



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: 50
 Company: Equitable Production Company
 File Number: DI-1532
 Operations Name: V-536758 W/PL
 Operation Type: Gas/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: 7/18/2006 Rig Type: Rotary Cable Tool
 Driller's Total Depth (feet): 4,745
 Log Total Depth (feet): 4,758 Formation At Total Depth Cleveland Shale

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

Permitted State Plane X: 849,377 Final Plat State Plane X: 849,382
 Permitted State Plane Y: 309,100 Final Plat State Plane Y: 309,105

Plat Previously Submitted Or...

List of Attached Items:

Description	FileName
536758	536758 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
536758	536758 COAL SEAMS.jpg

Gas and Oil Shows

List of Attached Items:

Description	FileName
536758	536758 GAS SHOW.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
536758	536758 SURVEY.jpg

6. Casing and Tubing Program

List of Attached Items:

Description	FileName
536758	536758 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: 100,397

8. Drillers Log

Compiled By: TODD TETRICK

List of Attached Items:

Description	FileName
536758	536758 DRILLERS LOG.pdf

9. Comments

10. Signature

Permitee: Equitable Production Company Date: 11/22/2006 (Company)

Signed By: TODD TETRICK Title: MANAGER (Signature)

INTERNAL USE ONLY

Submit Date: 11/22/2006

Status: Inspr Approved

Date: 11/28/2006

Final PDF Date: 2/1/2007

DI-1532
MDD

8931'

LATITUDE 37°07'30"

FINAL PLAT

The undersigned hereby certifies that the final location is within ten (10) feet of the location shown on the well plat dated FEBRUARY 1, 2006.

LONGITUDE 82°25'00"
3194'

TOTAL UNIT AREA
= 112.69 ACRES

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

(AS-DRILLED)
STATE PLANE
NAD 27 COORDINATES
OF WELL V-536758
N 309104.60
E 849381.62
LAT 37.116255'
LON -82.447283'

(AS-DRILLED)
CCC COORDINATES
OF WELL V-536758
N 5936.76
W 18620.24

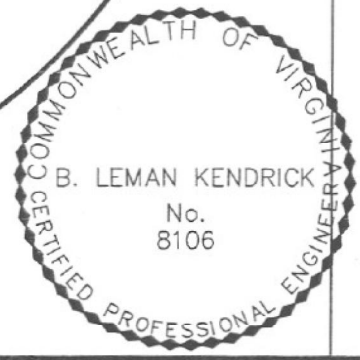
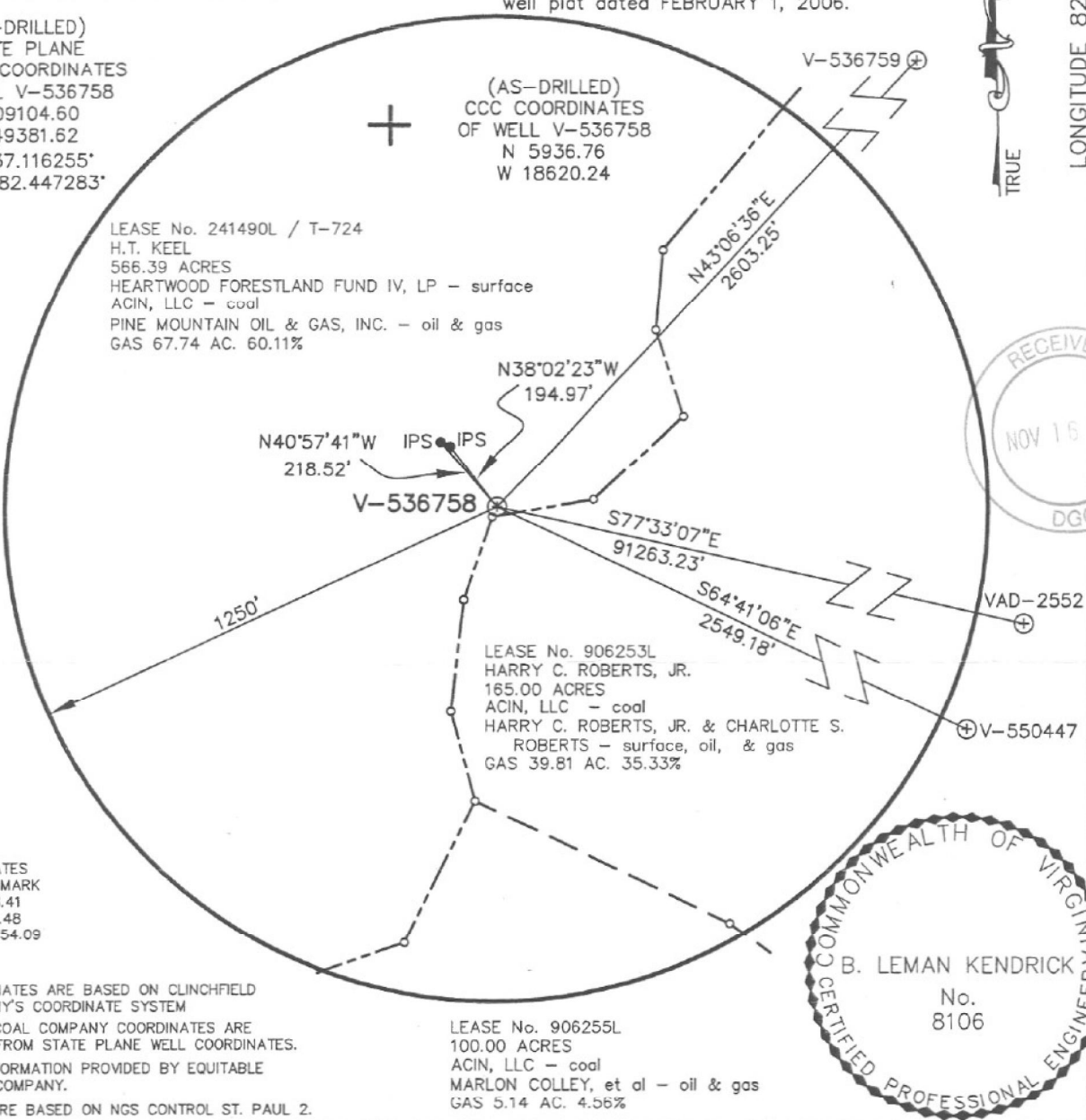
LEASE No. 241490L / T-724
H.T. KEEL
566.39 ACRES
HEARTWOOD FORESTLAND FUND IV, LP - surface
ACIN, LLC - coal
PINE MOUNTAIN OIL & GAS, INC. - oil & gas
GAS 67.74 AC. 60.11%

