



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: 363
 Company: Equitable Production Company
 File Number: RU-0335
 Operations Name: VC-536696 W/PL
 Operation Type: Coalbed/Pipeline
 Drilling Report Type: Original

DRILLING REPORT (DGO-GO-14)

1. Drilling Data

Date drilling commenced: 11/29/2006 Drilling Contractor: Gasco
 Date drilling completed: 12/3/2006 Rig Type: Rotary Cable Tool
 Driller's Total Depth (feet): 2,859
 Log Total Depth (feet): 2,869 Coal Seam At Total Depth POCAHONTAS #1

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

Permitted State Plane X 896,452 Final Plat State Plane X: 896,454
 Permitted State Plane Y: 254,350 Final Plat State Plane Y: 254,353

Plat Previously Submitted Or...

List of Attached Items:

Description	FileName
Final Plat 536696	VC-536696 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 536696	Coal Seams.doc

Gas and Oil Shows

List of Attached Items:

Description	FileName
Gas & Oil Shows 536696	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
Survey Results 536696	Survey Results.doc

6. Casing and Tubing Program

List of Attached Items:

Description	FileName
Csg 536696	Casing Data.doc
Tbg 536696	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
Drillers Log 536696	Drillers Log.doc

9. Comments

10. Signature

Permitee: Equitable Production Company Date: 6/4/2007 (Company)

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

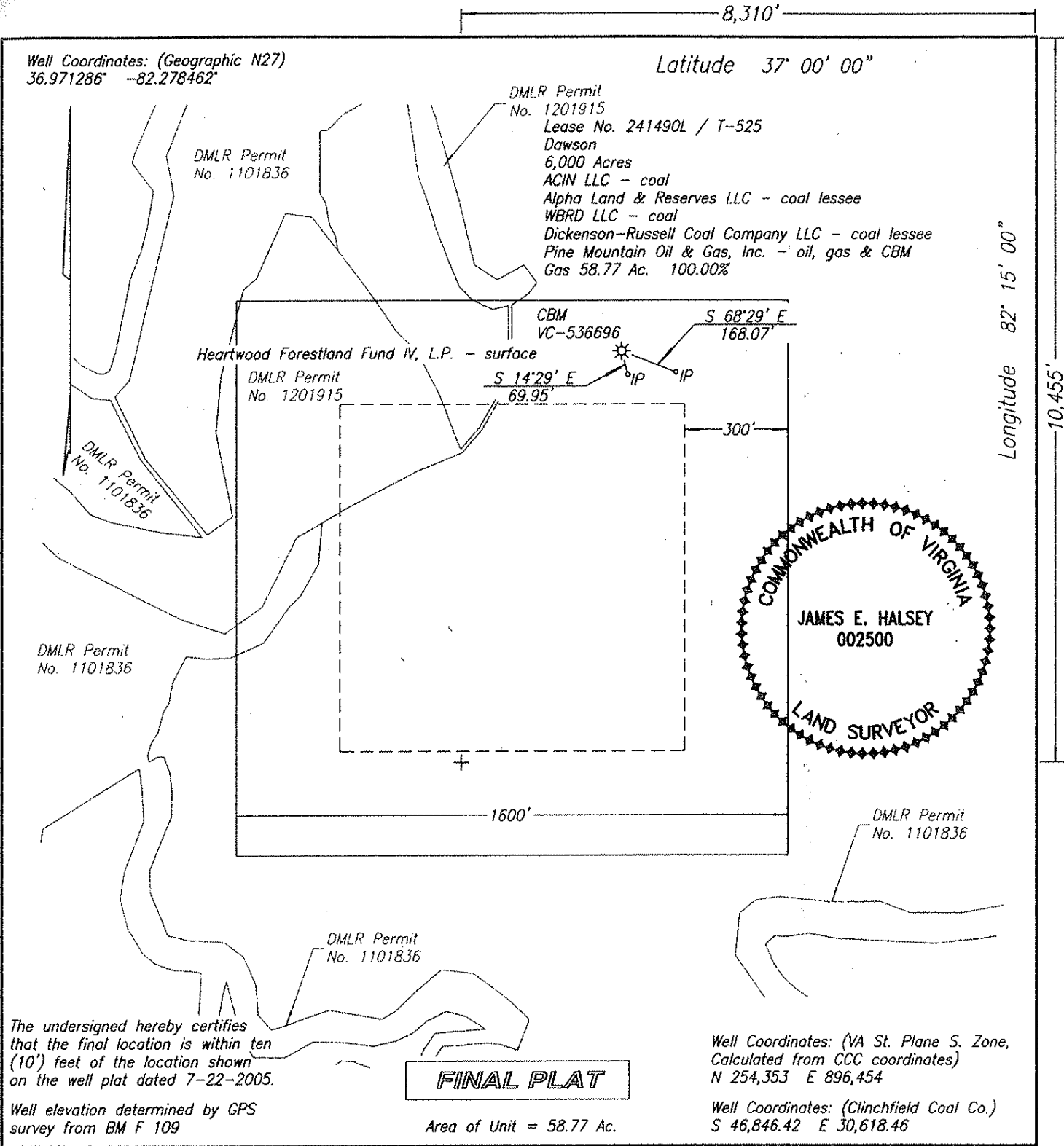
INTERNAL USE ONLY

Submit Date: 6/4/2007

Status: Inspr Approved

Date: 6/11/2007

Final PDF Date: 7/3/2007



WELL LOCATION PLAT

COMPANY Equitable Production Company WELL NAME AND NUMBER VC-536696
 TRACT NO. T-525 ELEVATION 2,527.55' QUADRANGLE St. Paul
 COUNTY Russell DISTRICT Castlewood SCALE 1" = 400' DATE 12-01-2005

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.

