



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: 150
 Company: Equitable Production Company
 File Number: DI-1498
 Operations Name: V-536782 W/PL
 Operation Type: Gas/Pipeline
 Drilling Report Type: Original

DRILLING REPORT (DGO-GO-14)

1. Drilling Data

Date drilling commenced: 8/14/2006 Drilling Contractor: Gasco
 Date drilling completed: 8/23/2006 Rig Type: Rotary Cable Tool
 Driller's Total Depth (feet): 5,192
 Log Total Depth (feet): 5,196 Formation At Total Depth Cleveland Shale

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

Permitted State Plane X: 848,720 Final Plat State Plane X: 848,715
 Permitted State Plane Y: 291,091 Final Plat State Plane Y: 291,097

Plat Previously Submitted Or...

List of Attached Items:

Description	FileName
final plat 536782	V-536782 final plat.tif

3. Geological Data

Fresh Water At:

Depth (in feet)	Rate	Unit of Measure
357	wet	INCH
65	2" - 3"	INCH

Salt Water At:

Depth (in feet)	Rate	Unit of Measure
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Coal Seams

List of Attached Items:

Description	FileName
coal seams 536782	Coal Seams.doc

Gas and Oil Shows

List of Attached Items:

Description	FileName
gas shows 536782	Gas and Oil 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 536782	Survey Results.doc

6. Casing and Tubing Program

List of Attached Items:

Description	FileName
csg 536782	Casing Data.doc
tbg 536782	Tubing Size.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
driller's log 536782	Drillers Log.doc

9. Comments

Kathy w/Erex called and asked this be rejected. The plat was not attached.

10. Signature

Permitee: Equitable Production Company Date: 4/2/2007 (Company)

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

INTERNAL USE ONLY

Submit Date: 4/2/2007

Status: Inspr Approved

Date: 4/2/2007

Final PDF Date: 4/3/2007

TOTAL UNIT AREA
= 112.69 ACRES

8841'

LATITUDE 37°05'00"

FINAL PLAT

--- DENOTES COAL TRACT
- - - DENOTES SURFACE LINE
- - - DENOTES SURFACE & MINERAL TRACT

The undersigned hereby certifies that the final location is within ten (10) feet of the location shown on the well plat dated February 13, 2006.

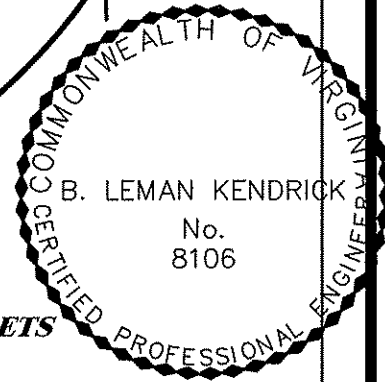
(AS-DRILLED)
STATE PLANE
NAD 27 COORDINATES
OF WELL V-536782
N 291097.41
E 848715.42
LAT 37.066763°
LON -82.446985°

(AS-DRILLED)
CCC COORDINATES
OF WELL V-536782
S 12083.40
W 18533.16

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.

