



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: 367
 Company: Equitable Production Company
 File Number: DI-1501
 Operations Name: V-536759 W/PL
 Operation Type: Gas/Pipeline
 Drilling Report Type: Original

DRILLING REPORT (DGO-GO-14)

1. Drilling Data

Date drilling commenced: 6/21/2006 Drilling Contractor: Gasco
 Date drilling completed: 6/26/2006 Rig Type: Rotary Cable Tool
 Driller's Total Depth (feet): 5,000
 Log Total Depth (feet): 4,998 Formation At Total Depth Olentangy

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

Permitted State Plane X 851,239 Final Plat State Plane X: 851,238
 Permitted State Plane Y: 310,932 Final Plat State Plane Y: 310,929

Plat Previously Submitted Or...

List of Attached Items:

Description	FileName
Final Plat 536759	V-536759 final plat.tif

3. Geological Data

Fresh Water At:

Depth (in feet)	Rate	Unit of Measure
85	2-3	INCH

Salt Water At:

Depth (in feet)	Rate	Unit of Measure
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Coal Seams

List of Attached Items:

Description	FileName
Coal Seams 536759	Coal Seams.doc

Gas and Oil Shows

List of Attached Items:

Description	FileName
Gas & Oil 536759	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 536759	Survey Results.doc

6. Casing and Tubing Program

List of Attached Items:

Description	FileName
csg 536759	Casing Data 536759.doc
Tbg 536759	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 536759	Drillers Log 536759.doc

9. Comments

The 4 1/2" csg. was not cemented to surface as shown.
The drillers Log is not complete from surface.

10. Signature

Permitee: Equitable Production Company Date: 7/3/2007 (Company)

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

INTERNAL USE ONLY	
Submit Date: <u>7/3/2007</u>	
Status: <u>Inspr Approved</u>	Date: <u>7/16/2007</u>
Final PDF Date: <u>7/16/2007</u>	

TOTAL UNIT AREA
= 112.69 ACRES

7148'

LATITUDE 37°07'30"

