



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: 157
 Company: Equitable Production Company
 File Number: DI-1595
 Operations Name: VC-504513 W/PL
 Operation Type: Coalbed/Pipeline
 Drilling Report Type: Original

DRILLING REPORT (DGO-GO-14)

1. Drilling Data

Date drilling commenced: 10/3/2006 Drilling Contractor: Gasco
 Date drilling completed: 10/10/2006 Rig Type: Rotary Cable Tool
 Driller's Total Depth (feet): 3,095
 Log Total Depth (feet): 3,093 Coal Seam At Total Depth POCAHONTAS #2

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

Permitted State Plane X 901,324 Final Plat State Plane X: 901,324
 Permitted State Plane Y: 269,023 Final Plat State Plane Y: 269,021

Plat Previously Submitted Or...

List of Attached Items:

Description	FileName
final plat 504513	VC-504513a final plat.tif

3. Geological Data

Fresh Water At:

Depth (in feet)	Rate	Unit of Measure

Salt Water At:

Depth (in feet)	Rate	Unit of Measure

Coal Seams

List of Attached Items:

Description	FileName
coal seams 504513	Coal Seams.doc

Gas and Oil Shows

List of Attached Items:

Description	FileName
gas shows 504513	Gas and Oil Shows.doc

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

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

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
surveys 504513	Survey Results.doc

6. Casing and Tubing Program

List of Attached Items:

Description	FileName
csg 504513	Casing Data.doc
tbg 504513	Tubing Size.doc

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.

8. Drillers Log

Compiled By: _____

List of Attached Items:

Description	FileName
driller's log 504513	Drillers Log.doc

9. Comments

10. Signature

Permitee: Equitable Production Company Date: 4/2/2007 (Company)

Signed By: L. Todd Tetrick Title: Director of Drilling (Signature)

INTERNAL USE ONLY

Submit Date: 4/2/2007

Status: Inspr Approved

Date: 4/6/2007

Final PDF Date: 4/9/2007

4,035'

Well Coordinates: (Geographic N27)
37.012076° -82.263804°

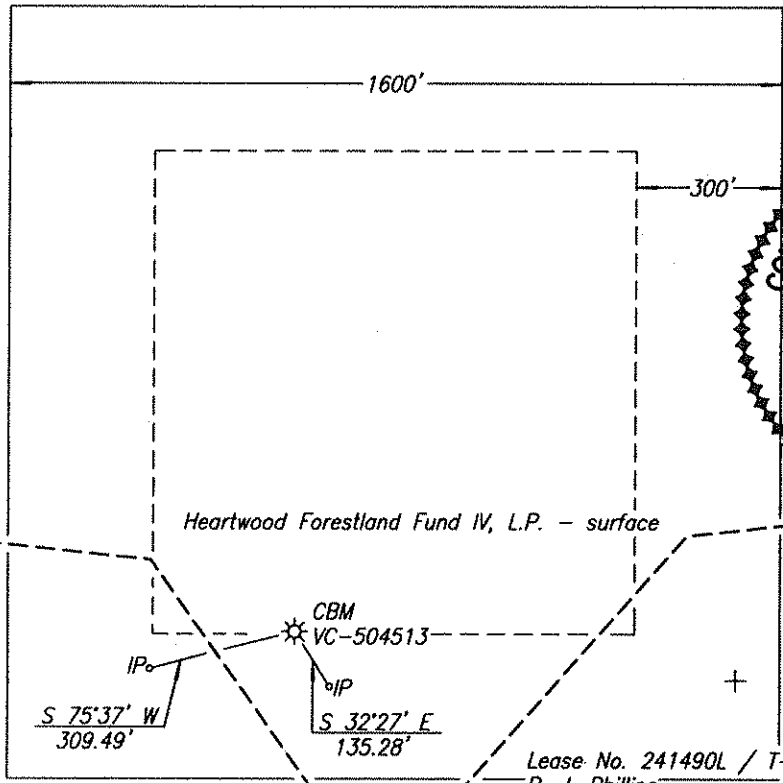
Latitude 37° 02' 30"

Lease No. 241490L / T-74
E.W. Kiser
539.53 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 49.07 Ac. 83.50%

Longitude 82° 15' 00"

10,770'

Lease No. 241490L / T-26
J. Counts
84.36 Acres
Heartwood Forestland Fund IV, L.P. - surface
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 4.85 Ac. 8.25%



Lease No. 241490L / T-104
R. J. Phillips
76.96 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 4.85 Ac. 8.25%

The undersigned hereby certifies that the final location is within ten (10') feet of the location shown on the well plat dated 6-05-2006.

