



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: 48  
 Company: Equitable Production Company  
 File Number: DI-1360  
 Operations Name: V-536099 W/PL  
 Operation Type: Gas/Pipeline  
 Drilling Report Type: Original

### DRILLING REPORT (DGO-GO-14)

#### 1. Drilling Data

Date drilling commenced: 4/10/2006      Drilling Contractor: GASCO  
 Date drilling completed: 4/15/2006      Rig Type:  Rotary     Cable Tool  
 Driller's Total Depth (feet): 6,120  
 Log Total Depth (feet): 6,122      Formation At Total Depth: Olentangy

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

Permitted State Plane X: 915,343      Final Plat State Plane X: 46,844  
 Permitted State Plane Y: 320,731      Final Plat State Plane Y: 20,237

Plat Previously Submitted Or...

List of Attached Items:

Description	FileName
536099	536099 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
536099	536099 COAL SEAMS.jpg

**Gas and Oil Shows**

List of Attached Items:

Description	FileName
536099	536099 GAS 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
536099	536099 SURVEY.jpg

**6. Casing and Tubing Program**

List of Attached Items:

Description	FileName
536099	536099 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.

**8. Drillers Log**

Compiled By: TODD TETRICK

List of Attached Items:

Description	FileName
536099	536099 DRILLERS LOG.pdf

**9. Comments**

**10. Signature**

Permitee: Equitable Production Company Date: 11/21/2006 (Company)

Signed By: TODD TETRICK Title: MANAGER (Signature)

**INTERNAL USE ONLY**

Submit Date: 11/21/2006

Status: Inspr Approved

Date: 11/22/2006

Final PDF Date: 2/1/2007

DI-1360

4,210'

4,080'

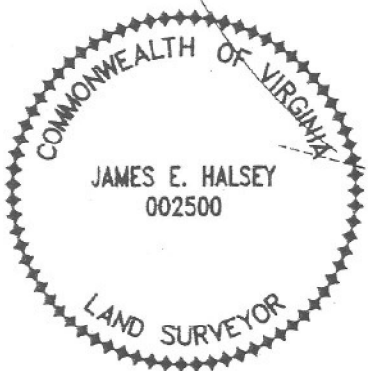
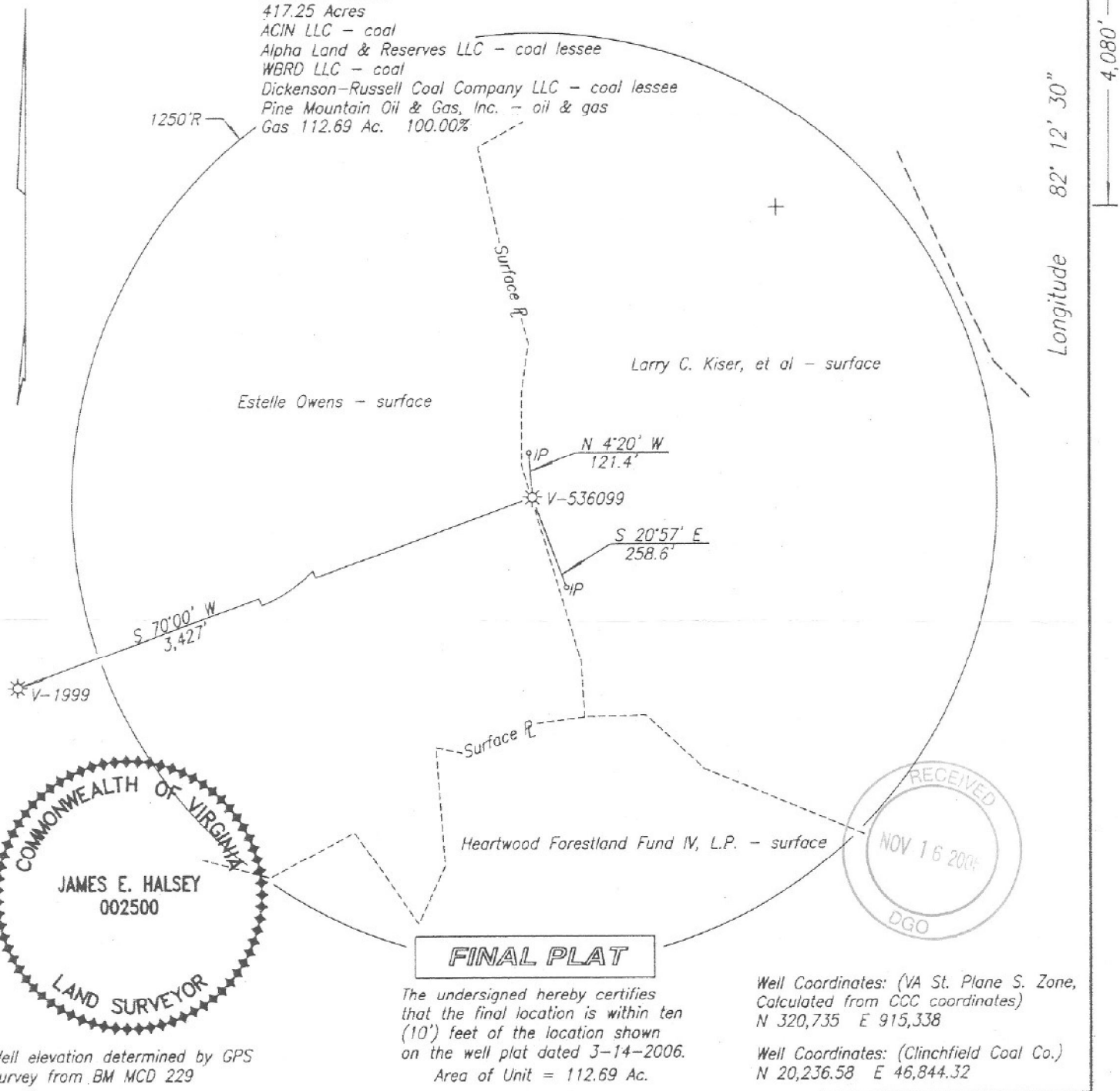
Well Coordinates: (Geographic N27)  
37.155530° -82.222829°