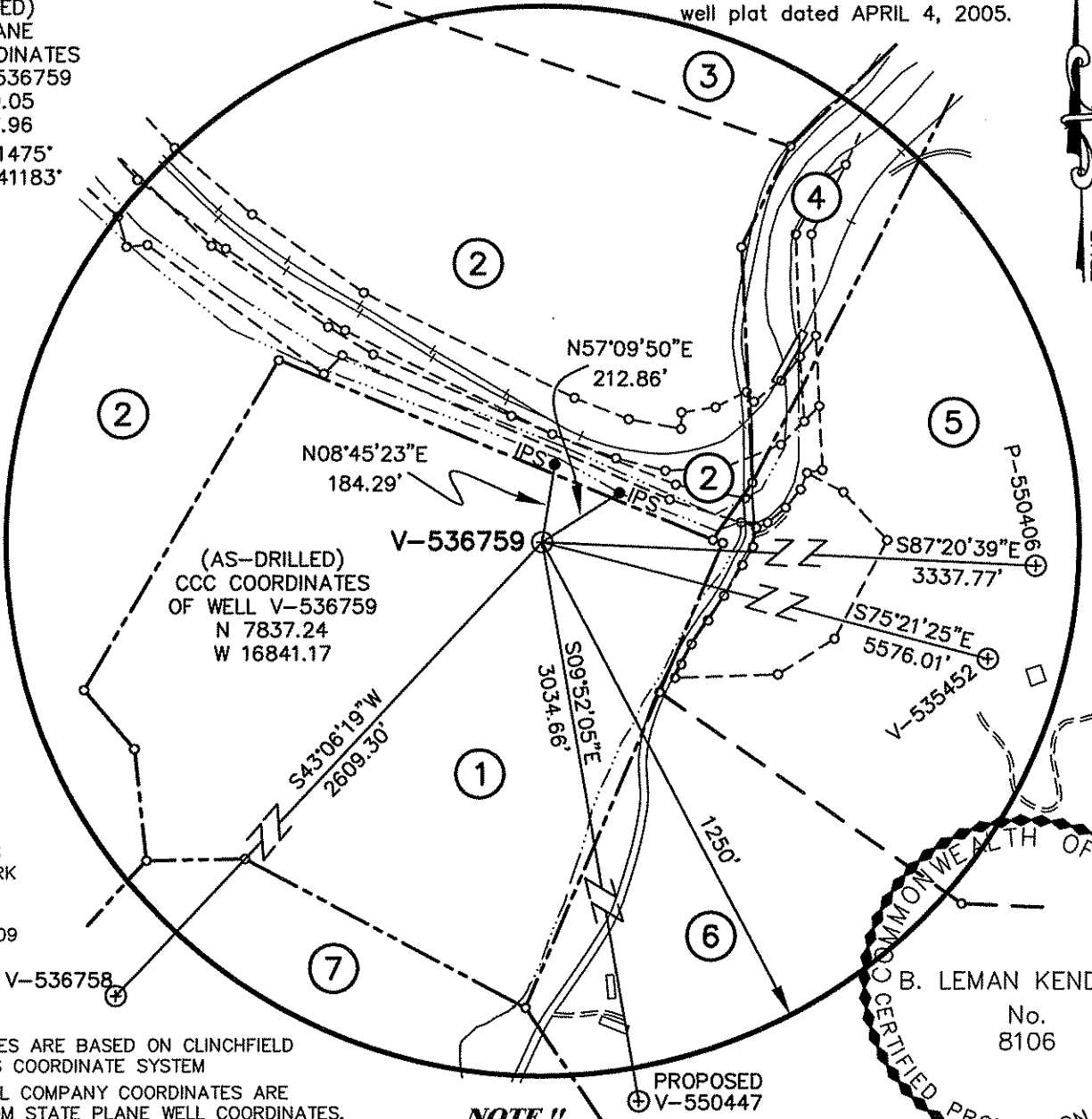
FINAL PLAT

The undersigned hereby certifies that the final location is within ten (10) feet of the location shown on the well plat dated APRIL 4, 2005.

LONGITUDE 82°25'00"

- DENOTES MINERAL LINE
- - - DENOTES SURFACE LINE
- - - DENOTES SURFACE & MINERAL LINES

(AS-DRILLED)
STATE PLANE
NAD 27 COORDINATES
OF WELL V-536759
N 310929.05
E 851237.96
LAT 37.121475'
LON -82.441183'



(AS-DRILLED)
CCC COORDINATES
OF WELL V-536759
N 7837.24
W 16841.17

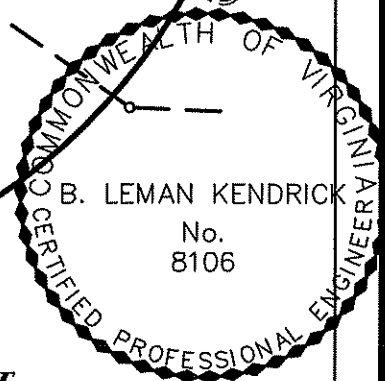
COORDINATES
OF BENCH MARK
S 77498.41
E 22826.48
ELEV. = 1754.09

PROPOSED V-536758

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.

NOTE !!
SEE WELL PLAT SUPPLEMENT SHEET 2 FOR TRACT INFORMATION.



WELL LOCATION PLAT

COMPANY Equitable Production Company WELL NAME AND NUMBER V-536759

TRACT No. LEASE NO. ELEVATION 1480.42 (GPS) QUADRANGLE CANEY RIDGE

COUNTY DICKENSON DISTRICT ERVINTON SCALE: 1" = 400' DATE JUNE 21, 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 6/21/06

(AFFIX SEAL)

LICENSED PROFESSIONAL ENGINEER OR LICENSED LAND SURVEYOR

①

LEASE No. 906199
CARL J. MULLINS
31.25 ACRES
DICKENSON-RUSSELL COAL COMPANY, LLC/ALPHA
LAND & RESERVES, LLC/ACIN, LLC/WBRD, LLC - coal
CARL J. MULLINS - surface, oil & gas
GAS 31.25 AC. 27.73%

②

LEASE No. 241490 / T-724
H.T. KEEL
566.39 ACRES
HEARTWOOD FORESTLAND FUND IV, LP - surface
DICKENSON-RUSSELL COAL COMPANY, LLC/ALPHA
LAND & RESERVES, LLC/ACIN, LLC/WBRD, LLC - coal
PINE MOUNTAIN OIL & GAS, INC. - oil & gas
GAS 36.68 AC. 32.55%

③

LEASE No. 241640 / T2-13
E.A. SMITH
147.26 ACRES
HEARTWOOD FORESTLAND FUND IV, LP - surface
DICKENSON-RUSSELL COAL COMPANY, LLC/ALPHA
LAND & RESERVES, LLC/ACIN, LLC/WBRD, LLC - coal
PINE MOUNTAIN OIL & GAS, INC. - oil & gas
GAS 3.09 AC. 2.74%

④

LEASE No. 906130
CLIFTON DARRELL MULLINS, et al
4.47 ACRES
DICKENSON-RUSSELL COAL COMPANY, LLC/ALPHA
LAND & RESERVES, LLC/ACIN, LLC/WBRD, LLC - coal
CLIFTON DARRELL MULLINS, et al - surface, oil & gas
GAS 4.00 AC. 3.55%

