



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: 13
 Company: Equitable Production Company
 File Number: DI-1437
 Operations Name: V-536762 W/PL
 Operation Type: Gas/Pipeline
 Drilling Report Type: Original

DRILLING REPORT (DGO-GO-14)

1. Drilling Data

Date drilling commenced: 2/27/2006 Drilling Contractor: Gasco
 Date drilling completed: 3/8/2006 Rig Type: Rotary Cable Tool
 Driller's Total Depth (feet): 6,480
 Log Total Depth (feet): 6,456 Formation At Total Depth Olentangy

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

Permitted State Plane X 845,546 Final Plat State Plane X: 845,541
 Permitted State Plane Y: 274,772 Final Plat State Plane Y: 274,769

Plat Previously Submitted Or...

List of Attached Items:

Description	FileName
536762	536762 final plat.pdf

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
536762	536762 COAL SEAMS.jpg

Gas and Oil Shows

List of Attached Items:

Description	FileName
536762	536762 gas shows.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
536762	536762 survey.jpg

6. Casing and Tubing Program

List of Attached Items:

Description	FileName
casing 536762	casing.pdf

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
536762	536762 drillers log.pdf

9. Comments

csg. program missing

10. Signature

Permitee: Equitable Production Company Date: 11/3/2006 (Company)

Signed By: Todd Tetrick Title: Manager (Signature)

INTERNAL USE ONLY

Submit Date: 11/3/2006

Status: Inspr Approved

Date: 11/6/2006

Final PDF Date: 1/5/2007

11335'

TOTAL UNIT AREA
= 112.69 ACRES

FINAL PLAT

LATITUDE 37°02'30"

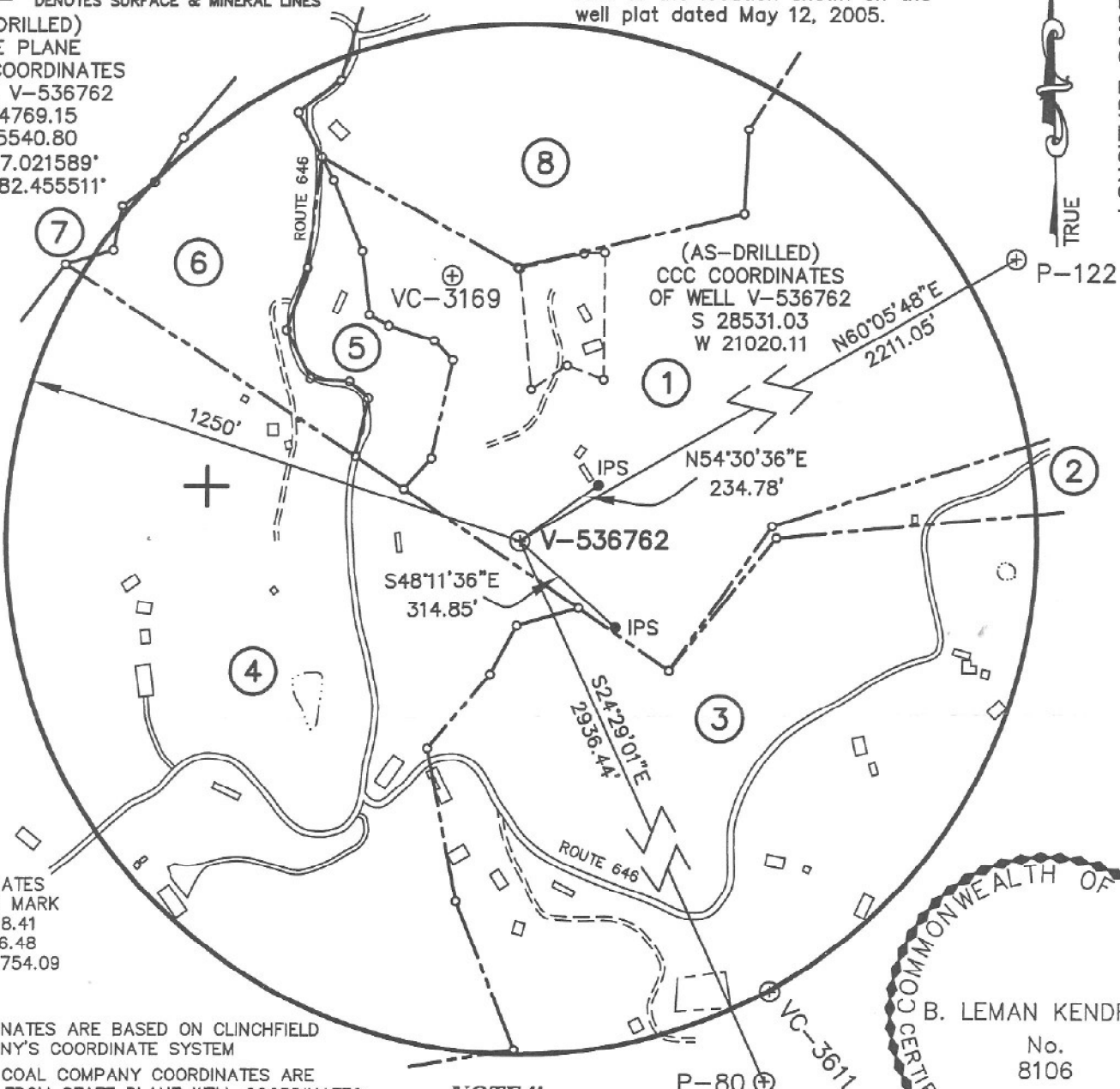
- DENOTES MINERAL LINE
- - - DENOTES SURFACE LINE
- DENOTES SURFACE & MINERAL LINES

The undersigned hereby certifies that the final location is within ten (10) feet of the location shown on the well plat dated May 12, 2005.

