



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: 379
Company: Equitable Production Company
File Number: DI-1633
Operations Name: V-502030 W/PL
Operation Type: Gas/Pipeline
Drilling Report Type: Original

DRILLING REPORT (DGO-GO-14)

1. Drilling Data

Date drilling commenced: 1/2/2007 Drilling Contractor: Gasco
Date drilling completed: 1/7/2007 Rig Type: Rotary Cable Tool
Driller's Total Depth (feet): 5,527
Log Total Depth (feet): 5,529 Formation At Total Depth: LOWER HURON

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

Permitted State Plane X: 861,012 Final Plat State Plane X: 861,014
Permitted State Plane Y: 317,385 Final Plat State Plane Y: 317,387

Plat Previously Submitted Or...

List of Attached Items:

Description	FileName
Final Plat 502030	V-502030 final plat.tif

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 502030	Coal Seams.doc

Gas and Oil Shows

List of Attached Items:

Description	FileName
Gas & Oil Shows 502030	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 502030	Survey Results.doc

6. Casing and Tubing Program

List of Attached Items:

Description	FileName
Csg 502030	Casing Data.doc
Tbg 502030	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 502030	Drillers Log.doc

9. Comments

10. Signature

Permitee: Equitable Production Company Date: 6/2/2007 (Company)

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

INTERNAL USE ONLY

Submit Date: 6/2/2007

Status: Inspr Approved

Date: 6/4/2007

Final PDF Date: 7/6/2007

TOTAL UNIT AREA
= 112.69 ACRES

FINAL PLAT

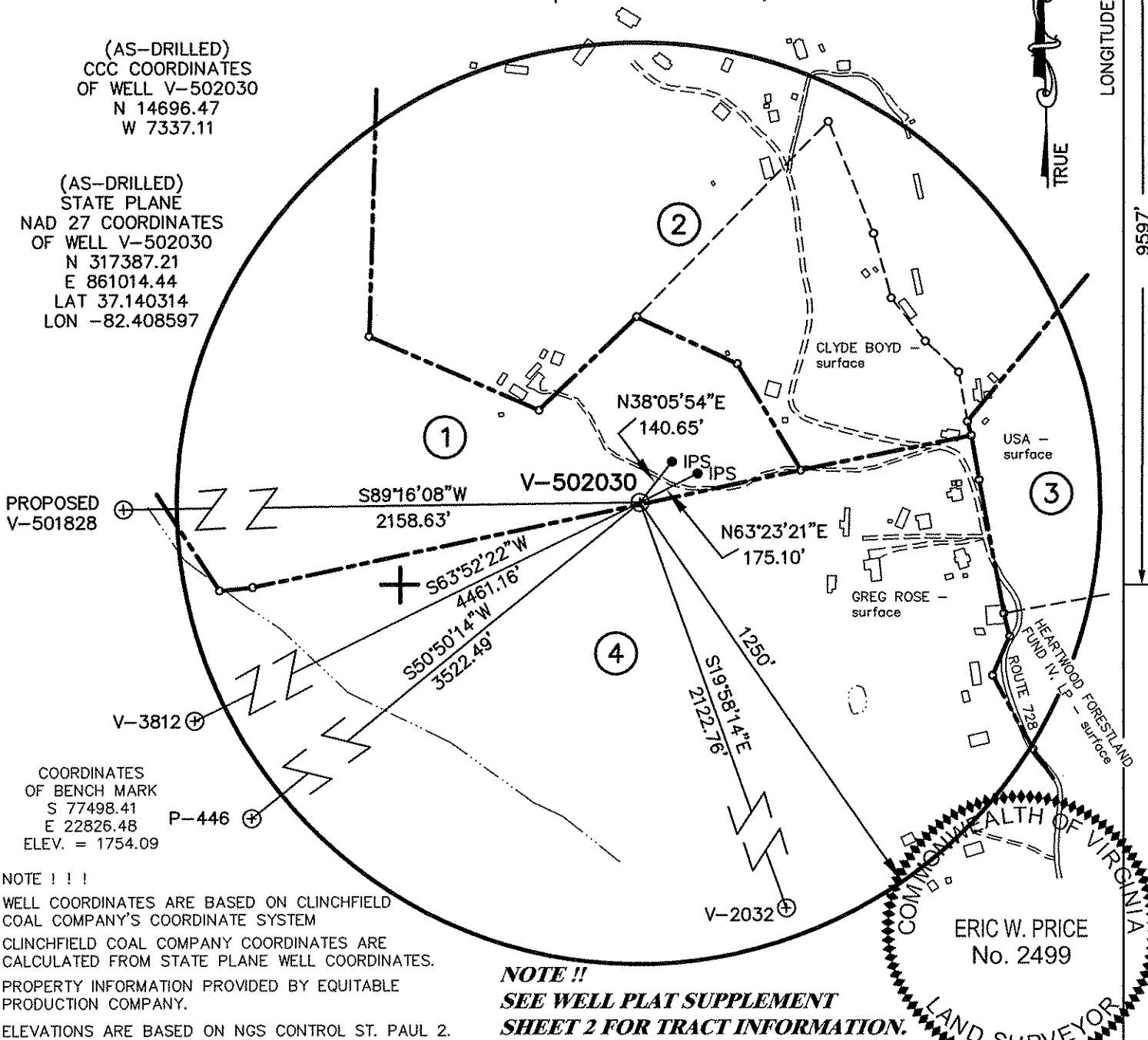
LATITUDE 37°10'00"

The undersigned hereby certifies that the final location is within ten (10) feet of the location shown on the well plat dated AUGUST 23, 2006.

