



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: 56
 Company: Equitable Production Company
 File Number: DI-1579
 Operations Name: VC-536360 W/PL
 Operation Type: Coalbed/Pipeline
 Drilling Report Type: Original

DRILLING REPORT (DGO-GO-14)

1. Drilling Data

Date drilling commenced: 9/1/2006 Drilling Contractor: Gasco
 Date drilling completed: 9/8/2006 Rig Type: Rotary Cable Tool
 Driller's Total Depth (feet): 2,693
 Log Total Depth (feet): 2,688 Coal Seam At Total Depth PENN COAL

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

Permitted State Plane X 899,374 Final Plat State Plane X: 899,373
 Permitted State Plane Y: 303,059 Final Plat State Plane Y: 303,061

Plat Previously Submitted Or...

List of Attached Items:

Description	FileName
536360	536360 final plat.pdf

3. Geological Data

Fresh Water At:

Depth (in feet)	Rate	Unit of Measure
2,136	1/4	INCH

Salt Water At:

Depth (in feet)	Rate	Unit of Measure
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Coal Seams

List of Attached Items:

Description	FileName
536360	536360 coal seams.jpg

Gas and Oil Shows

List of Attached Items:

Description	FileName
536360	536360 gas show.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
536360	536360 survey.jpg

6. Casing and Tubing Program

List of Attached Items:

Description	FileName
536360	536360 casing.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: 398

8. Drillers Log

Compiled By: Todd Tetrick

List of Attached Items:

Description	FileName
536360	536360 drillers log.pdf

9. Comments

10. Signature

Permitee: Equitable Production Company Date: 1/4/2007 (Company)

Signed By: Todd Tetrick Title: Manager (Signature)

INTERNAL USE ONLY

Submit Date: 1/4/2007

Status: Inspr Approved

Date: 2/13/2007

Final PDF Date: 2/15/2007

DT-1579

7332'