(AS-DRILLED)
STATE PLANE
NAD 27 COORDINATES
OF WELL V-536762
N 274769.15
E 845540.80
LAT 37.021589°
LON -82.455511°

LONGITUDE 82°25'00"

7307'



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

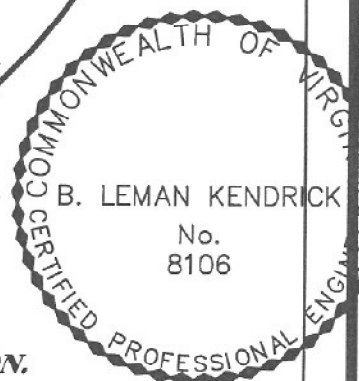
NOTE !!!

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-536762

TRACT No. LEASE NO. 244831L ELEVATION 2684.38 (GPS) QUADRANGLE CANEY RIDGE

COUNTY DICKENSON DISTRICT KENADY SCALE: 1" = 400' DATE FEBRUARY 27, 2006

THIS PLAT IS A NEW PLAT ; AN UPDATED PLAT ; OR A FINAL LOCATION PLAT

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. J. Emadi 2/27/06

(AFFIX SEAL)

LICENSED PROFESSIONAL ENGINEER OR LICENSED LAND SURVEYOR

X:\2006 PROJECT DESIGN\08071 V-536762\DWG\08071 PLA1.dwg

①

LEASE No. 244831L
JOHNNY L. SMITH, et. al. - surface, oil & gas
27.00 ACRES
LEASE No. 244943L
ACIN, LLC - coal
GAS 27.42 AC. 24.33%

②

LEASE No. 244895L
McKINLEY & MARY JANE STANLEY -
surface, oil & gas
2.65 ACRES
LEASE No. 244943L D-5
DICKENSON-RUSSELL COAL COMPANY, LLC/ALPHA
LAND & RESERVES, LLC/ACIN, LLC/WBRD, LLC - coal
GAS 1.57 AC. 1.39%

③

LEASE No. 241640 / T2-115
HENRY ADKINS
178.70 ACRES
DICKENSON-RUSSELL COAL COMPANY, LLC/ALPHA
LAND & RESERVES, LLC/ACIN, LLC/WBRD, LLC - coal
PINE MOUNTAIN OIL & GAS, INC. - oil & gas
GAS 29.03 AC. 25.76%

④

LEASE No. 241490 / T-638
GEORGE M. CHAPMAN
106.00 ACRES
DICKENSON-RUSSELL COAL COMPANY, LLC/ALPHA
LAND & RESERVES, LLC/ACIN, LLC/WBRD, LLC - coal
PINE MOUNTAIN OIL & GAS, INC. - oil & gas
GAS 34.14 AC. 30.30%

⑤

UNLEASED
JIMMY M. SMITH - surface, oil & gas
3.10 ACRES
LEASE No. 244943L D-5
ACIN, LLC - coal
GAS 3.10 AC. 2.75%

⑥

LEASE No. 244830L
DAVID A. LEE - surface, oil & gas
25.00 ACRES
LEASE No. 244943L
ACIN, LLC - coal
GAS 6.49 AC. 5.76%

⑦

UNLEASED
EMMALINE EDWARDS HEIRS - oil & gas
10.00 ACRES
LEASE No. 244943L D-5
ACIN, LLC - coal
GAS 0.04 AC. 0.04%

⑧

UNLEASED
JAMES W. CLIFFORD - surface, oil & gas
25.00 ACRES
LEASE No. 244943L D-5
ACIN, LLC - coal
GAS 10.90 AC. 9.67%



THOMPSON & LITTON

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

EQUITABLE PRODUCTION COMPANY
WELL No. V-536762
WELL PLAT SUPPLEMENT
SHEET 2

PROJECT No.:
8071 PLAT

SCALE: 1" = 400'

DATE: FEBRUARY 27, 2006

X:\2005 PROJECTS\THOMPSON LITTON\PROJECTS\WELL PLAT SUPPLEMENT\WELL PLAT SUPPLEMENT.DWG

Coal Seams & Open Mines

<u>Type</u>	<u>From</u>
Coal	110'-11',240'-41',400'-02',560'-61',575'-76',860'-61',
Coal	1138'-39',1608'-11',1768'-70',2055'-56',2190'-91',
Coal	2310'-11',2530'-32',2636'-38'
Open Mine	600'-605'

Gas and Oil Shows**Gas Tests**

<u>Depth</u>	<u>Remarks</u>
3,332	TSTM
3,896	TSTM
4,302	TSTM
4,902	TSTM
4,936	TSTM
5,194	TSTM
5,433	TSTM
6,480	145 mcf/d

Survey Results

<u>Depth</u>	<u>Direction/Distance/Degrees From True Vertical</u>
199	1/4
419	1/4
825	1/4
1,013	1/4
1,202	1/4
1,391	1/4
1,611	1/4
1,800	1/2
2,018	1/2
2,205	1/2
2,424	1/2
2,659	1/2

Casing Data

Casing Outside Diameter	Casing Interval	Hole Size	Cement used in Cu. ft.	Cmtd To Surface	Date Cemented	Cement Baskets
16	0- 22	17 1/2				
11 3/4	0- 672	15	649.00		02/28/2006	550
7	0- 2619	8 7/8	761.00	Y	03/03/2006	717
4 1/2	0- 6398	6 1/2	551.45	Y	03/08/2006	

Tubing Size **Footage**
 2 3/8 2,210.50