



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: 118
 Company: Equitable Production Company
 File Number: BU-3119
 Operations Name: VC-537049 W/PL
 Operation Type: Coalbed/Pipeline
 Drilling Report Type: Original

DRILLING REPORT (DGO-GO-14)

1. Drilling Data

Date drilling commenced: 7/16/2006 Drilling Contractor: GASCO
 Date drilling completed: 7/19/2006 Rig Type: Rotary Cable Tool
 Driller's Total Depth (feet): 2,575
 Log Total Depth (feet): 2,593 Coal Seam At Total Depth: PENN COAL

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

Permitted State Plane X: 932,351 Final Plat State Plane X: 932,345
 Permitted State Plane Y: 324,268 Final Plat State Plane Y: 324,270

Plat Previously Submitted Or...

List of Attached Items:

Description	FileName
537049	537049 WELL LOCATION PLAT (FINAL).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
537049	537049 COAL SEAMS.jpg

Gas and Oil Shows

List of Attached Items:

Description	FileName
537049	537049 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
537049	537049 SURVEY RESULTS.jpg

6. Casing and Tubing Program

List of Attached Items:

Description	FileName
537049	537049 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: 87

8. Drillers Log

Compiled By: TODD TETRICK

List of Attached Items:

Description	FileName
537049	537049 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

B03119

11673

LATITUDE 37°12' 30"



**TOTAL UNIT AREA
= 58.77 ACRES**

LONGITUDE 82° 07' 30"

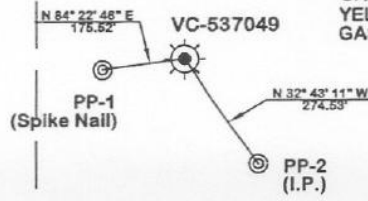
15028

CCC
COORDINATES OF
WELL VC-537049
N 24435.57
E 63714.41

LAT. & LONG.
(NAD 27 DECIMAL DEGREES)
OF WELL VC-537049
37.167060
82.164988

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%



FINAL PLAT

The undersigned hereby certifies that the final location is within ten (10') feet of the location shown on the well plat dated 4-13-06.

NOTE:

PROPERTY INFORMATION PROVIDED BY EQUITABLE PRODUCTION COMPANY.
ELEVATIONS WERE DETERMINED BY GPS & TRIGONOMETRIC METHODS BASED ON BENCH MARK P-424.



WELL LOCATION PLAT

COMPANY EQUITABLE PRODUCTION CO. WELL NAME OR NUMBER VC-537049
TRACT NO. T2-42 QUADRANGLE Prater
DISTRICT Prater
WELL COORDINATES (VIRGINIA STATE PLANE 27) N 324,269.84 E 932,344.52
ELEVATION 2062.48 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

LICENSED LAND SURVEYOR

(AFFIX SEAL)

Coal Seams & Open Mines

<u>Type</u>	<u>From</u>
Coal	939'-40',1026'-28',1369'-71',1753'-55',1793'-95',
Coal	1844'-46',1887'-89',1916'-18',2219'-21',2262'-64',
Coal	2325'-27',2401'-03'

Gas and Oil Shows**Gas Tests**

<u>Depth</u>	<u>Remarks</u>
195	No Show
464	No Show
619	No Show
808	No Show
1,026	No Show
1,204	No Show
1,423	No Show
1,612	No Show
1,827	No Show
2,015	No Show
2,202	No Show
2,552	TSTM

Survey Results

<u>Depth</u>	<u>Direction/Distance/Degrees From True Vertical</u>
195	1/4
464	1/4
619	1/4
808	1/4
1,026	1/4
1,204	1/4
1,423	1/4
1,612	1/4
1,827	1/4
2,015	1/2
2,202	1/2
2,552	1/2

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- 313	12 1/4	186.44	Y	07/16/2006	87
4 1/2	0- 2463	6 1/2	494.70	Y	07/18/2006	

Tubing Size

2 3/8
5/8

Footage

2,367.85
2,370.35'

Drillers Log

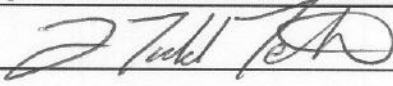
Permit: 7345

Well: VC537049

<u>Formation Name</u>	<u>Depth Top</u>	<u>Depth Bottom</u>	<u>Formation Thickness</u>
Ailv	783.00	784.50	1.50
sand & shale	784.50	861.50	77.00
Raven	861.50	864.00	2.50
sand & shale	864.00	981.30	117.30
Jawbone Rider	981.30	983.80	2.50
sand & shale	983.80	1,003.00	19.20
Jawbone	1,003.00	1,003.80	0.80
sand & shale	1,003.80	1,087.00	83.20
Tiller	1,087.00	1,088.70	1.70
sand & shale	1,088.70	1,187.50	98.80
Upper Seaboard A	1,187.50	1,188.50	1.00
sand & shale	1,188.50	1,225.00	36.50
Upper Seaboard	1,225.00	1,226.50	1.50
sand & shale	1,226.50	1,415.00	188.50
Middle Seaboard	1,415.00	1,415.80	0.80
sand & shale	1,415.80	1,447.00	31.20
Lower Seaboard	1,447.00	1,448.50	1.50
sand & shale	1,448.50	1,522.50	74.00
Unnamed A	1,522.50	1,523.80	1.30
sand & shale	1,523.80	1,594.00	70.20
Middle Horsenen	1,594.00	1,595.50	1.50
sand & shale	1,595.50	2,163.70	568.20
Pocahontas #6 Rider	2,163.70	2,166.20	2.50
sand & shale	2,166.20	2,171.00	4.80
Pocahontas #6	2,171.00	2,174.20	3.20
sand & shale	2,174.20	2,200.00	25.80
Pocahontas #5 Rider	2,200.00	2,200.80	0.80
sand & shale	2,200.80	2,255.00	54.20
Pocahontas #4 Rider	2,255.00	2,255.80	0.80
sand & shale	2,255.80	2,278.00	22.20
Pocahontas #4	2,278.00	2,278.80	0.80
sand & shale	2,278.80	2,315.50	36.70
Pocahontas #3	2,315.50	2,318.00	2.50
sand & shale	2,318.00	2,593.00	275.00

Total Depth of Well: 2,575.00

Permittee: EQUITABLE PRODUCTION COMPANY (Company)

By:  (Signature)

12/27/06