LATITUDE 37°07'30

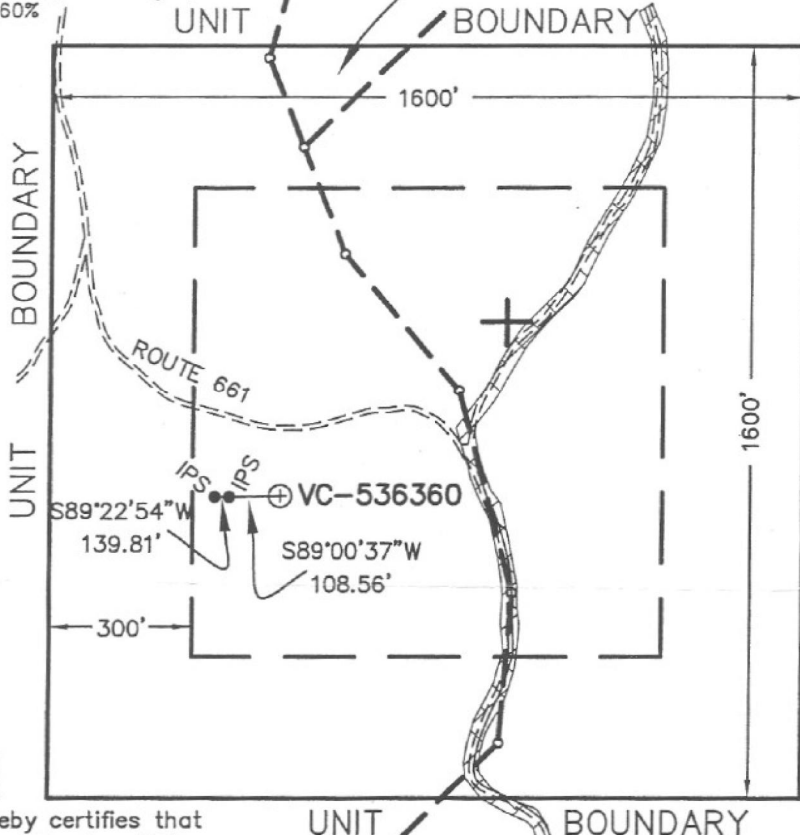
TOTAL UNIT AREA

= 58.77 ACRES

- DENOTES MINERAL LINE
- - - DENOTES SURFACE LINE
- DENOTES SURFACE & MINERAL LINES
- ▨ DENOTES DMLR PERMIT #1201855

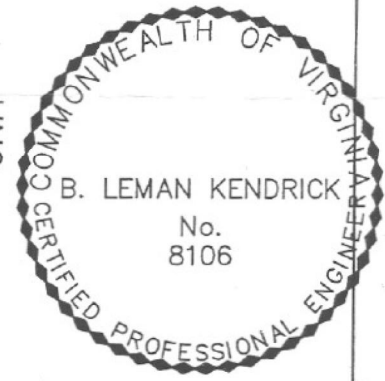
Lease No. 241490 / T-352
 E.J. RASNAKE
 91.83 ACRES
 PARAMONT LAND COMPANY - surface
 DICKENSON-RUSSELL COAL COMPANY, LLC/ALPHA
 LAND & RESERVES, LLC/ACIN, LLC/WBRD, LLC - coal
 PINE MOUNTAIN OIL & GAS, INC. - gas, oil
 GAS 29.15 AC. - 49.60%

Lease No. 241591L
 CHARLES B. COUNTS
 34.42 ACRES / 140.58 ACRES
 CHARLES B. COUNTS, et al - surface, oil & gas
 Lease No. 244792 / TC-180
 HAGAN & RASNAKE
 1388.30 ACRES
 DICKENSON-RUSSELL COAL COMPANY, LLC/ALPHA
 LAND & RESERVES, LLC/ACIN, LLC/WBRD, LLC - coal
 (less UPPER BANNER and JAWBONE)
 CLINCHFIELD COAL COMPANY- UPPER BANNER and JAWBONE
 GAS 0.75 AC. - 1.28%



(AS-DRILLED)
 CCC COORDINATES
 OF WELL VC-536360
 N 1941.76
 E 31586.81

(AS-DRILLED)
 STATE PLANE
 NAD 27 COORDINATES
 OF WELL VC-536360
 303060.58
 899373.20
 LAT 37.105283
 LON -82.275141



FINAL PLAT

The undersigned hereby certifies that the final location is within ten (10) feet of the location shown on the well plat dated JULY 12, 2006.

NOTE !!!

WELL COORDINATES ARE BASED ON CLINCHFIELD COAL COMPANY'S COORDINATE SYSTEM
 CLINCHFIELD COAL COMPANY COORDINATES ARE CALCULATED FROM STATE PLANE WELL COORDINATES.
 PROPERTY INFORMATION PROVIDED BY EQUITABLE PRODUCTION COMPANY.
 ELEVATIONS ARE BASED ON NGS CONTROL ST. PAUL 2.

COORDINATES
 OF BENCH MARK
 S 77498.41
 E 22826.48
 ELEV. = 1754.09

LEASE No. 241565L
 WILMA C. HELTON, et al - surface, oil & gas
 238.00 ACRES
 LEASE No. 244792 / TC-180
 HAGAN & RASNAKE
 1388.30 ACRES
 DICKENSON-RUSSELL COAL COMPANY, LLC/ALPHA
 LAND & RESERVES, LLC/ACIN, LLC/WBRD, LLC - coal
 (less UPPER BANNER)
 CLINCHFIELD COAL COMPANY- UPPER BANNER
 WBRD, LLC - JAWBONE
 GAS 28.87 AC. - 49.12%

WELL LOCATION PLAT

COMPANY Equitable Production Company WELL NAME AND NUMBER VC-536360

TRACT No. LEASE NO. 241490 / T-352 ELEVATION 2325.90 (GPS) QUADRANGLE NORA

COUNTY DICKENSON DISTRICT ERVINTON SCALE: 1" = 400' DATE SEPTEMBER 6, 2006

THIS PLAT IS A NEW PLAT ; AN UPDATED PLAT ; OR A FINAL LOCATION PLAT x
 PROPOSED TOTAL DEPTH OF WELL =

+ 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.