~~Licensed Professional Engineer or Licensed Land Surveyor~~

Coal Seams & Open Mines
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Type

Coal

Coal

Coal

From

680'-81',970'-71',1215'-
16',1633'-34',1694'-95'

1707'-08',1848'-49',1871'-
72',1933'-34',1976'-77'

2035'-38',2558'-59',2620'-
21',2670'-71'

Gas and Oil Shows

Gas Tests

<u>Depth</u>	<u>Remarks</u>
	No Show
350	No Show
568	No Show
725	No Show
913	No Show
1,132	No Show
1,330	No Show
1,540	No Show
2,233	No Show
2,420	No Show
2,708	No Show
2,850	No Show

**Survey
Results**

<u>Depth</u>	<u>Direction/Distance/Degrees From True Vertical</u>
194	1/4
350	1/4
568	1/4
725	1/4
913	1/4
1,132	1/4
1,330	1/4
1,540	1/4
2,233	1/4
2,420	1/4
2,708	1/4
2,850	1/2

Casing Data

Casing Outside Diameter	Casing Interval	Hole Size	Cement used in Cu. ft.	Date Cemented	
				Cmtd To Surface	Cement Baskets
12 3/4	21	15			
7	315	8 7/8	106.20	11/29/2006	94
4 1/2	2809	6 1/2	487.05	12/03/2006	

Tubing Size

2 3/8

5/8"

Footage

2,729.65

2730.6

Drillers
Log

<u>Formation Name</u>	<u>Depth Top</u>	<u>Depth Bottom</u>	<u>Formation Thickness</u>
Aily	641.50	644.50	3.00
sand & shale	644.50	778.00	133.50
Raven	778.00	780.20	2.20
sand & shale	780.20	925.00	144.80
Jawbone Rider	925.00	926.30	1.30
sand & shale	926.30	962.00	35.70
Jawbone	962.00	967.30	5.30
sand & shale	967.30	1,036.50	69.20
Tiller	1,036.50	1,040.30	3.80
sand & shale	1,040.30	1,220.50	180.20
Upper Seaboard A	1,220.50	1,222.20	1.70
sand & shale	1,222.20	1,252.50	30.30
Upper Seaboard	1,252.50	1,253.30	0.80
sand & shale	1,253.30	1,534.50	281.20
Middle Seaboard	1,534.50	1,536.30	1.80
sand & shale	1,536.30	1,584.50	48.20
Lower Seaboard	1,584.50	1,586.50	2.00
sand & shale	1,586.50	1,639.50	53.00
Unnamed A	1,639.50	1,640.50	1.00
sand & shale	1,640.50	1,698.50	58.00
Unnamed B	1,698.50	1,699.50	1.00
sand & shale	1,699.50	1,713.50	14.00
Upper Horsepen	1,713.50	1,715.00	1.50
sand & shale	1,715.00	1,853.30	138.30
C Seam	1,853.30	1,854.50	1.20
sand & shale	1,854.50	1,909.50	55.00
War Creek	1,909.50	1,910.00	0.50
sand & shale	1,910.00	1,925.50	15.50
Unnamed C	1,925.50	1,927.00	1.50
sand & shale	1,927.00	1,982.00	55.00
Beckley	1,982.00	1,983.00	1.00
sand & shale	1,983.00	2,039.00	56.00
Lower Horsepen	2,039.00	2,040.50	1.50
sand & shale	2,040.50	2,100.50	60.00
X Seam	2,100.50	2,101.00	0.50
sand & shale	2,101.00	2,127.50	26.50
Pocahontas #9	2,127.50	2,128.20	0.70
sand & shale	2,128.20	2,396.00	267.80
Pocahontas #7	2,396.00	2,397.00	1.00
sand & shale	2,397.00	2,489.00	92.00
Pocahontas #6	2,489.00	2,495.00	6.00
sand & shale	2,495.00	2,525.50	30.50
Pocahontas #5	2,525.50	2,528.90	3.40
sand & shale	2,528.90	2,561.50	32.60
Pocahontas #4	2,561.50	2,562.50	1.00

sand & shale	2,562.50	2,628.50	66.00
Pocahontas #3	2,628.50	2,630.00	1.50
sand & shale	2,630.00	2,677.50	47.50
Pocahontas #2	2,677.50	2,678.50	1.00
sand & shale	2,678.50	2,709.50	31.00
Pocahontas #1	2,709.50	2,712.00	2.50
sand & shale	2,712.00	2,869.00	157.00