



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: 142
 Company: Equitable Production Company
 File Number: DI-1441
 Operations Name: V-536765 W/PL
 Operation Type: Gas/Pipeline
 Drilling Report Type: Original

DRILLING REPORT (DGO-GO-14)

1. Drilling Data

Date drilling commenced: 4/17/2006 Drilling Contractor: GASCO
 Date drilling completed: 4/26/2006 Rig Type: Rotary Cable Tool
 Driller's Total Depth (feet): 5,902
 Log Total Depth (feet): 2,898 Formation At Total Depth Cleveland Shale

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

Permitted State Plane X 923,638 Final Plat State Plane X: 923,640
 Permitted State Plane Y: 296,599 Final Plat State Plane Y: 296,595

Plat Previously Submitted Or...

List of Attached Items:

Description	FileName
536765	536765 WELL LOCATION PLAT (FINAL).pdf

3. Geological Data

Fresh Water At:

Depth (in feet)	Rate	Unit of Measure
198	1/4-1/2	INCH

Salt Water At:

Depth (in feet)	Rate	Unit of Measure
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Coal Seams

List of Attached Items:

Description	FileName
536765	536765 COAL SEAMS.jpg

Gas and Oil Shows

List of Attached Items:

Description	FileName
536765	536765 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
536765	536765 SURVEY RESULTS.jpg

6. Casing and Tubing Program

List of Attached Items:

Description	FileName
536765	536765 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: 177,440

8. Drillers Log

Compiled By: TODD TETRICK

List of Attached Items:

Description	FileName
536765	536765 DRILLERS LOG.pdf

9. Comments

10. Signature

Permitee: Equitable Production Company Date: 1/24/2007 (Company)

Signed By: TODD TETRICK Title: MANAGER (Signature)

INTERNAL USE ONLY

Submit Date: 1/24/2007

Status: Inspr Approved

Date: 2/23/2007

Final PDF Date: 2/26/2007

DI-1441

TOTAL UNIT AREA
= 112.69 ACRES

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

7136'
LATITUDE 37°07'30"

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

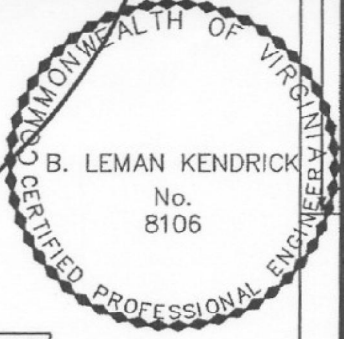
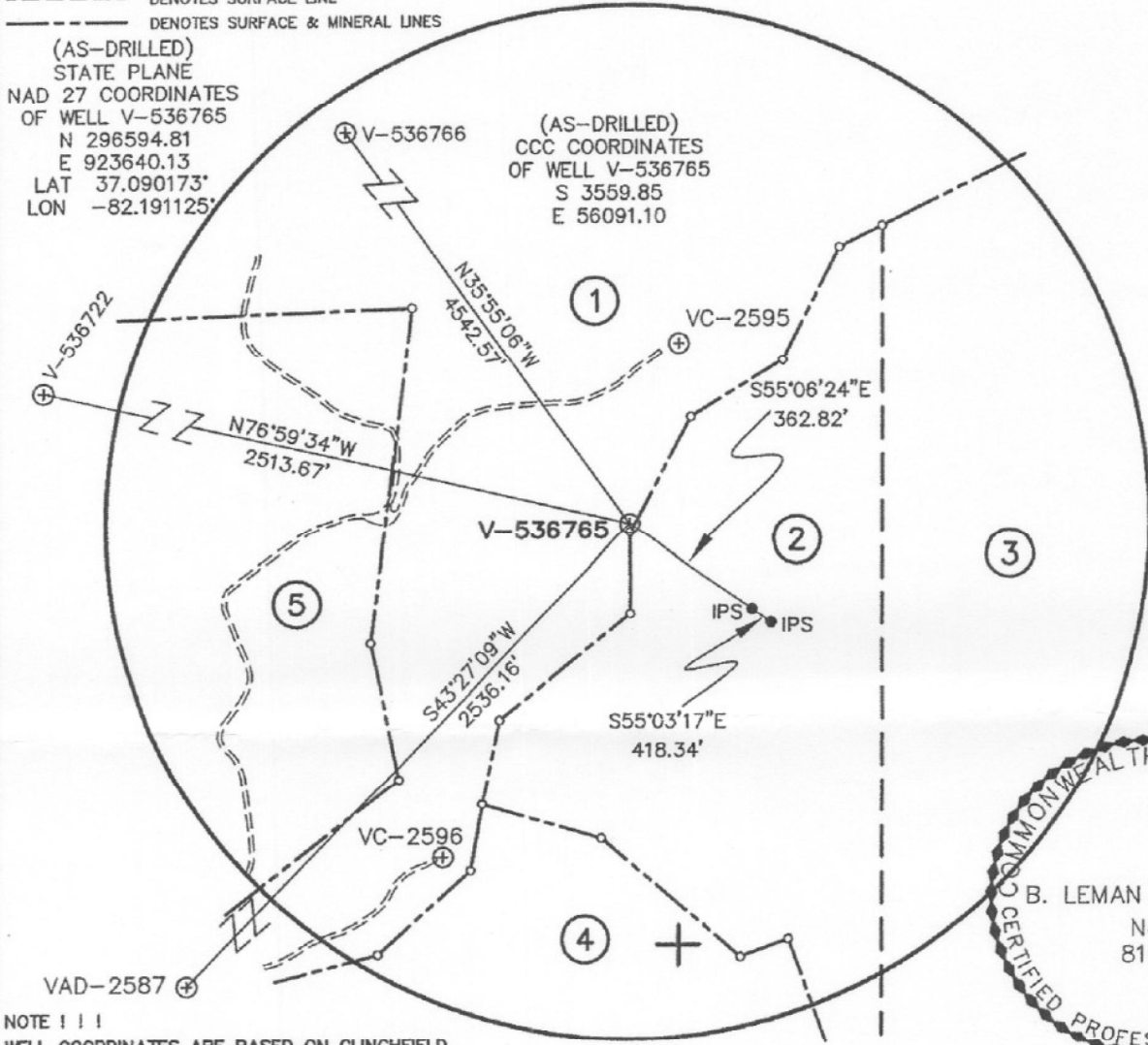
(AS-DRILLED)
STATE PLANE
NAD 27 COORDINATES
OF WELL V-536765
N 296594.81
E 923640.13
LAT 37.090173°
LON -82.191125°