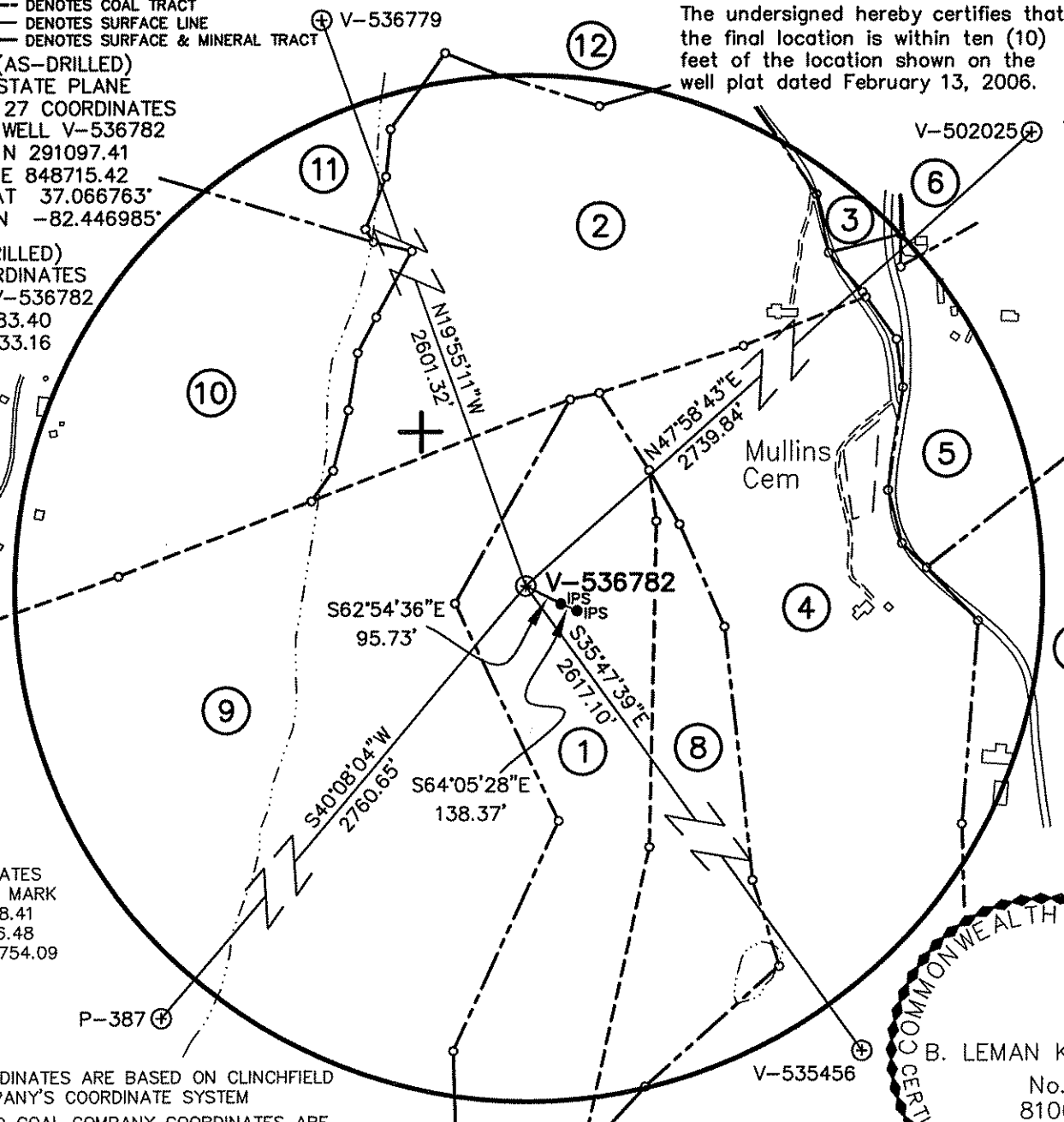
NOTE !!
SEE WELL PLAT SUPPLEMENT SHEETS 2 & 3 FOR TRACT INFORMATION.



LONGITUDE 82°25'00"

6039'

TRUE



WELL LOCATION PLAT

COMPANY Equitable Production Company WELL NAME AND NUMBER V-536782

TRACT No. LEASE NO. 904576L ELEVATION 2235.68 (GPS) QUADRANGLE CANEY RIDGE

COUNTY DICKENSON DISTRICT KENADY SCALE: 1" = 400' DATE AUGUST 16, 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 8/16/06

(AFFIX SEAL)

LICENSED PROFESSIONAL ENGINEER OR LICENSED LAND SURVEYOR

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1

LEASE No. 904576L
P.H. KENNEDY / DI-18
15.15 ACRES
ACIN, LLC - surface, coal, oil & gas
GAS 12.76 AC. 11.32%

2

LEASE No. 906298
CARNELL & JANE SALYERS
20.20 ACRES
A.A. KENNEDY / DI-21
ACIN, LLC - coal
CARNELL & JANE SALYERS. - surface, oil & gas
GAS 18.05 AC. 16.02%

3

LEASED
DAVID L. & KIMBERLY D. PROULEX
6.41 ACRES
A.A. KENNEDY / DI-21
ACIN, LLC - coal
DAVID L. & KIMBERLY D. PROULEX - surface, oil & gas
GAS 0.58 AC. 0.51%

4

LEASE No. 905058
CAROLYN S. ROSE
62.00 ACRES
A.A. KENNEDY / DI-21
F.T. KENNEDY / DI-16 & DI-17
ACIN, LLC - coal
CAROLYN S. ROSE - surface, oil & gas
GAS 20.60 AC. 18.28%

