



Commonwealth of Virginia
 Department of Mines, Minerals, and Energy
 Division of Gas and Oil
 P.O. Box 1416; Abingdon, VA 24212
 Telephone: (276) 676-5423

Tracking Number: 105
 Company: Equitable Production Company
 File Number: RU-0402
 Operations Name: VC-536179 W/PL
 Operation Type: Coalbed/Pipeline
 Drilling Report Type: Original

DRILLING REPORT (DGO-GO-14)

1. Drilling Data

Date drilling commenced: 6/5/2006 Drilling Contractor: GASCO
 Date drilling completed: 6/8/2006 Rig Type: Rotary Cable Tool
 Driller's Total Depth (feet): 2,760
 Log Total Depth (feet): 2,769 Coal Seam At Total Depth PENN COAL

2. Final Location Plat (as required by 4 VAC25-150-360.C.)

Permitted State Plane X 946,911 Final Plat State Plane X: 946,911
 Permitted State Plane Y: 276,186 Final Plat State Plane Y: 276,187

Plat Previously Submitted Or...

List of Attached Items:

Description	FileName
536179	536179 Final Plat.pdf

3. Geological Data

Fresh Water At:

Depth (in feet)	Rate	Unit of Measure
1,920	1/4	INCH

Salt Water At:

Depth (in feet)	Rate	Unit of Measure
2,570	2 1/2	INCH

Coal Seams

List of Attached Items:

Description	FileName
536179	536179 Coal Seams.jpg

Gas and Oil Shows

List of Attached Items:

Description	FileName
536179	536179 Gas and Oil Shows.jpg

4. Electric Logs (As required by 4VAC25-150-280.A.)

List all logs run: GR/Density/Temp/Induction/Neutron

Did logs disclose vertical locations of a coal seam? Yes No

5. Survey Results (As required by 4VAC25-150-280.B.2)

List of Attached Items:

Description	FileName
536179	536179 Survey Results.jpg

6. Casing and Tubing Program

List of Attached Items:

Description	FileName
536179	536179 Casing and Tubing.jpg

7. Remarks

Use this space to note any conditions or occurrences, such as lost circulation, fishing jobs, junk left in hole, sidetracks, squeeze jobs, etc., not shown above. Include data and depth of condition/occurrence.

Cement Baskets: 80

8. Drillers Log

Compiled By: Todd Tetrick

List of Attached Items:

Description	FileName
536179	536179 Drillers Log.pdf

9. Comments

10. Signature

Permitee: Equitable Production Company Date: 1/9/2007 (Company)

Signed By: TODD TETRICK Title: MANAGER (Signature)

INTERNAL USE ONLY

Submit Date: 1/9/2007

Status: Inspr Approved

Date: 2/23/2007

Final PDF Date: 2/26/2007

7,380'

