



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: 119
Company: Equitable Production Company
File Number: BU-3117
Operations Name: VC-537048 W/PL
Operation Type: Coalbed/Pipeline
Drilling Report Type: Original

DRILLING REPORT (DGO-GO-14)

1. Drilling Data

Date drilling commenced: 7/13/2006 Drilling Contractor: GASCO
Date drilling completed: 7/16/2006 Rig Type: Rotary Cable Tool
Driller's Total Depth (feet): 2,500
Log Total Depth (feet): 2,495 Coal Seam At Total Depth PENN COAL

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

Permitted State Plane X: 932,772 Final Plat State Plane X: 932,772
Permitted State Plane Y: 323,060 Final Plat State Plane Y: 323,060

Plat Previously Submitted Or...

List of Attached Items:

Description	FileName
537048	537048 WELL LOCATION PLAT (FINAL).pdf

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
537048	537048 COAL SEAMS.jpg

Gas and Oil Shows

List of Attached Items:

Description	FileName
537048	537048 GAS AND OIL 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
537048	537048 SURVEY RESULTS.jpg

6. Casing and Tubing Program

List of Attached Items:

Description	FileName
537048	537048 CASING DATA.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: 88

8. Drillers Log

Compiled By: TODD TETRICK

List of Attached Items:

Description	FileName
537048	537048 DRILLERS LOG.pdf

9. Comments

10. Signature

Permitee: Equitable Production Company Date: 1/17/2007 (Company)

Signed By: TODD TETRICK Title: MANAGER (Signature)

INTERNAL USE ONLY

Submit Date: 1/17/2007

Status: Inspr Approved

Date: 2/23/2007

Final PDF Date: 2/26/2007

Bu 3117

11179

LATITUDE 37°10' 00"

1049

LONGITUDE 82° 07' 30"

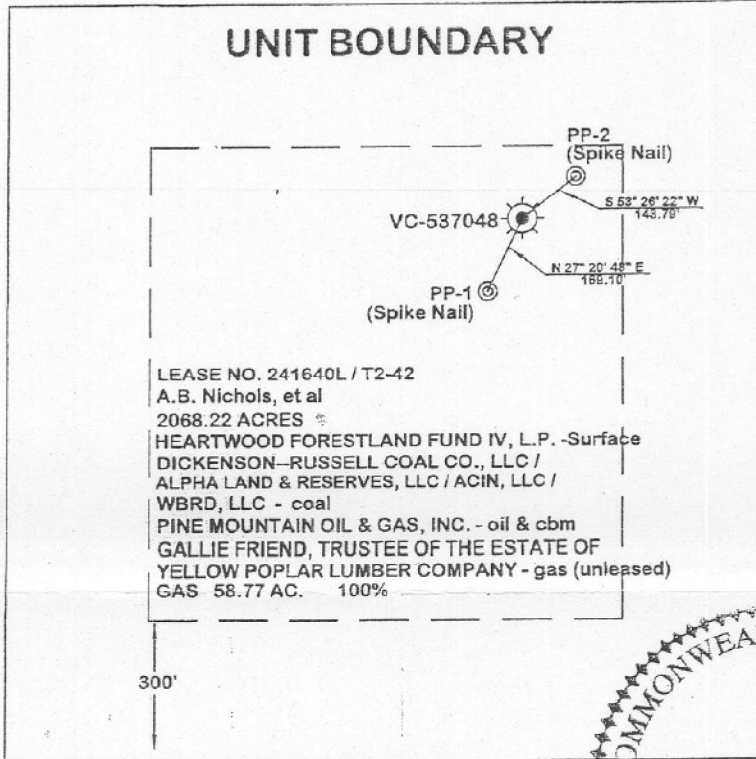


TOTAL UNIT AREA
= 58.77 ACRES

1600'

CCC
COORDINATES OF
WELL VC-537048
N 23243.32
E 64188.62

UNIT BOUNDARY

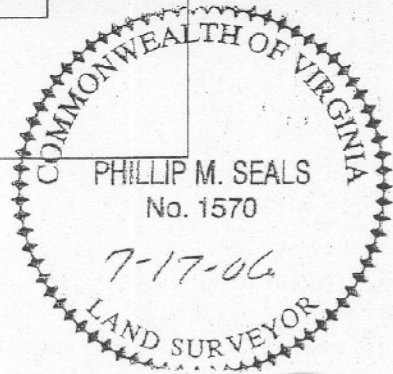


LEASE NO. 241640L / T2-42
 A.B. Nichols, et al
 2068.22 ACRES
 HEARTWOOD FORESTLAND FUND IV, L.P. -Surface
 DICKENSON-RUSSELL COAL CO., LLC /
 ALPHA LAND & RESERVES, LLC / ACIN, LLC /
 WBRD, LLC - coal
 PINE MOUNTAIN OIL & GAS, INC. - oil & cbm
 GALLIE FRIEND, TRUSTEE OF THE ESTATE OF
 YELLOW POPLAR LUMBER COMPANY - gas (unleased)
 GAS 58.77 AC. 100%

300'

LAT. & LONG:
(NAD 27 DECIMAL DEGREES)
OF WELL VC-537048

37.163785
82.163362



NOTE:

PROPERTY INFORMATION PROVIDED BY EQUITABLE PRODUCTION COMPANY.