LEASE No. 906253L
HARRY C. ROBERTS, JR.
165.00 ACRES
ACIN, LLC - coal
HARRY C. ROBERTS, JR. & CHARLOTTE S. ROBERTS - surface, oil, & gas
GAS 39.81 AC. 35.33%

LEASE No. 906255L
100.00 ACRES
ACIN, LLC - coal
MARLON COLLEY, et al - oil & gas
GAS 5.14 AC. 4.56%

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.



WELL LOCATION PLAT

COMPANY Equitable Production Company WELL NAME AND NUMBER V-536758
 TRACT No. LEASE NO. 241490L/T-724 ELEVATION 1995.20 (GPS) QUADRANGLE CANEY RIDGE
 COUNTY DICKENSON DISTRICT CLINTWOOD SCALE: 1" = 400' DATE JULY 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. Leman Kendrick 7/13/06 (AFFIX SEAL)
 LICENSED PROFESSIONAL ENGINEER OR LICENSED LAND SURVEYOR

X:\2006 PROJECT DESIGN\8078 V-536758\dwg\8078 AS-D.dwg, 7/13/2006 2:04:43 PM

Coal Seams & Open Mines

<u>Type</u>	<u>From</u>
Coal	165'-66',250'-51',450'-51',505'-06',620'-21',750'-51',
Coal	850'-51',950'-51',1120'-21',1320'-21',1670'-71',
Coal	1830'-31'

Gas and Oil Shows**Gas Tests**

<u>Depth</u>	<u>Remarks</u>
2,782	No Show
3,255	No Show
3,997	No Show
4,432	TSTM

Survey Results

<u>Depth</u>	<u>Direction/Distance/Degrees From True Vertical</u>
199	1/4
386	1/4
576	1/4
765	1/4
954	1/4
1,143	1/4
1,332	1/4
1,521	1/4
1,710	1/4
1,900	1/4
2,089	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- 19	17 1/2				
11 3/4	0- 341	15	236.00	√	07/13/2006	100
7	0- 2131	8 7/8	505.60	√	07/15/2006	397
4 1/2	0- 4725	6 3/8	430.40		07/18/2006	

Tubing Size
2 3/8

Footage
4,546.25

Drillers Log

Permit: DI-1532 Well: V536758

<u>Formation Name</u>	<u>Depth Top</u>	<u>Depth Bottom</u>	<u>Formation Thickness</u>
Base LEE	2,136.00	2,618.00	482.00
RVCF	2,618.00	2,926.00	308.00
MXTN	2,926.00	3,391.00	465.00
LLIM	3,391.00	3,460.00	69.00
BGLM	3,460.00	3,976.00	516.00
WEIR	3,976.00	4,154.00	178.00
WEIR Sh	4,154.00	4,448.00	294.00
SNBY	4,448.00	4,521.00	73.00
BEREA	4,521.00	4,560.00	39.00
CLEV	4,560.00	4,676.00	116.00
TLB	4,676.00	4,745.00	69.00

Total Depth of Well: 4,745.00

Permitee: EQUITABLE PRODUCTION COMPANY (Company)

By:  (Signature)

11/12/06