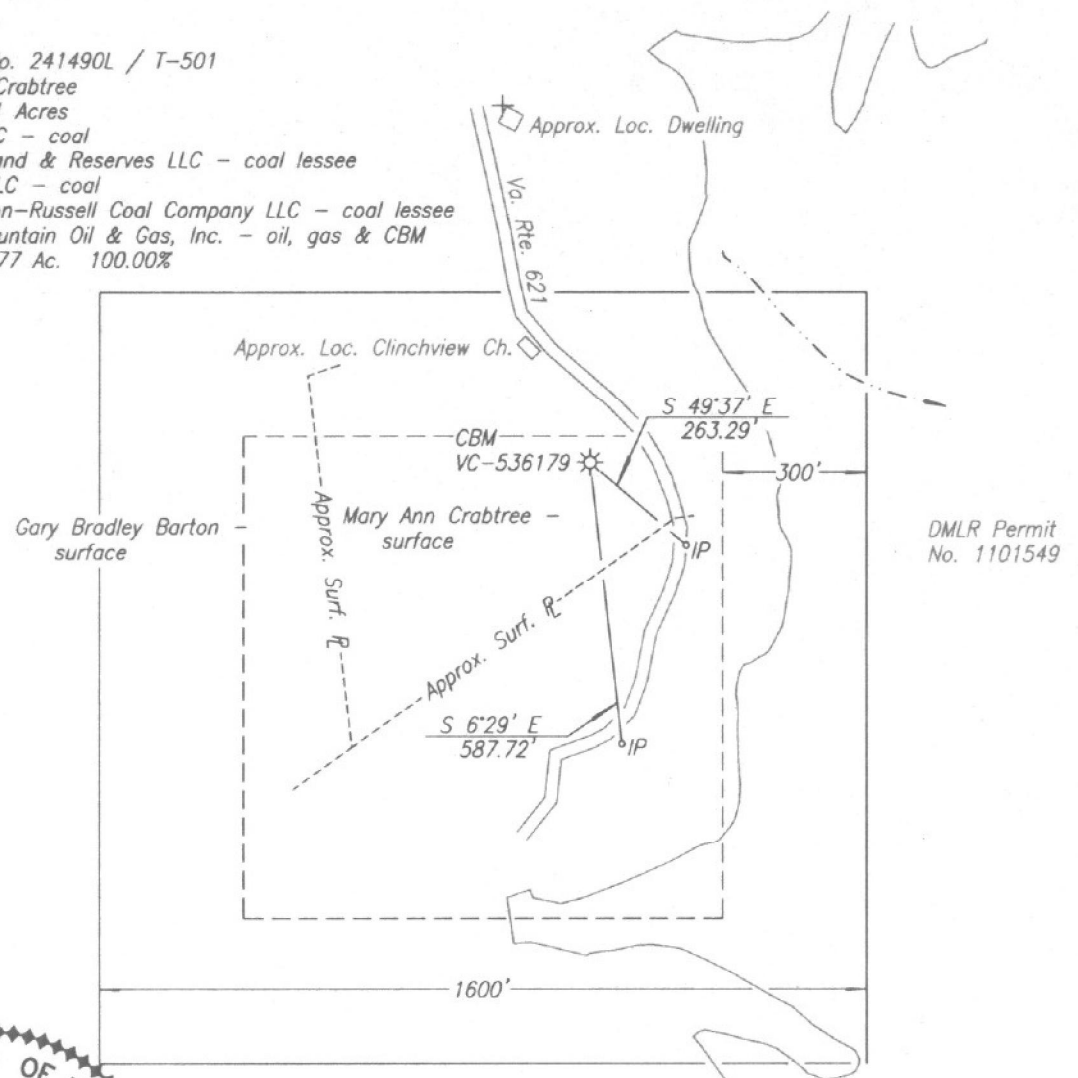
Latitude 37° 02' 30"

1,850'

Longitude 82° 05' 00"

Well Coordinates: (Geographic N27)
37.036634° -82.108729°

Lease No. 241490L / T-501
William Crabtree
1,167.41 Acres
ACIN LLC - coal
Alpha Land & Reserves LLC - coal lessee
WBRD LLC - coal
Dickenson-Russell Coal Company LLC - coal lessee
Pine Mountain Oil & Gas, Inc. - oil, gas & CBM
Gas 58.77 Ac. 100.00%



FINAL PLAT

The undersigned hereby certifies that the final location is within ten (10') feet of the location shown on the well plat dated 3-30-2006.

Area of Unit = 58.77 Ac.

Well Coordinates: (VA St. Plane S. Zone, Calculated from CCC coordinates)
N 276,187 E 946,911

Well Coordinates: (Clinchfield Coal Co.)
S 23,053.47 E 80,122.88

Well elevation determined by GPS survey from BM Y 109

WELL LOCATION PLAT

COMPANY Equitable Production Company WELL NAME AND NUMBER VC-536179
 TRACT NO. T-501 ELEVATION 2,553.48' QUADRANGLE Big A Mtn.
 COUNTY Russell DISTRICT New Garden SCALE 1" = 400' DATE 6-06-2006

This Plat is a new plat ; an updated plat ; or a final location plat

+ Denotes the location of a well on United States topographic Maps, scale 1 to 24,000, latitude and longitude lines being represented by border lines as shown.

James E. Halsey
Licensed Professional Engineer or Licensed Land Surveyor

Coal Seams & Open Mines

<u>Type</u>	<u>From</u>
Coal	87'-88',158'-59',259'-60',447'-48',561'-62',666'-67',
Coal	784'-85',948'-51',1300'-01',1390'-91',1684'-87',
Coal	1778'-80',1880'-82',1848'-50',2000'-01',2087'-88'
Coal	2205'-06',2305'-07',2410'-12',2595'-96',2605'-06',2675'-76'

