



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: 173
Company: Equitable Production Company
File Number: DI-1560
Operations Name: V-536101 W/PL
Operation Type: Gas/Pipeline
Drilling Report Type: Original

DRILLING REPORT (DGO-GO-14)

1. Drilling Data

Date drilling commenced: 11/7/2006 Drilling Contractor: Gasco
Date drilling completed: 11/13/2006 Rig Type: Rotary Cable Tool
Driller's Total Depth (feet): 5,934
Log Total Depth (feet): 5,955 Formation At Total Depth Olentangy

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

Permitted State Plane X 909,431 Final Plat State Plane X: 909,428
Permitted State Plane Y: 328,951 Final Plat State Plane Y: 328,954

Plat Previously Submitted Or...

List of Attached Items:

Description	FileName
final plat 536101	V-536101 final plat.tif

3. Geological Data

Fresh Water At:

Depth (in feet)	Rate	Unit of Measure
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Salt Water At:

Depth (in feet)	Rate	Unit of Measure
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Coal Seams

List of Attached Items:

Description	FileName
coal seams 536101	Coal Seams.doc

Gas and Oil Shows

List of Attached Items:

Description	FileName
gas shows 536101	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 536101	Survey Results.doc

6. Casing and Tubing Program

List of Attached Items:

Description	FileName
csg 536101	Casing Data.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
drillers log 536101	Drillers Log.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: 3/26/2007

Final PDF Date: 3/27/2007

TOTAL UNIT AREA

= 112.69 ACRES

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

FINAL PLAT

LATITUDE 37°12'30"

The undersigned hereby certifies that the final location is within ten (10) feet of the location shown on the well plat dated JULY 5, 2006.

LONGITUDE 82°12'30"

11249'

(AS-DRILLED)
STATE PLANE
NAD 27 COORDINATES
OF WELL V-536101
N 328954.22
E 909428.39
LAT 37.177447°
LON -82.244209°

(AS-DRILLED)
CCC COORDINATES
OF WELL V-536101
N 28216.33
E 40608.53

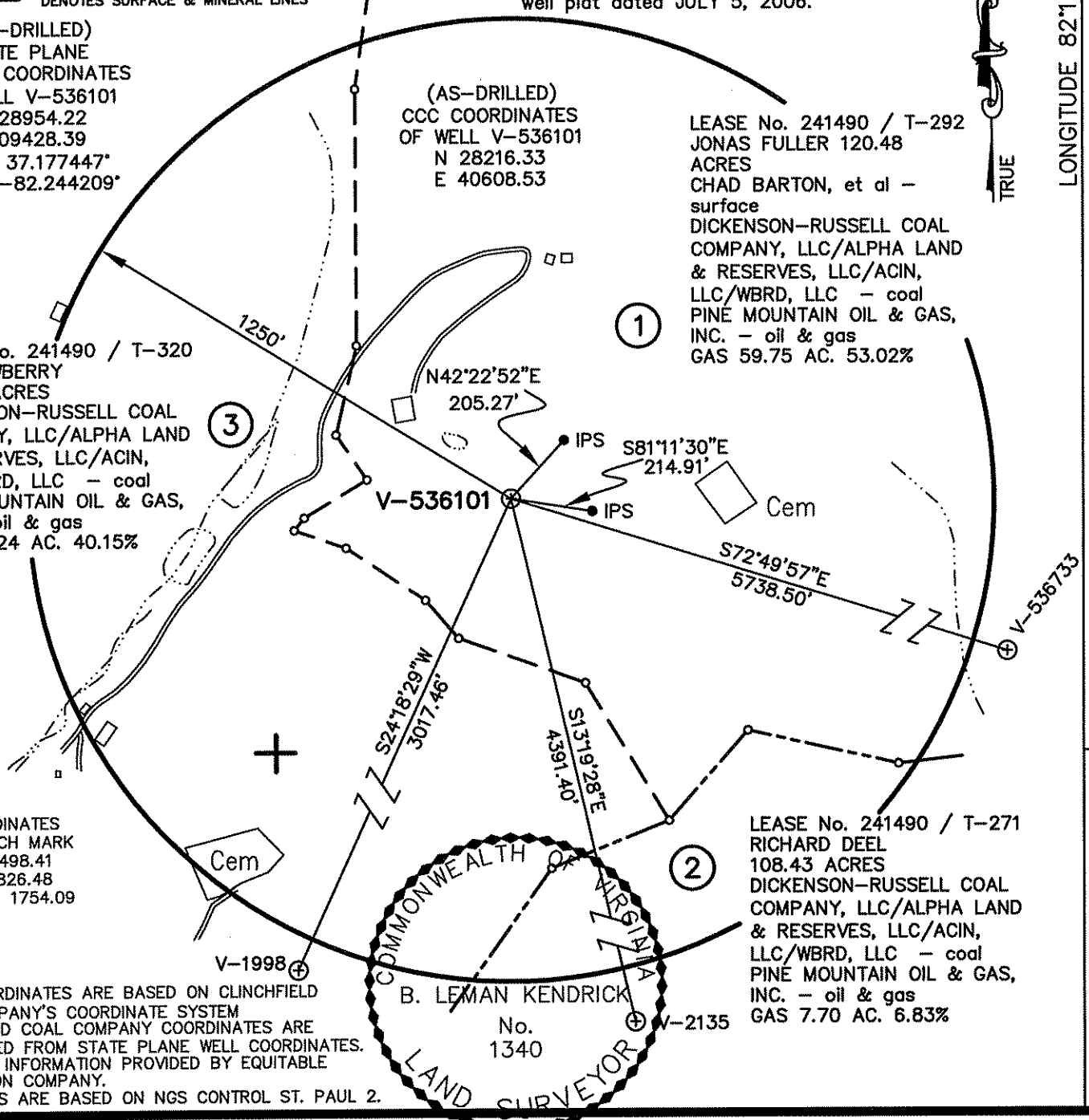
LEASE No. 241490 / T-292
JONAS FULLER 120.48
ACRES
CHAD BARTON, et al -
surface
DICKENSON-RUSSELL COAL
COMPANY, LLC/ALPHA LAND
& RESERVES, LLC/ACIN,
LLC/WBRD, LLC - coal
PINE MOUNTAIN OIL & GAS,
INC. - oil & gas
GAS 59.75 AC. 53.02%

