



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: 3
Company: Chesapeake Appalachia, LLC
File Number: BU-3081
Operations Name: 825903 (HY-137) W/PL
Operation Type: Gas/Pipeline
Drilling Report Type: Original

DRILLING REPORT (DGO-GO-14)

1. Drilling Data

Date drilling commenced: 5/26/2006 Drilling Contractor: Gasco Drilling Co.
Date drilling completed: 8/12/2006 Rig Type: Rotary Cable Tool
Driller's Total Depth (feet): 5,885
Log Total Depth (feet): 5,822 Formation At Total Depth Devonian

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

Permitted State Plane X 919,828 Final Plat State Plane X: 919,827
Permitted State Plane Y: 374,757 Final Plat State Plane Y: 374,756

Plat Previously Submitted Or...

List of Attached Items:

Description	FileName
Final Plat Well 825903	825903 final 072106.pdf

3. Geological Data

Fresh Water At:

Depth (in feet)	Rate	Unit of Measure
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Salt Water At:

Depth (in feet)	Rate	Unit of Measure
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Coal Seams

List of Attached Items:

Description	FileName
Coal Seams 825903	Copy of CoalBeds 825903.xls

Gas and Oil Shows

List of Attached Items:

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

List all logs run: GR, LDT, CNL, PE, TEMP, AUDIO, AIT

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
Copy of Survey Results Well 825903	Copy of SurveyResults 825903.xls

6. Casing and Tubing Program

List of Attached Items:

Description	FileName
Casing Program 825903	Copy of CasingProgram 825903.xls

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: Aaron Casto

List of Attached Items:

Description	FileName
Drillers Log 825903	Copy of DrillersLog 825903.xls

9. Comments

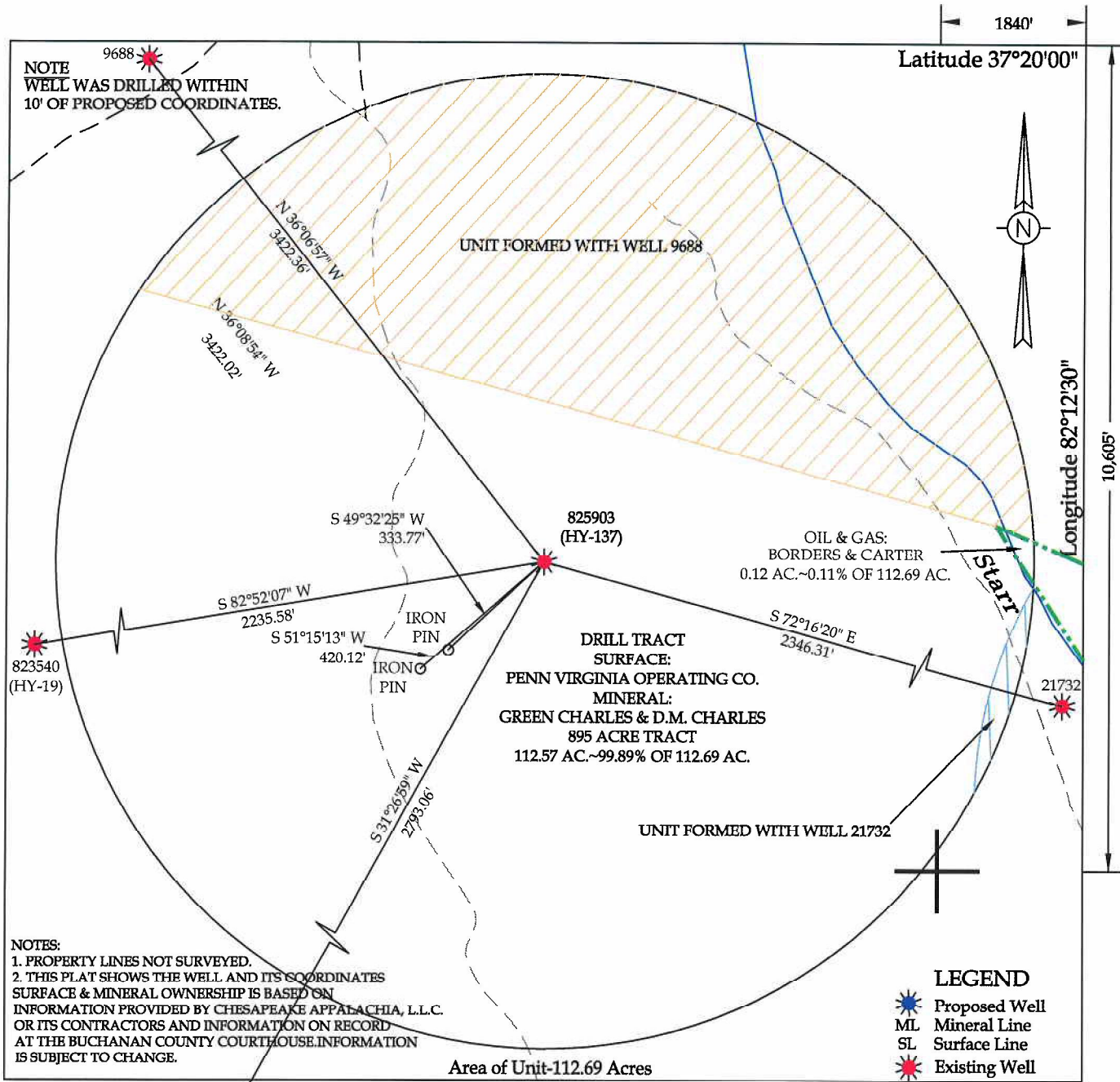
16" cement did not circulate. Therefore, please show where basket was set on 16"