⑤

LEASE No. 242114L
DARRELL W. & JOYCE A. MULLINS
63.25 ACRES
DICKENSON-RUSSELL COAL COMPANY, LLC/ALPHA
LAND & RESERVES, LLC/ACIN, LLC/WBRD, LLC - coal
DARRELL W. & JOYCE A. MULLINS -
surface, oil & gas
GAS 22.39 AC. 19.87%

⑥

LEASE No. 906300
LARRY & DEBORAH McKNIGHT
45.00 ACRES
DICKENSON-RUSSELL COAL COMPANY, LLC/ALPHA
LAND & RESERVES, LLC/ACIN, LLC/WBRD, LLC - coal
LARRY & DEBORAH McKNIGHT - surface, oil & gas
GAS 10.91 AC. 9.68%

⑦

LEASE No. 906253
HARRY C. Jr. & CHARLOTTE ROBERTS
165.00 ACRES
DICKENSON-RUSSELL COAL COMPANY, LLC/ALPHA
LAND & RESERVES, LLC/ACIN, LLC/WBRD, LLC - coal
HARRY C. Jr. & CHARLOTTE ROBERTS - surface, oil & gas
GAS 4.37 AC. 3.88%



THOMPSON & LITTON

40 Main Street
P.O. Box 1869
Clintwood, Virginia 24228

EQUITABLE PRODUCTION COMPANY
WELL No. V-536759
WELL PLAT SUPPLEMENT
SHEET 2

PROJECT No.:
8080 PLAT

SCALE: 1" = 400'

DATE: JUNE 21, 2006

5/20/06 09:01:07 CT DESIGNED:0900 LT 5/21/06 09:01:07 CT DESIGNED:0900 AS D. JUNE 21 2006 09:01:07 CT

**Coal Seams & Open
Mines**

Type
Coal

From
165'-66',260'-61',440'-
41',755'-56',1165'-66',1230'-
31'

Gas and Oil Shows

Gas Tests

<u>Depth</u>	<u>Remarks</u>
2,273	No Show
2,779	No Show
3,500	168 mcf
3,939	145 mcf
5,000	119mcf

**Survey
Results**

<u>Depth</u>	<u>Direction/Distance/Degrees From True Vertical</u>
198	1/4
388	1/4
576	1/4
765	1/4
954	1/4
1,143	1/4
1,332	1/4
1,522	1/4

Casing Data

Casing Outside Diameter	Casing Interval	Hole Size	Cement used in Cu. ft.	Date Cemented	Cmtd To Surface	Cement Baskets
16	25	17 1/2				
11 3/4	338	15	283.20	06/22/2006	y	
7	1644	8 7/8	509.10	06/23/2006	y	440
4 1/2	4976	6 3/8	470.75	06/26/2006	n	

Tubing Size
2 3/8

Footage
4,788.35

Drillers
Log

<u>Formation Name</u>	<u>Depth Top</u>	<u>Depth Bottom</u>	<u>Formation Thickness</u>
OverBurden	0.00	7.00	7.00
soapstone	7.00	35.00	28.00
Sandy Shale	35.00	120.00	85.00
sandstone	120.00	165.00	45.00
Coal	165.00	166.00	1.00
Sandy Shale	166.00	200.00	34.00
sandstone	200.00	260.00	60.00
Coal	260.00	261.00	1.00
Sandy Shale	261.00	440.00	179.00
Coal	440.00	441.00	1.00
sandstone	441.00	755.00	314.00
Coal	755.00	756.00	1.00
Sandy Shale	756.00	860.00	104.00
sandstone	860.00	1,165.00	305.00
Coal	1,165.00	1,166.00	1.00
Sandy Shale	1,166.00	1,230.00	64.00
Coal	1,230.00	1,231.00	1.00
sandstone	1,231.00	1,625.00	394.00
Sandy Shale	1,625.00	1,628.00	3.00
RVCF	2,096.00	2,202.00	106.00
AVIS	2,202.00	2,388.00	186.00
MXTN	2,388.00	2,874.00	486.00
LLIM	2,874.00	2,933.00	59.00
BGLM	2,933.00	3,474.00	541.00
WEIR	3,474.00	3,672.00	198.00
WEIR Sh	3,672.00	3,938.00	266.00
SNBY	3,938.00	4,010.00	72.00
BEREA	4,010.00	4,038.00	28.00
CLEV	4,038.00	4,156.00	118.00
TLB	4,156.00	4,292.00	136.00
UHRN	4,292.00	4,334.00	42.00
MHRN	4,334.00	4,655.00	321.00
LHRN	4,655.00	4,846.00	191.00
OLNG	4,846.00	5,000.00	154.00