5

UNLEASED
HOWARD L. ESTEP
13.84 ACRES
W.E. ROSE / DI-37
F.T. KENNEDY / DI-16 & DI-17
A.A. KENNEDY / DI-21
ACIN, LLC - coal
HOWARD L. ESTEP - surface, oil & gas
GAS 4.18 AC. 3.71%

6

UNLEASED
VERNA LEA SMITH
2.50 ACRES
W.E. ROSE / DI-37
ACIN, LLC - coal
VERNA LEA SMITH - surface, oil & gas
GAS 0.06 AC. 0.06%

7

UNLEASED
WILLIAM D. & BARBARA VICARS
8.00 ACRES
F.T. KENNEDY / DI-16
ACIN, LLC - coal
WILLIAM D. & BARBARA VICARS - surface, oil & gas
GAS 2.82 AC. 2.50%

8

LEASE No. 904576L
F.T. KENNEDY - DI-16
220.130 ACRES
ACIN, LLC - surface, coal, oil & gas
GAS 7.08 AC. 6.28%

9

LEASE No. 241493L
STEINMAN DEVELOPMENT CO.
1880.00 ACRES
STEINMAN DEVELOPMENT CO. - surface, coal, oil & gas
GAS 30.98 AC. 27.49%

10

UNLEASED
TIVIS ROSE ESTATE
31.00 ACRES
P.H. KENNEDY / DI-24
A.A. KENNEDY / DI-21
ACIN, LLC - coal
TIVIS ROSE ESTATE - surface, oil & gas
GAS 13.25 AC. 11.76%

11

LEASED
THEODORE GRAY & CASSIE EDWARDS
29.80 ACRES
A.A. KENNEDY / DI-21
ACIN, LLC - coal
THEODORE GRAY & CASSIE EDWARDS - surface, oil & gas
GAS 2.04 AC. 1.81%

12

LEASED
JENNIFER S. EDWARDS
6.20 ACRES
A.A. KENNEDY / DI-21
ACIN, LLC - coal
JENNIFER S. EDWARDS - surface, oil & gas
GAS 0.29 AC. 0.26%

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THOMPSON & LITTON

40 Main Street
P.O. Box 1869
Clintwood, Virginia 24228

EQUITABLE PRODUCTION COMPANY
WELL No. V-536782
WELL PLAT SUPPLEMENT
SHEET 2

PROJECT No.:
8184 PLAT

SCALE: 1" = 400'

DATE: AUGUST 16, 2006

Coal Seams & Open Mines

<u>Type</u>	<u>From</u>
Coal	90'-91',225'-26',385'-86',440'-41',570'-71',600'-01',
Coal	795'-96',820'-21',865'-66',950'-51',1030'-31',
Coal	1150'-51',1310'-11',1530'-31',2065'-66',2230'-31',
Coal	2445'-48',2480'-83'

Gas and Oil Shows

Gas Tests

<u>Depth</u>	<u>Remarks</u>
3,159	No Show
3,723	No Show
4,475	TSTM
4,913	TSTM
5,007	TSTM

Survey Results

<u>Depth</u>	<u>Direction/Distance/Degrees From True Vertical</u>
200	1/4
387	1/4
576	1/4
765	1/4
954	1/4
1,144	1/4
1,333	1/4
1,522	1/4
1,712	1/4
1,901	1/4
2,089	1/2
2,278	1/2
2,470	1/2
2,500	1/2

Casing Data

Casing Outside Diameter	Casing Interval	Hole Size	Cement used in Cu. ft.	Cmtd To Surface	Date Cemented Cement Baskets
16	19	17 1/2			
11 3/4	336	15	236.00	08/15/2006	39
7	2489	8 7/8	641.40	08/17/2006	357
4 1/2	5152	6 3/8	403.50	08/23/2006	

Tubing
Size
2 3/8

Footage
5,011.85

Drillers
Log

<u>Formation Name</u>	<u>Depth Top</u>	<u>Depth Bottom</u>	<u>Formation Thickness</u>
Base LEE	0.00	2,430.00	2,430.00
RVCF	2,999.00	3,046.00	47.00
AVIS	3,046.00	3,100.00	54.00
MXTN	3,466.00	3,561.00	95.00
LLIM	3,831.00	3,896.00	65.00
BGLM	3,896.00	4,465.00	569.00
WEIR	4,465.00	4,660.00	195.00
WEIR Sh	4,660.00	4,892.00	232.00
SNBY	4,892.00	4,970.00	78.00
BEREA	4,970.00	5,000.00	30.00
CLEV	5,000.00	0.00	0.00