LEASE No. 241490 / T-320
S.E. NEWBERRY
191.44 ACRES
DICKENSON-RUSSELL COAL
COMPANY, LLC/ALPHA LAND
& RESERVES, LLC/ACIN,
LLC/WBRD, LLC - coal
PINE MOUNTAIN OIL & GAS,
INC. - oil & gas
GAS 45.24 AC. 40.15%

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-536101
TRACT No. LEASE NO. 241490L/T-292 ELEVATION 1767.26 (GPS) QUADRANGLE PRATER
COUNTY DICKENSON DISTRICT SANDLICK SCALE: 1" = 400' DATE NOVEMBER 8, 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 11/8/06

(AFFIX SEAL)

LICENSED PROFESSIONAL ENGINEER OR LICENSED LAND SURVEYOR

Coal Seams & Open Mines

<u>Type</u>	<u>From</u>
Coal	170'-71',270'-71',360'-61',510'-11',630'-31',
Coal	835'-36',910'-11',1050'-51',1320'-21',1615'-16',
Coal	1900'-01',1965'-68'

Gas and Oil Shows

Gas Tests

<u>Depth</u>	<u>Remarks</u>
196	No Show
384	No Show
573	No Show
763	No Show
952	No Show
1,141	No Show
2,687	TSTM
3,377	TSTM
3,615	103 mcf
4,092	84 mcf
4,680	84 mcf
4,774	84 mcf
5,934	59 mcf

Survey Results

<u>Depth</u>	<u>Direction/Distance/Degrees From True Vertical</u>
196	1/4
384	1/4
573	1/4
763	1/4
952	1/4
1,141	1/4
1,330	1/4
1,520	1/2
1,709	1/2
1,898	1/2

Casing Data

Casing Outside Diameter	Casing Interval	Hole Size	Cement used in Cu. ft.	Date Cemented Cmtd To Surface	Cement Baskets
16	22	17 1/2			
11 3/4	316	15	224.20	11/08/2006	88 & 96
7	1907	8 7/8	549.40	11/09/2006	407
4 1/2	5875	6 1/2	551.45	11/12/2006	

Drillers
Log

<u>Formation Name</u>	<u>Depth Top</u>	<u>Depth Bottom</u>	<u>Formation Thickness</u>
Base LEE	1,906.00	0.00	0.00
RVCF	2,652.00	2,686.00	34.00
AVIS	2,686.00	2,718.00	32.00
MXTN	2,856.00	0.00	0.00
LLIM	3,457.00	3,528.00	71.00
BGLM	3,528.00	4,100.00	572.00
WEIR	4,100.00	4,288.00	188.00
WEIR Sh	4,288.00	4,644.00	356.00
SNBY	4,644.00	4,724.00	80.00
BEREA	4,724.00	4,810.00	86.00
CLEV	4,810.00	0.00	0.00
LHRN	5,536.00	5,752.00	216.00
OLNG	5,752.00	0.00	0.00