



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: 17
Company: Equitable Production Company
File Number: WS-0767
Operations Name: V-504909 W/PL
Operation Type: Gas/Pipeline
Drilling Report Type: Original

DRILLING REPORT (DGO-GO-14)

1. Drilling Data

Date drilling commenced: 3/8/2006 Drilling Contractor: Gasco
Date drilling completed: 3/18/2006 Rig Type: Rotary Cable Tool
Driller's Total Depth (feet): 6,385
Log Total Depth (feet): 6,380 Formation At Total Depth Olentangy

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

Permitted State Plane X: 840,593 Final Plat State Plane X: 840,592
Permitted State Plane Y: 267,776 Final Plat State Plane Y: 267,776

Plat Previously Submitted Or...

List of Attached Items:

Description	FileName
504909	504909 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
504909	504909 coal seams.jpg

Gas and Oil Shows

List of Attached Items:

Description	FileName
504909	504909 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
504909	504909 survey.jpg

6. Casing and Tubing Program

List of Attached Items:

Description	FileName
504909	504909 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: 458&468,215& 225

8. Drillers Log

Compiled By: Todd Tetrick

List of Attached Items:

Description	FileName
504909	504909 drillers log.pdf

9. Comments

10. Signature

Permitee: Equitable Production Company Date: 11/2/2006 (Company)

Signed By: Todd Tetrick Title: Manager (Signature)

INTERNAL USE ONLY

Submit Date: 11/2/2006

Status: Inspr Approved

Date: 11/3/2006

Final PDF Date: 1/5/2007

TOTAL UNIT AREA
= 112.69 ACRES

- — — — — DENOTES MINERAL LINE
- - - - - DENOTES SURFACE LINE
- · - · - · DENOTES SURFACE & MINERAL LINES

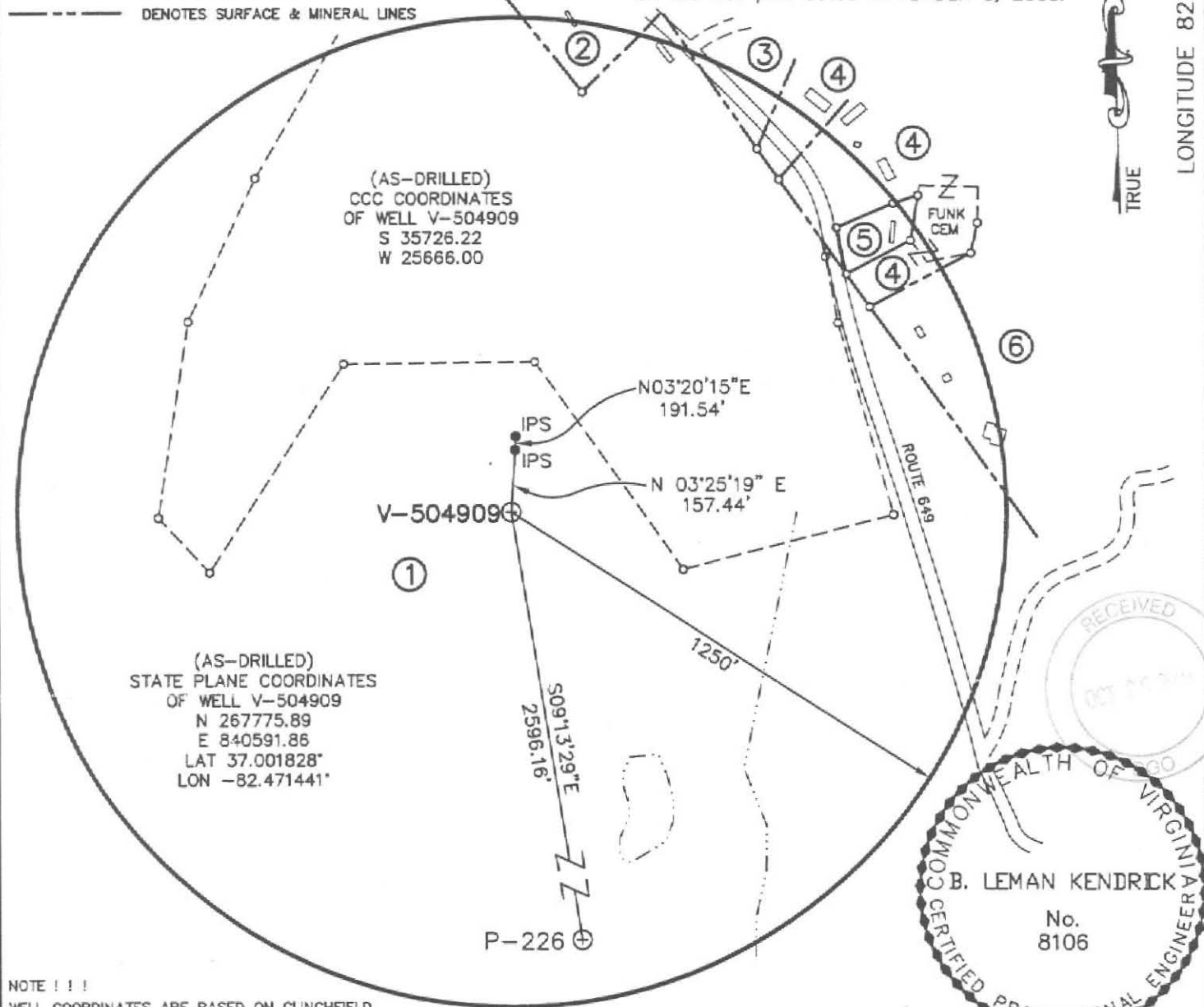
FINAL PLAT

LATITUDE 37°02'30"

The undersigned hereby certifies that the final location is within ten (10) feet of the location shown on the well plat dated NOVEMBER 8, 2005.



