



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: 130
 Company: Equitable Production Company
 File Number: DI-1540
 Operations Name: V-536760 W/PL
 Operation Type: Gas/Pipeline
 Drilling Report Type: Original

DRILLING REPORT (DGO-GO-14)

1. Drilling Data

Date drilling commenced: 7/18/2006 Drilling Contractor: Gasco
 Date drilling completed: 7/28/2006 Rig Type: Rotary Cable Tool
 Driller's Total Depth (feet): 5,777
 Log Total Depth (feet): 5,781 Formation At Total Depth Cleveland Shale

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

Permitted State Plane X 877,308 Final Plat State Plane X: 877,306
 Permitted State Plane Y: 282,266 Final Plat State Plane Y: 282,272

Plat Previously Submitted Or...

List of Attached Items:

Description	FileName
final plat 536760	V-536760a final plat.tif

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
coal seams	coal seams.doc

Gas and Oil Shows

List of Attached Items:

Description	FileName
gas shows	gas 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
surveys	surveys.doc

6. Casing and Tubing Program

List of Attached Items:

Description	FileName
csg & tbg	csg info.doc
tbg	tbg.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
formations	formations.doc

9. Comments

10. Signature

Permitee: Equitable Production Company Date: 3/26/2007 (Company)

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

INTERNAL USE ONLY

Submit Date: 3/26/2007

Status: Inspr Approved

Date: 3/27/2007

Final PDF Date: 3/27/2007

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-536760
N 282271.90
E 877305.80
LAT 37.045784°
LON -82.347845°

LEASE No. 241490 / T-145
DAVID SMITH
789.42 ACRES
STANDARD BANNER COAL COMPANY - surface
DICKENSON-RUSSELL COAL COMPANY, LLC/ALPHA
LAND & RESERVES, LLC/ACIN, LLC/WBRD, LLC - coal
PINE MOUNTAIN OIL & GAS, INC. - oil, gas & CBM
GAS 112.69 AC.100.00%

LATITUDE 37°05'00"

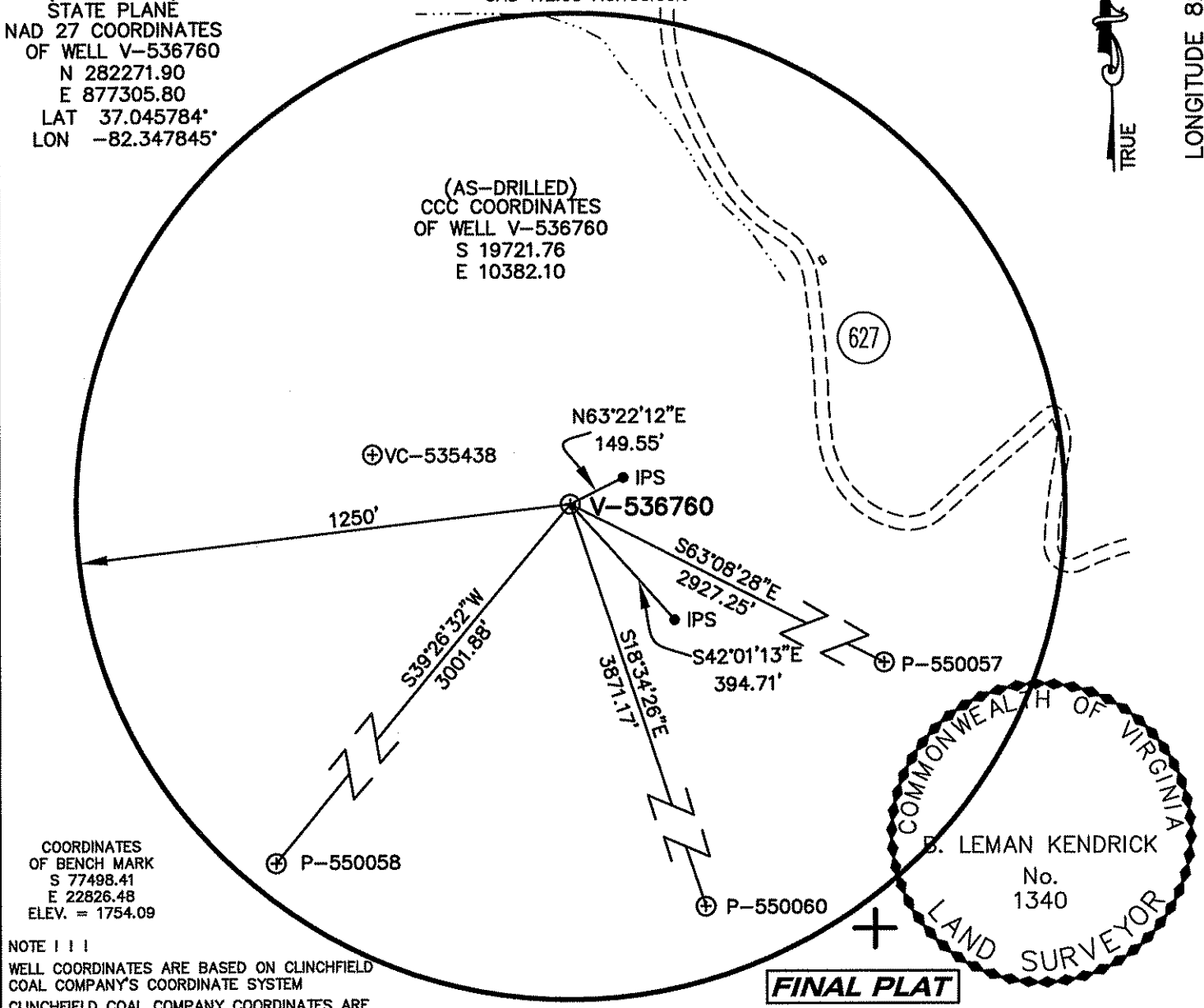
LONGITUDE 82°20'00"