ELEVATIONS WERE DETERMINED BY GPS & TRIGONOMETRIC METHODS BASED ON BENCH MARK P-424.

FINAL PLAT

The undersigned hereby certifies that the final location is within ten (10') feet of the location shown on the well plat dated 4-24-06.



WELL LOCATION PLAT

COMPANY EQUITABLE PRODUCTION CO. WELL NAME OR NUMBER VC-537048
 TRACT NO. T2-42 QUADRANGLE Prater
 DISTRICT Prater
 WELL COORDINATES (VIRGINIA STATE PLANE 27) N 323,060.16 E 932,771.68
 ELEVATION 2039.98 METHOD USED TO DETERMINE ELEVATION: GPS & TRIG.
 COUNTY Buchanan SCALE: 1" = 400' DATE 7-17-06
 THIS PLAT IS A NEW PLAT ; AN UPDATED PLAT ; OR A FINAL LOCATION PLAT

+ 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.

Phillip M. Seals

Coal Seams & Open Mines**Type****From**

Coal	968'-70',1315'-17',1696'-98',1735'-37',1781'-83',
Coal	1825'-27',1854'-56',2155'-57',2200'-02',2265'-67',
Coal	2287'-90'

Gas and Oil Shows

Gas Tests

<u>Depth</u>	<u>Remarks</u>
195	No Show
412	No Show
600	No Show
819	No Show
1,007	No Show
1,195	No Show
1,414	No Show
1,620	No Show
1,819	No Show
2,007	No Show
2,222	No Show
2,500	No Show

Survey Results

<u>Depth</u>	<u>Direction/Distance/Degrees From True Vertical</u>
195	1/4
412	1/4
600	1/4
819	1/4
1,007	1/4
1,195	1/2
1,414	1/4
1,620	1/2
1,819	1/4
2,007	1/4
2,222	1/4
2,500	1/4

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- 317	12 1/4	363.44	Y	07/13/2006	88
4 1/2	0- 2425	6 1/2	487.05	Y	07/15/2006	

Tubing Size

2 3/8
5/8

Footage

2,340.15
2,345.4

Drillers Log

Permit: 7343

Well: VC537048

<u>Formation Name</u>	<u>Depth Top</u>	<u>Depth Bottom</u>	<u>Formation Thickness</u>
Ailv	735.00	736.50	1.50
sand & shale	736.50	815.00	78.50
Raven	815.00	817.70	2.70
sand & shale	817.70	941.00	123.30
Jawbone Rider	941.00	943.50	2.50
sand & shale	943.50	963.50	20.00
Jawbone	963.50	964.50	1.00
sand & shale	964.50	1,042.50	78.00
Tiller	1,042.50	1,044.00	1.50
sand & shale	1,044.00	1,144.00	100.00
Upper Seaboard A	1,144.00	1,145.00	1.00
sand & shale	1,145.00	1,184.00	39.00
Upper Seaboard	1,184.00	1,185.50	1.50
sand & shale	1,185.50	1,375.50	190.00
Middle Seaboard	1,375.50	1,376.00	0.50
sand & shale	1,376.00	1,407.50	31.50
Lower Seaboard	1,407.50	1,409.00	1.50
sand & shale	1,409.00	1,485.00	76.00
Unnamed A	1,485.00	1,485.80	0.80
sand & shale	1,485.80	1,560.50	74.70
Middle Horsenen	1,560.50	1,562.00	1.50
sand & shale	1,562.00	1,639.50	77.50
C Seam	1,639.50	1,640.50	1.00
sand & shale	1,640.50	1,855.00	214.50
X Seam	1,855.00	1,856.00	1.00
sand & shale	1,856.00	2,102.00	246.00
Pocahontas #6 Rider	2,102.00	2,103.30	1.30
sand & shale	2,103.30	2,113.00	9.70
Pocahontas #6	2,113.00	2,115.00	2.00
sand & shale	2,115.00	2,138.00	23.00
Pocahontas #5 Rider	2,138.00	2,138.80	0.80
sand & shale	2,138.80	2,161.50	22.70
Pocahontas #5	2,161.50	2,162.50	1.00
sand & shale	2,162.50	2,214.50	52.00
Pocahontas #4	2,214.50	2,215.50	1.00
sand & shale	2,215.50	2,287.50	72.00
Pocahontas #3	2,287.50	2,289.50	2.00
sand & shale	2,289.50	2,500.00	210.50

Total Depth of Well: 2,500.00

Permitee: EQUITABLE PRODUCTION COMPANY (Company)

By:  (Signature)

12/27/04