B. Lemman Kendrick 9/6/06

(AFFIX SEAL)

LICENSED PROFESSIONAL ENGINEER OR LICENSED LAND SURVEYOR

Coal Seams & Open Mines

<u>Type</u>	<u>From</u>
Coal	145'-46',380'-81',460'-63',779'-80',912'-13',995'-96',
Coal	1005'-06',1145'-46',1276'-77',1409'-10',1509'-1510',
Coal	1555'-56',1860'-61',1899'-1900',1975'-76',
Coal	2005'-06',2055'-56',2310'-11',2558'-59',2608'-09'

Gas and Oil Shows**Gas Tests**

<u>Depth</u>	<u>Remarks</u>
200	No Show
400	No Show
463	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
2,693	TSTM

Survey Results

Depth	<u>Direction/Distance/Degrees From True Vertical</u>
200	1/4
400	1/4
463	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	1/2
2,000	1/2
2,200	1/2
2,400	1/2
2,600	1/2
2,693	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	0- 22	15				
8 5/8	0- 536	12 1/4	398.84		09/05/2006	398
4 1/2	0- 2657	6 1/2	561.00	Y	09/08/2006	

Tubing Size

2 3/8
5/8

Footage

2,582.25'
2591.9'

Drillers Log

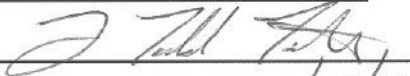
Permit: 7542

Well: VC536360

<u>Formation Name</u>	<u>Depth Top</u>	<u>Depth Bottom</u>	<u>Formation Thickness</u>
Ailv	889.50	890.00	0.50
sand & shale	890.00	978.00	88.00
Raven	978.00	981.00	3.00
sand & shale	981.00	1,104.00	123.00
Jawbone Rider	1,104.00	1,104.80	0.80
sand & shale	1,104.80	1,133.00	28.20
Jawbone	1,133.00	1,135.50	2.50
sand & shale	1,135.50	1,254.00	118.50
Tiller	1,254.00	1,256.20	2.20
sand & shale	1,256.20	1,354.50	98.30
Unner Seaboard A	1,354.50	1,356.00	1.50
sand & shale	1,356.00	1,394.50	38.50
Unner Seaboard	1,394.50	1,396.00	1.50
sand & shale	1,396.00	1,491.30	95.30
Greasy Creek	1,491.30	1,494.10	2.80
sand & shale	1,494.10	1,574.50	80.40
Middle Seaboard	1,574.50	1,575.50	1.00
sand & shale	1,575.50	1,607.00	31.50
Lower Seaboard	1,607.00	1,608.00	1.00
sand & shale	1,608.00	1,673.00	65.00
Unnamed A	1,673.00	1,673.50	0.50
sand & shale	1,673.50	1,734.50	61.00
Upper Horsene	1,734.50	1,735.00	0.50
sand & shale	1,735.00	1,775.00	40.00
Middle Horsene	1,775.00	1,776.50	1.50
sand & shale	1,776.50	1,889.00	112.50
C Seam	1,889.00	1,890.50	1.50
sand & shale	1,890.50	1,925.50	35.00
War Creek	1,925.50	1,929.00	3.50
sand & shale	1,929.00	2,000.00	71.00
Lower Horsene	2,000.00	2,002.00	2.00
sand & shale	2,002.00	2,048.00	46.00
X Seam	2,048.00	2,049.50	1.50
sand & shale	2,049.50	2,099.00	49.50
Pocahontas #9	2,099.00	2,100.00	1.00
sand & shale	2,100.00	2,381.00	281.00
Pocahontas #6	2,381.00	2,382.00	1.00
sand & shale	2,382.00	2,546.50	164.50
Pocahontas #3	2,546.50	2,549.50	3.00
sand & shale	2,549.50	2,595.00	45.50
Pocahontas #1	2,595.00	2,595.80	0.80
sand & shale	2,595.80	2,693.00	97.20

Total Depth of Well: 2,693.00

Permitee: EQUITABLE PRODUCTION COMPANY (Company)

By:  (Signature)
11/14/06