



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: 582
 Company: Dart Oil & Gas
 File Number: TA-0191
 Operations Name: Johnson et al #1
 Operation Type: Gas
 Drilling Report Type: Original

DRILLING REPORT (DGO-GO-14)

1. Drilling Data

Date drilling commenced: 5/23/2002 Drilling Contractor: INDRIL
 Date drilling completed: 6/30/2002 Rig Type: Rotary Cable Tool
 Driller's Total Depth (feet): 5,315
 Log Total Depth (feet): 0 Formation At Total Depth CHATTANOOGA SHALE

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

Permitted State Plane X 1,162,560 Final Plat State Plane X: 1,162,560
 Permitted State Plane Y: 352,546 Final Plat State Plane Y: 352,546
 Plat Previously Submitted Or...

List of Attached Items:

Description	FileName
JOHNSON ET AL #1 PLAT	JC1PLAT.pdf

3. Geological Data

Fresh Water At:

Depth (in feet)	Rate	Unit of Measure
220	2	INCH
230	3	INCH

Salt Water At:

Depth (in feet)	Rate	Unit of Measure
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Coal Seams

List of Attached Items:

Description	FileName
JOHNSON ET AL #1 SEAMS	J1SEAMS.pdf

Gas and Oil Shows

List of Attached Items:

Description	FileName
JOHNSON ET AL #1 SHOWS	V1SHOWS.pdf

4. Electric Logs (As required by 4VAC25-150-280.A.)

List all logs run: PHOTO DENSITY DIGITAL DUAL INDUCTION EPITHERMAL 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
JOHNSON ET AL #1 SURVEY	V1SURVEY.pdf

6. Casing and Tubing Program

List of Attached Items:

Description	FileName
JOHNSON ET AL #1 CASING	J1CASING.pdf

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
JOHNSON ET AL #1 DRILLER'S LOG	J1DRILL.pdf

9. Comments

10. Signature

Permitee: Dart Oil & Gas Date: 8/3/2007 (Company)

Signed By: RICHARD HINKLEY Title: ENGINEERING MGR (Signature)

