

NOTES:
 All known oil & gas wells within 2,400' of the proposed well location are shown hereon.
 The bearings and distances shown hereon are based on the WV State Plane Coordinate System, South Zone, NAD '27.

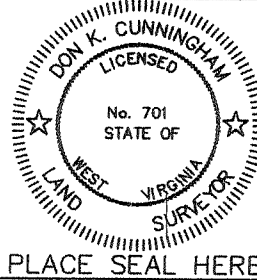
Coordinates for Well Location No. T.D. Casto #1
 West Virginia State Plane South Zone NAD '27
 N 625,300.74 : E 1,796,635.82

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. _____
 DRAWING NO. 1-WW6.dwg
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 : 12,729
 PROVEN SOURCE OF ELEVATION Global Positioning System (GPS)

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY THE LAW AND THE REGULATIONS AND ISSUED PRESCRIBED BY THE DEPARTMENT OF ENERGY.

(SIGNED) Don K. Cunningham
 R.P.E. _____ L.L.S. 701



STATE OF WEST VIRGINIA
 DIVISION OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL AND GAS



DATE August 11, 2005
 OPERATOR'S WELL NO. T.D. Casto #1
 API WELL NO. _____

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 677.69' WATER SHED Parchment Creek
 DISTRICT Ripley COUNTY Jackson
 QUADRANGLE Kenna
 SURFACE OWNER Wayne D. Crawford (Tax Map 38, Parcel 24.3) ACREAGE 38.60
 OIL & GAS ROYALTY OWNER T.D. Casto LEASE ACREAGE 143.0

LEASE NO. 47-874
 PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION Oriskany ESTIMATED DEPTH 4,946'
 WELL OPERATOR Cabot Oil & Gas Corp. DESIGNATED AGENT Thomas S. Liberatore
 ADDRESS P.O. Box 1473 ADDRESS P.O. Box 1473
Charleston, WV 25325 Charleston, WV 25325