10. Signature

Permitee: Chesapeake Appalachia, LLC Date: 11/13/2006 (Company)

Signed By: Aaron Casto Title: Drilling Engineer (Signature)

INTERNAL USE ONLY	
Submit Date: <u>11/13/2006</u>	
Status: <u>Inspr Approved</u>	Date: <u>11/14/2006</u>
Final PDF Date: <u>1/5/2007</u>	



WELL LOCATION PLAT

Company CHESAPEAKE APPALACHIA, L.L.C. Well Name or Number 825903 (HY-137)
 Tract No. GREEN CHARLES & D.M. CHARLES (895 AC. TRACT) Quadrangle HARMAN
 District ROCKLICK
 Well Coordinates (Virginia State Plane) N: 374,755.70 E: 919,826.60
 Elevation: 2119.72 Method Used to Determine Elevation: Trig. Levels from GPS derived elevation.

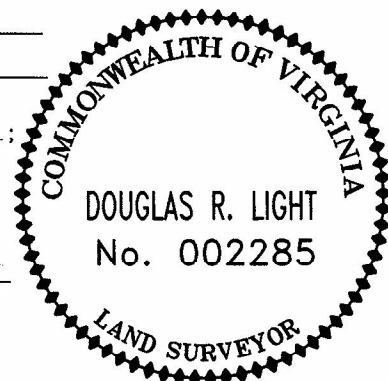
County BUCHANAN Scale: 1" = 400' Date 7-21-06

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.

Douglas R. Light

 Licensed Professional Engineer or Licensed Land Surveyor



Coal Beds

				MINING IN AREA		
NAME	TOP	BOTTOM	THICKNESS	YES	NO	MINED OUT
Unknown	113	116	3		X	NO
Unknown	191	193	3		X	NO
Unknown	365	369	3		X	NO
Unknown	383	385	2		X	NO
Unknown	408	412	4		X	NO
Unknown	418	420	2		X	NO
Unknown	513	516	3		X	NO
Unknown	613	617	4		X	NO
Unknown	700	705	5		X	YES
Unknown	810	814	4		X	NO
Unknown	2055	2056	1		X	NO

Survey Results

Depth of Survey	Direction/Distance/Degree From True Vertical
244	1/4 degree
420	1/4 degree
641	1/4 degree
1070	1/4 degree
1207	1/4 degree
1409	1/2 degree
1610	1/4 degree
1803	1/4 degree
2027	1/4 degree
2249	1/2 degree
2438	1/4 degree

Casing Program 825903

Casing Program							
	Casing	Casing	Hole	Cement Used	Cemented To Surface	Date	Packers Or Bridge Plugs
Casing Type	Size	Interval	Size	In Cubic Ft.	Yes/No	Cemented	Kind/Size/Set
Surface	20"	247' KB	24"	354	Yes	5/27/2006	
Surface	16"	482' KB	19"	348	Yes	5/31/2006	Grout Basket @ 390'
Surface	13-3/8"	672' KB	15"	24	Yes	6/1/2006	
Surface	9-5/8"	875' KB	12-3/8"	395	Yes	8/8/2006	Inflatable 9-5/8" packer at 768'KB
Coal Protection	7"	2390' KB	8-7/8"	567	Yes	8/9/2006	
Production	4-1/2"	5806' KB	6-3/8"	357	No	8/13/2006	