Gas and Oil Shows

Gas Tests

<u>Depth</u>	<u>Remarks</u>
196	No Show
354	No Show
604	No Show
792	No Show
1,011	No Show
1,199	No Show
1,418	No Show
1,607	No Show
1,795	No Show
2,014	No Show
2,192	No Show
2,417	No Show
2,598	No Show
2,760	No Show

Survey Results

<u>Depth</u>	<u>Direction/Distance/Degrees From True Vertical</u>
196	1/4
354	1/4
604	1/4
1,011	1/2
1,199	1/4
1,418	1/4
1,607	1/4
1,795	1/4
2,014	1/2
2,192	1/4
2,417	1/2
2,598	1/4
2,760	1/4

Casing Data

Casing Outside Diameter	Casing Interval	Hole Size	Cement used in Cu. ft.	Cmtd To Surface	Date Cemented	Cement Baskets
12 3/4	0- 22	15				
8 5/8	0- 326	12 1/4	186.44	✓	06/05/2006	80
4 1/2	0- 2710	6 1/2	530.40	✓	06/07/2006	

Tubing Size2 3/8
3/8**Footage**2,549.30
2,557'

Drillers Log

Permit: 7299

Well: VCS36179

<u>Formation Name</u>	<u>Depth Top</u>	<u>Depth Bottom</u>	<u>Formation Thickness</u>
Ailv	683.00	685.30	2.30
sand & shale	685.30	760.00	74.70
Raven	760.00	768.20	8.20
sand & shale	768.20	933.00	164.80
Jawbone Rider	933.00	936.80	3.80
sand & shale	936.80	1,016.00	79.20
Jawbone	1,016.00	1,022.40	6.40
sand & shale	1,022.40	1,170.50	148.10
Tiller	1,170.50	1,171.60	1.10
sand & shale	1,171.60	1,225.50	53.90
Upper Seaboard	1,225.50	1,228.10	2.60
sand & shale	1,228.10	1,390.50	162.40
Greasy Creek	1,390.50	1,393.10	2.60
sand & shale	1,393.10	1,502.00	108.90
Middle Seaboard	1,502.00	1,503.30	1.30
sand & shale	1,503.30	1,569.00	65.70
Lower Seaboard	1,569.00	1,570.80	1.80
sand & shale	1,570.80	1,642.00	71.20
Unnamed A	1,642.00	1,643.70	1.70
sand & shale	1,643.70	1,647.50	3.80
Unnamed B	1,647.50	1,649.00	1.50
sand & shale	1,649.00	1,695.00	46.00
Upper Horsemen	1,695.00	1,698.50	3.50
sand & shale	1,698.50	1,764.00	65.50
Middle Horsemen	1,764.00	1,765.70	1.70
sand & shale	1,765.70	1,868.50	102.80
C Seam Rider	1,868.50	1,872.00	3.50
sand & shale	1,872.00	1,899.00	27.00
War Creek	1,899.00	1,900.60	1.60
sand & shale	1,900.60	1,955.50	54.90
Unnamed C	1,955.50	1,956.50	1.00
sand & shale	1,956.50	1,973.00	16.50
Becklev	1,973.00	1,978.30	5.30
sand & shale	1,978.30	2,035.00	56.70
Lower Horsemen	2,035.00	2,036.30	1.30
sand & shale	2,036.30	2,059.00	22.70
X Seam Rider	2,059.00	2,059.90	0.90
sand & shale	2,059.90	2,093.50	33.60
X Seam	2,093.50	2,095.80	2.30
sand & shale	2,095.80	2,174.00	78.20
Pocahontas #9	2,174.00	2,176.00	2.00
sand & shale	2,176.00	2,352.50	176.50
Pocahontas #6 Rider	2,352.50	2,354.50	2.00
sand & shale	2,354.50	2,440.00	85.50
Pocahontas #6	2,440.00	2,444.20	4.20
sand & shale	2,444.20	2,477.50	33.30
Pocahontas #5 Rider	2,477.50	2,478.90	1.40
sand & shale	2,478.90	2,499.50	20.60
Pocahontas #5	2,499.50	2,500.90	1.40
sand & shale	2,500.90	2,685.00	184.10
Pocahontas #3	2,685.00	2,685.90	0.90
sand & shale	2,685.90	2,770.00	84.10
Pocahontas #2	2,770.00	2,771.90	1.90
sand & shale	2,771.90	2,769.00	0.00

Total Depth of Well: 2,760.00

Permitee: EQUITABLE PRODUCTION COMPANY (Company)

By:  (Signature)

12/20/06