LONGITUDE 82°27'30"



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

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

WELL LOCATION PLAT

COMPANY Equitable Production Company WELL NAME AND NUMBER V-504909
TRACT No. LEASE NO. 241490L / T-889 ELEVATION 2583.14 (GPS) QUADRANGLE CANEY RIDGE
COUNTY WISE DISTRICT LIPPS SCALE: 1" = 400' DATE MARCH 13, 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. L. Kendrick 3/13/06 (AFFIX SEAL)
LICENSED PROFESSIONAL ENGINEER OR LICENSED LAND SURVEYOR

WS-767

X:\2006 PROJECT DESIGN\8295 V-504909.dwg 18295 AS-D.dwg

1

LEASE No. 241490L / T-889
JAMES DUNN
2115.30 ACRES
HEARTWOOD FORESTLAND FUND IV, L.P. - surface
DICKENSON-RUSSELL COAL COMPANY, LLC/ALPHA
LAND & RESERVES, LLC/ACIN, LLC/WBRD, LLC - coal
PINE MOUNTAIN OIL & GAS, INC. - oil & gas
GAS 107.63 AC. 95.51%

2

LEASE No. 241490 / T-897
JAMES DUNN
2.52 ACRES
OLLIE J. FUNK - surface
DICKENSON-RUSSELL COAL COMPANY, LLC/ALPHA
LAND & RESERVES, LLC/ACIN, LLC/WBRD, LLC - coal
PINE MOUNTAIN OIL & GAS, INC. - oil & gas
GAS 0.61 AC. 0.54%

3

UNLEASED
J & H LAND DEVELOPMENT COMPANY
18.70 ACRES
DICKENSON-RUSSELL COAL COMPANY, LLC/ALPHA
LAND & RESERVES, LLC/ACIN, LLC/WBRD, LLC - coal
J & H LAND DEVELOPMENT COMPANY - surface, oil & gas
GAS 0.44 AC. 0.39%

4

UNLEASED
VIRGINIA GOUGE (TWO PARCELS)
6.60 ACRES, 9.33 ACRES
DICKENSON-RUSSELL COAL COMPANY, LLC/ALPHA
LAND & RESERVES, LLC/ACIN, LLC/WBRD, LLC - coal
VIRGINIA GOUGE - surface, oil & gas
GAS 1.87 AC. 1.66%

5

UNLEASED
MONA LAWSON
0.539 ACRES
DICKENSON-RUSSELL COAL COMPANY, LLC/ALPHA
LAND & RESERVES, LLC/ACIN, LLC/WBRD, LLC - coal
MONA LAWSON - surface, oil & gas
GAS 0.46 AC. 0.41%

6

LEASE No. -----
ALLEN SKEENS
19.071 ACRES
DICKENSON-RUSSELL COAL COMPANY, LLC/ALPHA
LAND & RESERVES, LLC/ACIN, LLC/WBRD, LLC - coal
ALLEN SKEENS - surface, oil & gas
GAS 1.68 AC. 1.49%



THOMPSON & LITTON

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

EQUITABLE PRODUCTION COMPANY
WELL No. V-504909
WELL PLAT SUPPLEMENT
SHEET 2

PROJECT No.:
8295 PLAT.DWG

SCALE: 1" = 400'

DATE: MARCH 13, 2006

Coal Seams & Open Mines

<u>Type</u>	<u>From</u>
Coal	335'-36',660'-61',810'-11',1045'-46',1359'-60',
Coal	2240'-41',2285'-86',2530'-31'
Open Mine	518'-523'

Gas and Oil Shows**Gas Tests**

<u>Depth</u>	<u>Remarks</u>
5,226	TSTM
5,476	TSTM
6,385	TSTM
3,207	No Show
3,679	No Show
4,402	TSTM

Survey Results

<u>Depth</u>	<u>Direction/Distance/Degrees From True Vertical</u>
202	1/4
423	1/4
828	1/4
1,016	1/4
1,208	1/4
1,396	1/4
1,584	1/4
1,772	1/4
1,992	1/2
2,202	1/2
2,429	1/2
2,616	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- 27	17 1/2				
11 3/4	0- 600	12 1/4	475.54	Y	03/10/2006	458 + 468
7	0- 2701	8 7/8	755.48	Y	03/14/2006	215 + 225
4 1/2	0- 6348	6 1/2	564.90		03/18/2006	

Tubing Size

2 3/8

Footage

6,177.65

Drillers Log


Permit: 7072

Well: V504909

<u>Formation Name</u>	<u>Depth Top</u>	<u>Depth Bottom</u>	<u>Formation Thickness</u>
Base LEE	2,560.00	0.00	0.00
RVCF	3,188.00	3,210.00	22.00
AVIS	3,340.00	3,412.00	72.00
MXTN	3,868.00	3,948.00	80.00
LLIM	4,230.00	4,295.00	65.00
BGLM	4,295.00	4,830.00	535.00
WEIR	4,830.00	5,090.00	260.00
WEIR Sh	5,090.00	5,315.00	225.00
SNBY	5,315.00	5,401.00	86.00
BEREA	5,401.00	5,450.00	49.00
CLEV	5,450.00	5,560.00	110.00
TLB	5,560.00	5,676.00	116.00
UHRN	5,676.00	5,720.00	44.00
MHRN	5,720.00	6,044.00	324.00
LHRN	6,044.00	6,240.00	196.00
OLNG	6,240.00	0.00	0.00

Total Depth of Well: 6,385.00

Permitee: EQUITABLE PRODUCTION COMPANY (Company)

By:  (Signature)
10/22/04