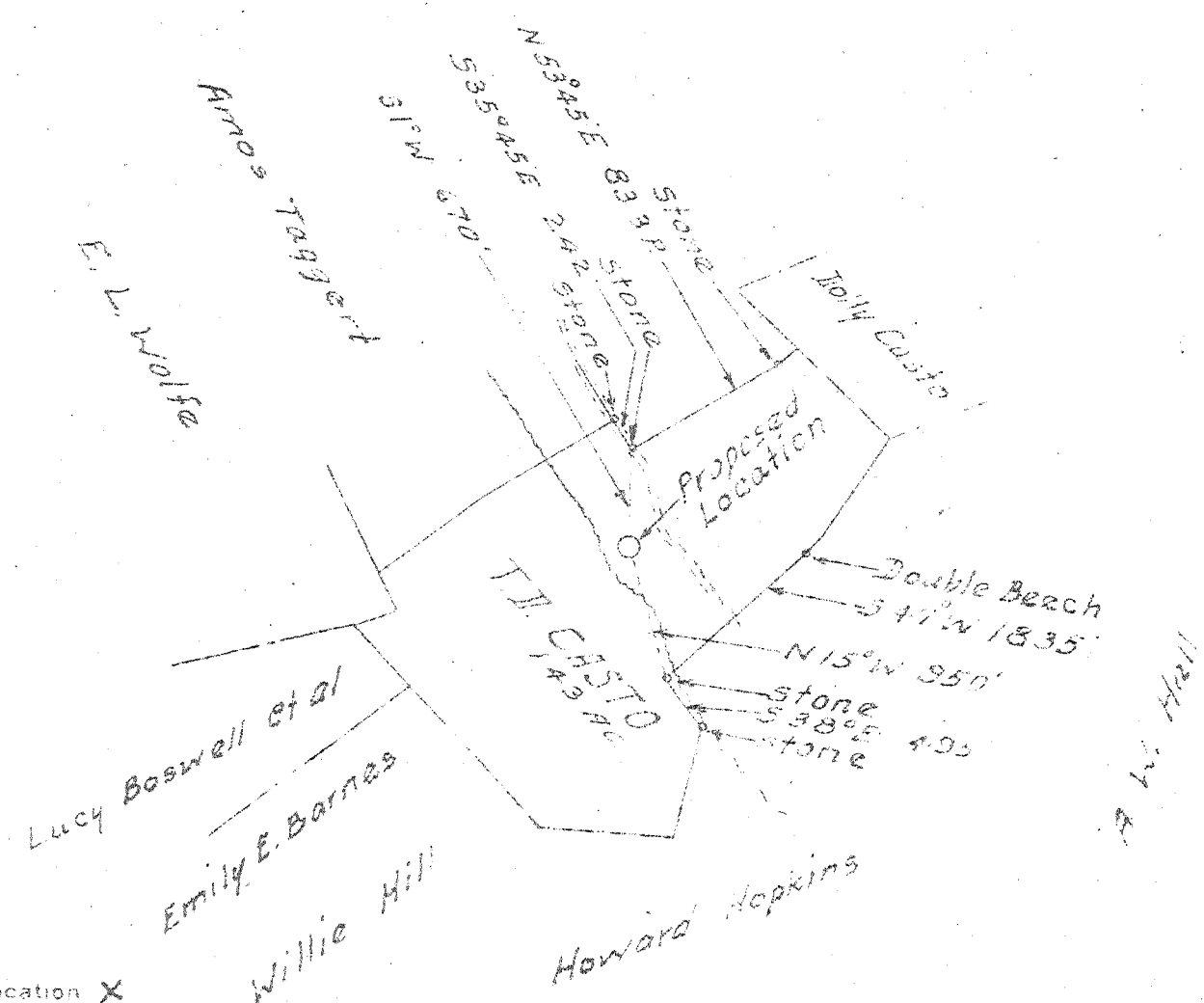
STH 8/15/2005 NOV 18 2005

Latitude 38 45

Longitude 81 40



2.43-S
~~2.46 S~~
~~2.55 W~~
2.53-W



New Location X
Drill Deeper
Abandonment

Company Godfrey L. Cabot, Inc.
Address 900 Union Bldg. Charleston, W. Va.
Farm T. D. Casto
Tract _____ Acres 1.43 Lease No. 3-874
Well (Farm) No. 1 Serial No. 1234
Elevation (Spirit Level) 682.30 (R.F.)
Quadrangle Kenna - N.W.
County Jackson District Ripley
Engineer _____
Engineer's Registration No. _____
File No. _____ Drawing No. _____
Date _____ Scale 1" = 1320'

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON

WELL LOCATION MAP

FILE NO. JAC-547

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines, as shown.
- Denotes one inch spaces on border line of original tracing.

Deep well

WEST VIRGINIA DEPARTMENT OF MINES
OIL & GAS DIVISION
W E L L R E C O R D

Gas Well
CASING & TUBING

Permit No. Jac 547

Kenna Quad.			
Company	Godfrey L. Cabot, Inc.		
Address	Charleston, W.Va.	10 $\frac{3}{4}$ 32.75	199 Same *
Farm	T.D. Casto Acres	8 5/8 24#	889 "
Location		7 20#	2109 "
Well No.	1-serial 1234 Elev. 682.30	RF 5 $\frac{1}{2}$ 17#	4854 "
District	Ripley Jackson County		
Surface		10" x 12" csg. shoe	
Mineral		8" x 12" " "	
Commenced	Feb. 12, 1947	7" x 8 5/8 x 16 Spang B.H.	
Completed	May 18, 1947	Packer # 22537	
Date shot	May 20, 1947- 35 qts.- 4923 to 4946	5 $\frac{1}{2}$ " x 7" x 15" Lead	
Open flow	2-1/3 hrs. A.S. 28/10ths M in 7"	#22682	
Volume	2,239 MCF		
Rock Pressure	1695 lbs. in 22 $\frac{1}{2}$ hrs. Oriskany		
Water	994 Show; 1220 H.F.; 3232		

Soil	0	14	Slate		3986	4025
Clay	14	25	Shale	Br	4025	4135
Red Rock	25	70	Slate & Shell		4135	4553
Slate	70	95	Shale	Br	4553	4660
Red Rock	95	119	Slate		4660	4781
Slate	119	215	Shale	Br	4781	4830
Red Rock	215	236	Corniferous	463	4830	4915
Slate	236	265	Oriskany		4915	4944
Red Rock	265	350	Lime	Bk - Held	4944	4946
Slate	350	390	SLM 4830; 4915		485	
Red Rock	390	424				
Slate	424	480	Gas 4107-4110 show			
Red Rock	480	515	Gas 4445-4450 show			
Slate	515	527	Gas 4295-4926 445 MCF			
Red Rock	527	560				
Slate	560	585				
Dunkard	585	615				
Red Rock	615	654				
Slate	654	660				
Red Rock	660	713				
Coal	713	720				
Slate	720	736				
Slate & Shell	736	820				
Lime	820	940				
Slate & Shell	940	990				
Sand	990	1054				
Slate	1054	1092				
Lime	1092	1100				
Sand	1100	1120				
Slate	1120	1125				
Coal	1125	1130				
Slate	1130	1170				
Salt Sand	1170	1256				
Slate	1256	1288				
Lime	1288	1311				
Sand	1311	1335				
Lime	1335	1385				
Slate & Shell	1385	1520				
Maxon - Salt Sand	1520	1710				
Big Lime } 340	1710	1870				
Keener	1870	1905				
Injun	1905	2000				
Slate	2000	2016				
Lime	2016	2026				
Weir	2026	2124	SLM 2109			
Slate & Shell	2124	2362				
Berea	2362	2395	Gas 2370			
Lime	2385	2450				
Slate & Shell	2450	3686				
Lime	3686	3730	Gas 3696-3698 show			
Slate & Shell	3730	3800				
Slate	3800	3920				
Shale	3920	3986				

