



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: 135
 Company: Equitable Production Company
 File Number: RU-0271
 Operations Name: VC-504532 W/PL
 Operation Type: Coalbed/Pipeline
 Drilling Report Type: Original

DRILLING REPORT (DGO-GO-14)

1. Drilling Data

Date drilling commenced: 10/26/2006 Drilling Contractor: Gasco
 Date drilling completed: 10/28/2006 Rig Type: Rotary Cable Tool
 Driller's Total Depth (feet): 2,393
 Log Total Depth (feet): 2,398 Coal Seam At Total Depth POCAHONTAS #1

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

Permitted State Plane X 892,727 Final Plat State Plane X: 892,728
 Permitted State Plane Y: 250,641 Final Plat State Plane Y: 250,642

Plat Previously Submitted Or...

List of Attached Items:

Description	FileName
final plat 504532	VC-504532 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	Coal Seams.doc

Gas and Oil Shows

List of Attached Items:

Description	FileName
gas shows 504532	Gas and Oil Shows.doc

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
surveys 504532	Survey Results.doc

6. Casing and Tubing Program

List of Attached Items:

Description	FileName
csg 504532	Casing Data.doc
tbg 504532	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
formation 504532	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: 4/3/2007

Final PDF Date: 4/3/2007

11,885'

Well Coordinates: (Geographic N27)
36.960691° -82.290696°

Latitude 37° 00' 00"

DMLR Permit
No. 1101836

Longitude 82° 15' 00"

DMLR Permit
No. 1101836

1600'

300'

N 5°24' E
260.40'

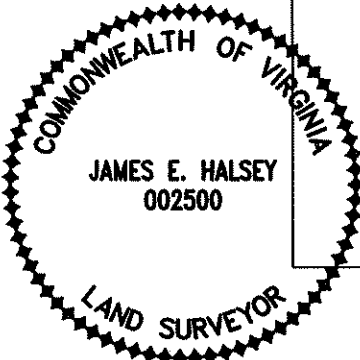
S 37°54' E
382.94'

IP

CBM
VC-504532

IP

DMLR Permit
No. 1101836



Lease No. 241490L / T-525
Dawson
6,000 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 58.77 Ac. 100.00%

The undersigned hereby certifies
that the final location is within ten
(10') feet of the location shown
on the well plat dated 8-09-2006.

Well Coordinates: (VA St. Plane S. Zone,
Calculated from CCC coordinates)
N 250,642 E 892,728.

Well Coordinates: (Clinchfield Coal Co.)
S 50,703.99 E 27,050.22

FINAL PLAT

Well elevation determined by GPS
survey from BM F 109

Area of Unit = 58.77 Ac.

WELL LOCATION PLAT

COMPANY Equitable Production Company WELL NAME AND NUMBER VC-504532
TRACT NO. T-525 ELEVATION 2,091.25' QUADRANGLE St. Paul
COUNTY Russell DISTRICT Castlewood SCALE 1" = 400' DATE 10-30-2006

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	152'-53',230'-31',270'-71',450'-51',480'-83',593'-94',
Coal	612'-13',765'-66',973'-74',1072'-73',1240'-41',
Coal	1400'-02',1520'-21',1550'-51',1577'-78',2109'-10',
Coal	2179'-80'

Gas and Oil Shows

Gas Tests

<u>Depth</u>	<u>Remarks</u>
194	No Show
382	No Show
483	No Show
664	No Show
853	No Show
1,042	No Show
1,231	No Show
1,402	No Show
1,608	No Show
1,830	No Show
2,019	No Show
2,206	No Show
2,392	TSTM

Survey Results

<u>Depth</u>	<u>Direction/Distance/Degrees From True Vertical</u>
194	1/4
382	1/4
483	1/4
664	1/4
853	1/4
1,042	1/4
1,231	1/4
1,402	1/4
1,608	1/4
1,830	1/4
2,019	1/4
2,206	1/4
2,392	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	21	15			
7	315	8 7/8	88.50	10/26/2006	88
4 1/2	2368	6 1/2	402.90	10/28/2006	

<u>Tubing</u> <u>Size</u>	<u>Footage</u>
2 3/8	2,310.05
5/8" rod	2318.45

Drillers
Log

<u>Formation Name</u>	<u>Depth Top</u>	<u>Depth Bottom</u>	<u>Formation Thickness</u>
Jawbone Rider	443.00	444.50	1.50
sand & shale	444.50	476.00	31.50
Jawbone	476.00	477.50	1.50
sand & shale	477.50	561.00	83.50
Tiller	561.00	564.80	3.80
sand & shale	564.80	734.30	169.50
Upper Seaboard A	734.30	735.60	1.30
sand & shale	735.60	768.50	32.90
Upper Seaboard	768.50	769.80	1.30
sand & shale	769.80	939.50	169.70
Greasy Creek	939.50	940.30	0.80
sand & shale	940.30	1,070.50	130.20
Middle Seaboard	1,070.50	1,072.80	2.30
sand & shale	1,072.80	1,128.50	55.70
Lower Seaboard	1,128.50	1,131.00	2.50
sand & shale	1,131.00	1,170.00	39.00
Unnamed A	1,170.00	1,170.80	0.80
sand & shale	1,170.80	1,226.00	55.20
Unnamed B	1,226.00	1,226.00	0.00
sand & shale	1,226.00	1,241.50	15.50
Upper Horsepen	1,241.50	1,243.00	1.50
sand & shale	1,243.00	1,266.00	23.00
Middle Horsepen	1,266.00	1,268.20	2.20
sand & shale	1,268.20	1,400.00	131.80
C Seam	1,400.00	1,401.50	1.50
sand & shale	1,401.50	1,419.00	17.50
War Creek	1,419.00	1,420.80	1.80
sand & shale	1,420.80	1,451.00	30.20
Unnamed C	1,451.00	1,453.00	2.00
sand & shale	1,453.00	1,494.00	41.00
Beckley	1,494.00	1,495.80	1.80
sand & shale	1,495.80	1,580.50	84.70
Lower Horsepen	1,580.50	1,583.00	2.50
sand & shale	1,583.00	1,636.50	53.50
X Seam Rider	1,636.50	1,636.80	0.30
sand & shale	1,636.80	1,666.00	29.20
X Seam	1,666.00	1,666.80	0.80
sand & shale	1,666.80	1,699.50	32.70

Pocahontas #9	1,699.50	1,699.90	0.40
sand & shale	1,699.90	1,758.00	58.10
Pocahontas #8	1,758.00	1,758.30	0.30
sand & shale	1,758.30	1,998.50	240.20
Pocahontas #6	1,998.50	1,999.50	1.00
sand & shale	1,999.50	2,092.00	92.50
Pocahontas #5	2,092.00	2,097.50	5.50
sand & shale	2,097.50	2,123.50	26.00
Pocahontas #4	2,123.50	2,124.50	1.00
sand & shale	2,124.50	2,202.50	78.00
Pocahontas #3	2,202.50	2,203.50	1.00
sand & shale	2,203.50	2,257.50	54.00
Pocahontas #2	2,257.50	2,262.00	4.50
sand & shale	2,262.00	2,274.00	12.00
Pocahontas #1	2,274.00	2,274.00	0.00
sand & shale	2,274.00	2,398.00	124.00