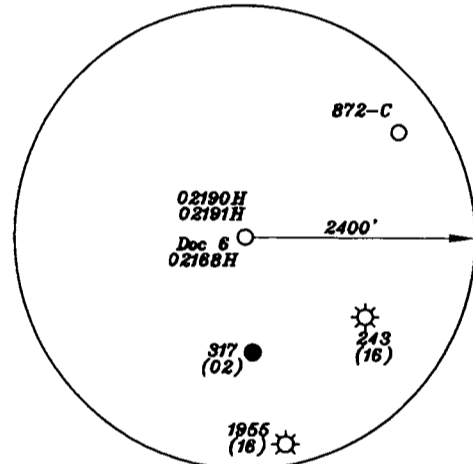


Top Hole	Geo NAD 83-39.449196 N, 80.788249 W
	UTM NAD83(meter)-4386651.94 N, 519940.20 E
	UTM NAD83(feet)-14326257.22 N, 1706837.13 E
Landing Point	Geo NAD 83-39.451682 N, 80.788143 W
	UTM NAD83(meter)-4386927.76 N, 519948.69 E
	UTM NAD83(feet)-14327162.17 N, 1705864.96 E
Bottom Hole	Geo NAD 83-39.463163 N, 80.771910 W
	UTM NAD83(meter)-4388200.02 N, 519621.28 E
	UTM NAD83(feet)-14331336.24 N, 1704790.81 E



- A—Straight TM 11-15 0.88 Ac.
- B—Dotson TM 11-5.2 1 Ac.
- C—Victory Cemetery TM 11-30.5 2.7 Ac.
- D—Victory Cemetery TM 11-30.4 3.76 Ac.
- E—Wilson TM 11-17.1 0.85 Ac.
- F—Hoover TM 11-17.2 0.25 Ac. T3048A
- G—Lancaster TM 11-17.3 0.6 Ac. T3048A
- H—Hoover TM 11-17.4 1.12 Ac. T3048A

NORTH



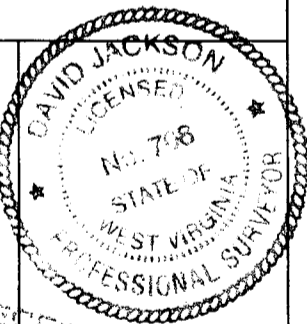
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2. WELL HEAD WAS FIELD LOCATED BY JACKSON SURVEYING USING RTK GPS AND IS BASED UPON AN OPUS SOLUTION.
3. LEC AND BH LOCATIONS ARE BASED UPON A DRILLING REPORT BY PANTHER DRILLING SYSTEMS DATED 12-11-14 WITH JOB NUMBER NH400S9E.

(+) 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. _____ L.I.S. 708



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

DATE January 31, 2016
OPERATOR'S WELL NO. Doc 6
API WELL NO. FEB 22 2016
As Drilled

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

LOCATION: ELEVATION 1,036.6' WATER SHED Indian Creek of Middle Island Creek
DISTRICT McElroy COUNTY Tyler
QUADRANGLE Shirley 7 1/2'

SURFACE OWNER W.A. & Ida Gaston (1/2) & Stanley H. Tustin (1/2) ACREAGE 46.51± ac.
OIL & GAS ROYALTY OWNER _____ LEASE ACREAGE _____

LEASE NO. _____

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

PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
TARGET FORMATION Marcellus ESTIMATED DEPTH TVD=6,805' TMD=11,551'
WELL OPERATOR Jay-Bee Oil & Gas, Inc. DESIGNATED AGENT Randy Broda
ADDRESS 1720 Route 22 E, Union, NJ 07083 ADDRESS 3570 Shields Hill Rd., Cairo, WV 26337

06/17/2016

LONGITUDE 80-45-00 W Bottom Hole 1,756'
Top Hole 3,328'