FINAL PLAT

Well Coordinates: (VA St. Plane S. Zone, Calculated from CCC coordinates)
N 269,021 E 901,324

Well elevation determined by GPS survey from BM Y 108

Area of Unit = 58.77 Ac.

Well Coordinates: (Clinchfield Coal Co.)
S 31,994.68 E 34,893.51

WELL LOCATION PLAT

COMPANY Equitable Production Company WELL NAME AND NUMBER VC-504513
TRACT NO. T-74 ELEVATION 2,738.21' QUADRANGLE Nora
COUNTY Dickenson DISTRICT Ervinton SCALE 1" = 400' DATE 10-09-2006

This Plat is a new plat ; an updated plat ; or a final location plat x
+ 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	45'-46',516'-17',615'-19',635'-36',854'-55',1010'-11',
Coal	1285'-86',1740'-41',1986'-87',2049'-50',2168'-69',
Coal	2223'-24',2393'-94',2620'-21',2801'-02',2930'-31'

Gas and Oil Shows

Gas Tests

<u>Depth</u>	<u>Remarks</u>
200	No Show
400	No Show
600	No Show
800	No Show
1,000	No Show
1,200	No Show
1,400	No Show
1,600	No Show
1,800	No Show
2,000	No Show
2,200	No Show
2,400	No Show
2,600	No Show
2,800	No Show
3,000	No Show
3,095	No Show

**Survey
Results**

<u>Depth</u>	<u>Direction/Distance/Degrees From True Vertical</u>
200	1/4
400	1/4
600	1/4
800	1/4
1,000	1/4
1,200	1/4
1,400	1/4
1,600	1/4
1,800	1/4
2,000	1/4
2,200	1/2
2,400	1/2
2,600	1/2
2,800	1/2
3,000	1/2
3,095	1/2

Casing Data

Casing Outside Diameter	Casing Interval	Hole Size	Cement used in Cu. ft.	Cmtd To Surface	Date Cemented Cement Baskets
12 3/4	22	15			
9 5/8	667	12 1/4	330.40	10/04/2006	491.15' & 579
4 1/2	3052	6 1/2	721.00	10/10/2006	

<u>Tubing</u> <u>Size</u>	<u>Footage</u>
2 3/8	2,991.05
5/8"	2990.55

Drillers
Log

<u>Formation Name</u>	<u>Depth Top</u>	<u>Depth Bottom</u>	<u>Formation Thickness</u>
Aily	1,023.50	1,025.67	2.17
sand & shale	1,025.67	1,121.00	95.33
Raven	1,121.00	1,123.50	2.50
sand & shale	1,123.50	1,273.00	149.50
Jawbone	1,273.00	1,280.67	7.67
Rider	1,280.67	1,424.00	143.33
sand & shale	1,424.00	1,426.00	2.00
Tiller	1,426.00	1,545.50	119.50
sand & shale	1,545.50	1,547.00	1.50
Upper Seaboard A	1,547.00	1,577.00	30.00
sand & shale	1,577.00	1,578.00	1.00
Upper Seaboard	1,578.00	1,735.00	157.00
sand & shale	1,735.00	1,736.67	1.67
Greasy Creek	1,736.67	1,832.00	95.33
sand & shale	1,832.00	1,833.67	1.67
Middle Seaboard	1,833.67	1,881.50	47.83
sand & shale	1,881.50	1,883.67	2.17
Lower Seaboard	1,883.67	1,935.80	52.13
sand & shale	1,935.80	1,936.80	1.00
Unnamed A	1,936.80	1,998.00	61.20
sand & shale	1,998.00	2,000.17	2.17
Upper Horsepen	2,000.17	2,051.50	51.33
sand & shale	2,051.50	2,053.50	2.00
Middle Horsepen	2,053.50	2,164.50	111.00
sand & shale	2,164.50	2,168.75	4.25
War Creek	2,168.75	2,219.00	50.25
sand & shale	2,219.00	2,219.50	0.50
Unnamed C	2,219.50	2,245.00	25.50
sand & shale	2,245.00	2,246.17	1.17
Beckley	2,246.17	2,296.50	50.33
sand & shale	2,296.50	2,299.00	2.50
Lower Horsepen	2,299.00	2,345.00	46.00
sand & shale	2,345.00	2,345.00	0.00
X Seam Rider	2,345.00	2,374.50	29.50
sand & shale	2,374.50	2,375.25	0.75
X Seam	2,375.25	2,708.00	332.75
sand & shale	2,708.00	2,708.00	0.00
Pocahontas #5	2,708.00	2,802.00	94.00
sand & shale			

Pocahontas #3	2,802.00	2,804.83	2.83
sand & shale	2,804.83	2,909.50	104.67
Pocahontas #2	2,909.50	2,911.00	1.50
sand & shale	2,911.00	3,095.00	184.00