Latitude 37° 10' 00"

Longitude 82° 12' 30"

Lease No. 241490L / T-337  
Almareen Owens  
417.25 Acres  
ACIN LLC - coal  
Alpha Land & Reserves LLC - coal lessee  
WBRD LLC - coal  
Dickenson-Russell Coal Company LLC - coal lessee  
Pine Mountain Oil & Gas, Inc. - oil & gas  
Gas 112.69 Ac. 100.00%

1250'R



**FINAL PLAT**

The undersigned hereby certifies that the final location is within ten (10') feet of the location shown on the well plat dated 3-14-2006.  
Area of Unit = 112.69 Ac.

Well Coordinates: (VA St. Plane S. Zone, Calculated from CCC coordinates)  
N 320,735 E 915,338

Well Coordinates: (Clinchfield Coal Co.)  
N 20,236.58 E 46,844.32

Well elevation determined by GPS survey from BM MCD 229

WELL LOCATION PLAT

COMPANY Equitable Production Company WELL NAME AND NUMBER V-536099  
TRACT NO. T-337 ELEVATION 1,922.6' QUADRANGLE Prater  
COUNTY Dickenson DISTRICT Sandlick SCALE 1" = 400' DATE 4-10-2006  
This Plat is a new plat   ; an updated plat   ; or a final location plat x

+ 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.

James E. Halsey  
Licensed Professional Engineer or Licensed Land Surveyor

**Coal Seams & Open Mines**

<u>Type</u>	<u>From</u>
Coal	39'-40',75'-76',225'-26',550'-51',60'-31',650'-51',
Coal	770'-71',800'-01',1020'-21',1165'-66',1350'-54',
Coal	1554'-55',2008'-09

**Gas and Oil Shows****Gas Tests**

<u>Depth</u>	<u>Remarks</u>
2,935	No Show
3,621	No Show
4,279	TSTM
4,840	TSTM
4,965	TSTM
6,120	TSTM

**Survey Results**

<u>Depth</u>	<u>Direction/Distance/Degrees From True Vertical</u>
198	1/4
385	1/4
572	1/4
761	1/4
951	1/4
1,152	1/4
1,341	1/4
1,530	1/4
1,719	1/4
1,908	1/4
2,097	1/4

**Casing Data**

Casing Outside Diameter	Casing Interval	Hole Size	Cement used in Cu. ft.	Cmtd To Surface	Date Cemented	Cement Baskets
16	0- 20	17 1/2				
11 3/4	0- 316	15	271.40		04/10/2006	88
7	0- 2175	8 7/8	579.20	Y	04/12/2006	397
4 1/2	0- 6084	6 1/2	578.35		04/15/2006	

**Tubing Size**

2 3/8

**Footage**

5,884.70



**Drillers Log**


Permit: 6700

Well: V536099

<u>Formation Name</u>	<u>Depth Top</u>	<u>Depth Bottom</u>	<u>Formation Thickness</u>
Base LEE	2,174.00	2,706.00	532.00
RVCF	2,706.00	2,782.00	76.00
AVIS	2,782.00	3,276.00	494.00
MXTN	3,276.00	3,600.00	324.00
LLIM	3,600.00	3,668.00	68.00
BGLM	3,668.00	4,238.00	570.00
WEIR	4,238.00	4,478.00	240.00
WEIR Sh	4,478.00	4,842.00	364.00
SNBY	4,842.00	4,898.00	56.00
BEREA	4,898.00	4,959.00	61.00
CLEV	4,959.00	5,766.00	807.00
LHRN	5,766.00	5,969.00	203.00
OLNG	5,969.00	6,120.00	151.00

**Total Depth of Well:** 6,120.00

Permitee: EQUITABLE PRODUCTION COMPANY (Company)

By:  (Signature)  
11/12/06