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

(AS-DRILLED)
CCC COORDINATES
OF WELL V-502030
N 14696.47
W 7337.11

(AS-DRILLED)
STATE PLANE
NAD 27 COORDINATES
OF WELL V-502030
N 317387.21
E 861014.44
LAT 37.140314
LON -82.408597



PROPOSED
V-501828

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.

COMMONWEALTH OF VIRGINIA
ERIC W. PRICE
No. 2499
LAND SURVEYOR

WELL LOCATION PLAT

COMPANY Equitable Production Company WELL NAME AND NUMBER V-502030

TRACT No. LEASE NO. 241640 / T2-17 ELEVATION 1998.19 (GPS) QUADRANGLE CLINTWOOD

COUNTY DICKENSON DISTRICT CLINTWOOD SCALE: 1" = 400' DATE FEBRUARY 15, 2007

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.

Eric W. Price

2-15-07

(AFFIX SEAL)

LICENSED PROFESSIONAL ENGINEER OR LICENSED LAND SURVEYOR

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①

LEASE No. 241640 / T2-17
J.W. FLEMING
50.49 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 21.52 AC. 19.10%

②

LEASE No. 242931L
EVA ADKINS, et al
88.56 ACRES
EVA ADKINS, et al -
coal, oil & gas
GAS 33.60 AC. 29.82%

③

LEASE No. 241490 / T-769
ELIAS J. ROSE
312.16 ACRES
DICKENSON-RUSSELL COAL COMPANY, LLC/ALPHA
LAND & RESERVES, LLC/ACIN, LLC/WBRD, LLC - coal
PINE MOUNTAIN OIL & GAS, INC. - oil & gas
GAS 6.07 AC. 5.38%

④

LEASE No. 241640 / T2-224
HAGAN-RINER
393.53 ACRES
GREG ROSE - surface
DICKENSON-RUSSELL COAL COMPANY, LLC/ALPHA
LAND & RESERVES, LLC/ACIN, LLC/WBRD, LLC - coal
PINE MOUNTAIN OIL & GAS, INC. - oil & gas
GAS 51.50 AC. 45.70%

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THOMPSON & LITTON

312 Clintwood Main Street
Suite 201
P.O. Box 1869
Clintwood, Virginia 24228

EQUITABLE PRODUCTION COMPANY
WELL No. V-502030
WELL PLAT SUPPLEMENT
SHEET 2

PROJECT No.:
8143 OPLAT

SCALE: 1" = 400'

DATE: FEBRUARY 15, 2007

**Coal Seams & Open
Mines**

Type

Coal

Coal

From

150'-51',305'-06',404'-

05',499'-500',715'-16'

945'-46',1735'-36',2110'-11'

Gas and Oil Shows

Gas Tests

<u>Depth</u>	<u>Remarks</u>
200	No Show
400	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
3,170	TSTM
3,441	TSTM
4,029	TSTM
4,315	TSTM
4,610	TSTM

**Survey
Results**

<u>Depth</u>	<u>Direction/Distance/Degrees From True Vertical</u>
200	0
400	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	1/4
2,000	1/2
2,200	1/2

Casing Data

Casing Outside Diameter	Casing Interval	Hole Size	Cement used in Cu. ft.	Date Cemented	
				Cmtd To Surface	Cement Baskets
12 3/4	22	15			
9 5/8	315	12 1/4	147.50	01/02/2007	94
7	2289	8 7/8	524.00	01/04/2007	420
4 1/2	5511	6 1/2	538.00	01/07/2007	

Tubing Size
2 3/8

Footage
5,329.30

Drillers
Log

<u>Formation Name</u>	<u>Depth Top</u>	<u>Depth Bottom</u>	<u>Formation Thickness</u>
Base LEE	2,220.00	0.00	0.00
RVCF	2,668.00	2,680.00	12.00
AVIS	2,680.00	0.00	0.00
MXTN	3,160.00	0.00	0.00
LLIM	3,452.00	3,512.00	60.00
BGLM	3,512.00	4,036.00	524.00
WEIR	4,036.00	4,240.00	204.00
WEIR Sh	4,240.00	4,526.00	286.00
SNBY	4,526.00	4,602.00	76.00
BEREA	4,602.00	4,680.00	78.00
CLEV	4,680.00	4,776.00	96.00
TLB	4,776.00	4,912.00	136.00
UHRN	4,912.00	4,952.00	40.00
MHRN	4,952.00	5,310.00	358.00
LHRN	5,310.00	0.00	0.00