(AS-DRILLED)
CCC COORDINATES
OF WELL V-536765
S 3559.85
E 56091.10



LONGITUDE 82°10'00"

12682'



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

FINAL PLAT

The undersigned hereby certifies that
the final location is within ten (10)
feet of the location shown on the
well plat dated September 20, 2005.



WELL LOCATION PLAT

COMPANY Equitable Production Company WELL NAME AND NUMBER V-536765

TRACT No. LEASE NO. 241490L/T-407 ELEVATION 2466.83 (GPS) QUADRANGLE DUTY

COUNTY DICKENSON DISTRICT ERVINTON SCALE: 1" = 400' DATE APRIL 18, 2006

THIS PLAT IS A NEW PLAT x; AN UPDATED PLAT ; OR A FINAL LOCATION PLAT

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.

(AFFIX SEAL)

LICENSED PROFESSIONAL ENGINEER OR LICENSED LAND SURVEYOR

X:\2006 PROJECT DESIGN\8076-11 V-536765.dwg\8076 AS-D.dwg

Coal Seams & Open Mines

<u>Type</u>	<u>From</u>
Coal	100'-01',250'-51',440'-41',470'-71',500'-01',660'-61',
Coal	755'-56',784'-85',880'-81',960'-61',1150'-51',
Coal	1185'-86',1341'-42',1531'-32',1851'-52',1910'-11',
Coal	2070'-71',2280'-81',2295'-96'

Gas and Oil Shows**Gas Tests**

<u>Depth</u>	<u>Remarks</u>
3,617	No Show
4,152	No Show
5,091	TSTM
5,902	TSTM

Survey Results

<u>Depth</u>	<u>Direction/Distance/Degrees From True Vertical</u>
198	1/4
385	1/4
573	1/4
762	1/4
951	1/4
1,140	1/4
1,330	1/4
1,519	1/4
1,708	1/4
1,898	1/4
2,089	1/4
2,276	1/4
2,466	1/2
2,655	1/2
2,843	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- 33	17 1/2				
11 3/4	0- 316	15	247.80	Y	04/17/2006	177
7	0- 2880	8 7/8	747.00		04/19/2006	440
4 1/2	0- 5402	6 3/8	470.75		04/25/2006	

Tubing Size
2 3/8

Footage
5,220.85'

Drillers Log

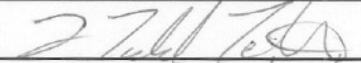
Permit: 7017

Well: V536765

<u>Formation Name</u>	<u>Depth Top</u>	<u>Depth Bottom</u>	<u>Formation Thickness</u>
Base LEE	2,608.00	3,192.00	584.00
RVCF	3,192.00	3,286.00	94.00
AVIS	3,286.00	3,888.00	602.00
MXTN	3,888.00	4,262.00	374.00
LLIM	4,262.00	4,336.00	74.00
BGLM	4,336.00	5,034.00	698.00
WEIR	5,034.00	5,304.00	270.00
WEIR Sh	5,304.00	5,396.00	92.00
BEREA	5,396.00	5,660.00	264.00
SNBY	5,660.00	5,711.00	51.00
CLEV	5,711.00	5,902.00	191.00

Total Depth of Well: 5,902.00

Permitee: EQUITABLE PRODUCTION COMPANY (Company)

By:  (Signature)
11/12/06