13677'

(AS-DRILLED)
CCC COORDINATES
OF WELL V-536760
S 19721.76
E 10382.10

627



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.

FINAL PLAT

The undersigned hereby certifies that
the final location is within ten (10)
feet of the location shown on the
well plat dated MAY 22, 2006.

WELL LOCATION PLAT

COMPANY Equitable Production Company WELL NAME AND NUMBER V-536760

TRACT No. LEASE NO. 241490L/T-145 ELEVATION 2381.35 (GPS) QUADRANGLE NORA

COUNTY DICKENSON DISTRICT KENADY SCALE: 1" = 400' DATE JULY 19, 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 7/15/06

(AFFIX SEAL)

LICENSED PROFESSIONAL ENGINEER OR LICENSED LAND SURVEYOR

Coal Seams & Open Mines

<u>Type</u>	<u>From</u>
Coal	125'-26',420'-21',510'-11',750'-51',970'-71',1175'-76',
Coal	1450'-51',1615'-16',1720'-21',1790'-91',2035'-36',
Coal	2110'-2111',2620'-623'

Gas and Oil Shows

Gas Tests

<u>Depth</u>	<u>Remarks</u>
3,316	No Show
3,902	TSTM
4,905	TSTM
5,370	TSTM
5,621	TSTM

Survey Results

<u>Depth</u>	<u>Direction/Distance/Degrees From True Vertical</u>
198	1/4
385	1/4
575	1/4
764	1/4
954	1/4
1,143	1/4
1,333	1/4
1,523	1/4
1,713	1/4
1,902	1/4
2,091	1/4
2,280	1/4
2,470	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- 25	17 1/2				
11 3/4	0- 338	15	236.00		07/19/2006	99
7	0- 2662	8 7/8	682.60		07/24/2006	440
4 1/2	0- 5709	6 1/4	457.30		07/27/2006	

Tubing Size
2 3/8

Footage
5,514.75

Drillers Log

<u>Formation Name</u>	<u>Depth Top</u>	<u>Depth Bottom</u>	<u>Formation Thickness</u>
Base LEE	2,686.00	0.00	0.00
RVCF	3,142.00	3,282.00	140.00
AVIS	3,282.00	3,346.00	64.00
MXTN	3,732.00	0.00	0.00
LLIM	4,150.00	4,224.00	74.00
BGLM	4,224.00	4,834.00	610.00
WEIR	4,834.00	5,068.00	234.00
WEIR Sh	5,068.00	5,409.00	341.00
SNBY	5,409.00	5,484.00	75.00
BEREA	5,484.00	5,597.00	113.00
CLEV	5,597.00	0.00	0.00