WR-35

Date July 24, 2008
API # 47- 035 - 00547

State of West Virginia
Division of Environmental Protection
Section of Oil and Gas
Well Operator's Report of Well Work

Farm Name: Wayne D. Crawford Operator Well No.: T. D. Casto #1 Workover

LOCATION: Elevation: 678' Quadrangle: Kenna
District: Ripley County: Jackson
Latitude: 12727' feet South of 38° DEG. 45' MIN. 00" SEC.
Longitude: 1250' feet West of 81° DEG. 42' MIN. 30" SEC.

Company: Cabot Oil & Gas Corporation
900 Lee Street East, Suite 500
Charleston, WV 25301

Agent: Thomas S. Liberatore
Inspector: Jamie Stevens
Permit Issued: 11/16/2005
Well Work Commenced: January 13, 2006
Well Work Completed: April 22, 2006
Verbal Plugging: _____
Permission granted on: _____
Rotary X Cable _____
Total Depth (feet) PBTD @ 4305'
Fresh Water Depths (ft) See Original Permit
Salt Water Depths (ft) See Original Permit
Is coal being mined in area (Y / N) ? NO
Coal Depths (ft) See Original Permit 035-00547

Casing & Tubing Size	Used in Drilling	Left In Well	Cement Fill Up Cu. Ft.
10-3/4"	199'	199'	Existing
8-5/8"	889'	889'	Existing
7"	2109'	2109'	Existing
5-1/2"		4854'	Existing
3-1/2"		4305'	71
1-1/2"		4040'	
PLUG BACK SHOWN ON BACK PAGE			

OPEN FLOW DATA

Producing Formation <u>HURON SHALE</u>	Pay Zone _____
Gas: Initial Open Flow <u>TSTM</u> MCF/d	Depth (ft) <u>3931'-4144'</u>
Final Open Flow <u>520</u> MCF/d	Oil: Initial Open Flow <u>0</u> Bbl/d
Time of open flow between initial and final tests <u>4</u> Hours	Final Open Flow <u>0</u> Bbl/d
Static rock pressure <u>520</u> psig surface pressure after <u>592</u> Hours	

Second Producing Formation _____	Pay Zone _____
Gas: Initial Open Flow _____ MCF/d	Depth (ft) _____
Final Open Flow _____ MCF/d	Oil: Initial Open Flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours	Final Open Flow _____ Bbl/d
Static rock pressure _____ psig surface pressure after _____ Hours	

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1.) DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2.) THE WELL LOG WHICH IS SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE

For: **CABOT OIL & GAS CORPORATION**

By: [Signature] **Drilling Superintendent**

Date: 7/29/08

AUG 15 2008

JAC 0547

STAGE	PERFS	ACID 15% HCl	FOAM	SAND (lbs)	NITROGEN (scf)	BDP	ATP	MTP	ISIP
1-Huron Shale	3931-4144 (24)		85Q	90,000	1,896,000	4245	4095	4489	2833

FORMATION	TOP	BOTTOM	REMARKS
See Original Formation Record	Surface	2006	
Siltstone & Shale	2006	2177	
Shale	2177	2348	
Sunbury	2348	2368	
Berea	2368	2385	
Shale	2385	2642	
Siltstone & Shale	2642	2756	
Shale	2756	3608	
L. Huron	3608	4145	
Java	4145	4293	
Angola	4293	4523	PBTD @ 4305'
Rhinestreet	4523	4747	
Marcellus	4747	4769	

PLUGGED BACK AS FOLLOWS:

- Squeezed 5-1/2" @ 4825' w/ 125 sks Type 1 cmt
- Cmt Retainer @ 4769'
- Squeezed @ 4520' w/ 100 sks Type 1 cmt
- Class "A" cmt from 4769' to 4305
- Squeezed 5-1/2" @ 4150' w/ 50 sks Class 'A' cmt
- Squeezed 5-1/2" @ 3922' w/ 50 sks Class 'A' cmt
- Squeezed 5-1/2" @ 3830' w/ 30 sks Class 'A' cmt
- Squeezed 5-1/2" @ 3810' w/ 50 sks Class 'A' cmt