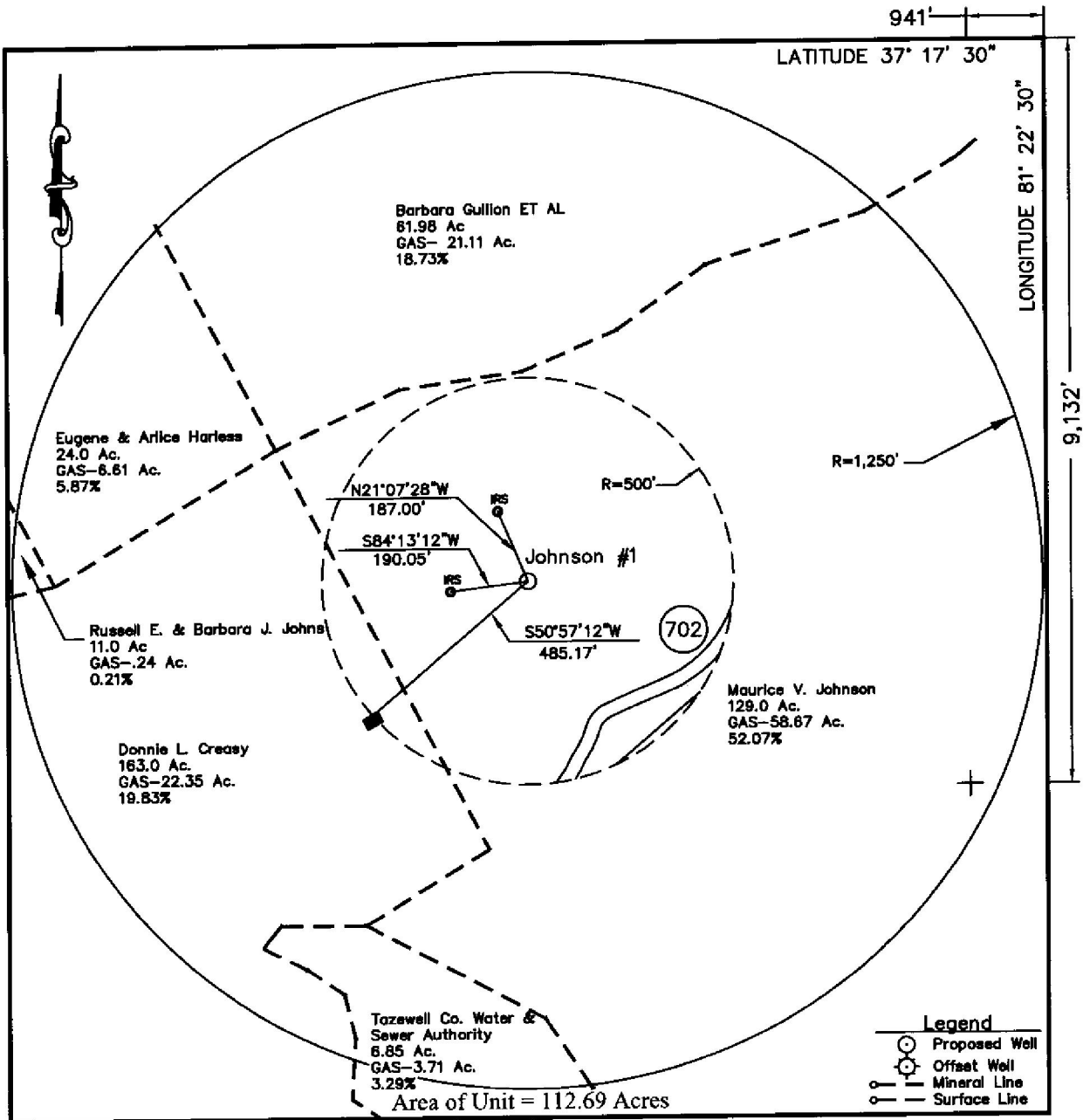
INTERNAL USE ONLY

Submit Date: 8/3/2007

Status: Inspr Approved

Date: 8/10/2007

Final PDF Date: 8/10/2007



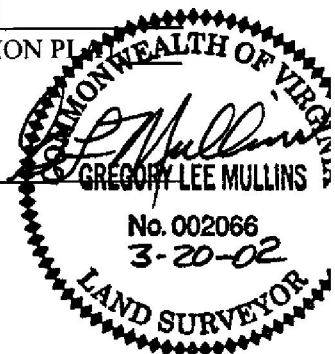
WELL LOCATION PLAT

COMPANY: DART OIL & GAS CORPORATION WELL NAME OR NUMBER: JOHNSON #1
 TRACT NUMBER: MAURICE V. JOHNSON TR. QUADRANGLE: ANAWALT
 DISTRICT: CLEAR FORK
 WELL COORDINATES (VIRGINIA STATE PLANE): N - 352,545.53 E - 1,162,559.57
 ELEVATION: 2,695.76' METHOD USED TO DETERMINE ELEVATION:
G.P.S. Observation from 0026

COUNTY: TAZEWELL SCALE: 1" = 400' DATE: 03-20-02
 THIS PLAT IS A NEW PLAT X; AN UPDATED PLAT ; OR A FINAL LOCATION PLAT

+ 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 (optional).

Licensed Land Surveyor (Affix Seal)



Coal Seams

NAME	TOP	BOTTOM	THICKNESS	MINING IN AREA		MINED OUT
				YES	NO	
NA						

Form DGO-GO-14
Rev. 1/98

Gas and Oil Shows

FORMATION	TOP	BOTTOM	THICKNESS	IPF (MCFD/BOPD)	PRESSURE	HOURS TESTED
no shows						

ELECTRIC LOGS AND SURVEYS

List logs ran on wellbore: Photo Density Digital Dual Induction Epithermal Neutron

Did logs disclose vertical location of a coal seam? Yes No

SURVEY RESULTS

Depth Of Survey	Direction/Distance/ Degrees From True Vertical	Depth Of Survey	Direction/Distance Degrees From True Vertical
370'	2 1/2°	4304'	7°
484'	3 1/2°	4493'	7°
709'	5°		
723'	3°		
818'	7°		
849'	7°		
912'	6 1/2°		
1145'	5 1/2°		
1472'	7°		
1800'	5 3/4°		
1804'	3°		
2139'	2 1/4°		
2440'	1 3/4°		
3525'	3/4°		
3800'	1 1/4°		

Use additional sheets as necessary

CASING AND TUBING PROGRAM

	Casing	Casing Interval	Hole Size	Cement Used In Cu/Ft	Cemented To Surface		Date Cemented	Packers Or Bridge Plugs Kind/Size/Set
					Yes	No		
Conductor	20"	60'	24"	47.2		X	6/10/02	
Surface								
Water Protection	13 3/8"	676'	17 1/2"	826	X		6/13/02	
Coal Protection								
Intermediate Casing	7"	3622'	12 1/4"	204		X	6/22/02	
Other Casing And Tubing Left In Well								
Liners								

_____ depths and dates, caving, lost circulation, etc.:

DRILLER'S LOG

Compiled by: Tom O'Neill, Geologist

Geologic Age	Formation	General Lithology	Color	Depth		Thickness	Remarks
				Top	Bottom		
Mississippian	Hinton	Shale & Sandstone		0	913'		
Mississippian	Little Lime (Bluefield)	Limestone		913'	1004'		
Mississippian	Bluefield	Shale & Limestone		1004'	1176'		
Mississippian	Big Lime	Limestone, Dolomite, Anhydrite		1176'	2652'		
Mississippian	Weir	Shale & Siltstone		2652'	3005'		
Mississippian	Lower Weir	Sandstone, vfg		3005'	3165'		
Mississippian	Lower Weir	Shale & Siltstone		3165'	3322'		
Mississippian	Upper Berea	Shale, Siltstone & Sandstone, vfg		3322'	3480'		
Mississippian	Lower Berea	Sandstone, vfg, Siltstone & Shale		3480'	3778'		
Mississippian	Chattanooga Shale	Shale, gray, tr brown & Siltstone tr Sandstone		3778'	4686'		
Mississippian	Lower Weir	Shale		4686'	4766'		
Mississippian	Upper Berea	Sandstone, vfg, Shale & Siltstone		4766'	4928'		
Mississippian/ Devonian	Chattanooga Shale	Shale, gray & Siltstone tr Sandstone		4928'	5315'		

Permittee: Richard E. Hinkley, Dart Oil & Gas Corporation (Company)

By: *Richard E. Hinkley* (Signature)