

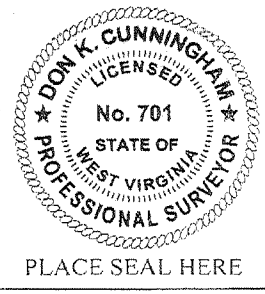
**NOTES:**  
 All known oil & gas wells within 2,400' of the proposed well location are shown hereon.  
 The bearings and distances shown hereon are based on the WV State Plane Coordinate System, NAD 27 South Zone.

West Virginia State Plane  
 South Zone NAD '27  
 N 579,351.40 : E 1,812,019.61  
 UTM 17 - NAD 83 - Meters  
 N 4,271,407.55 : E 442,737.39

FILE #:  
 DRAWING #: Putnam 9 ww6  
 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 LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIROMENTAL PROTECTION.

Signed: Don K. Cunningham  
 R.P.E.: \_\_\_\_\_ L.L.S.: 701



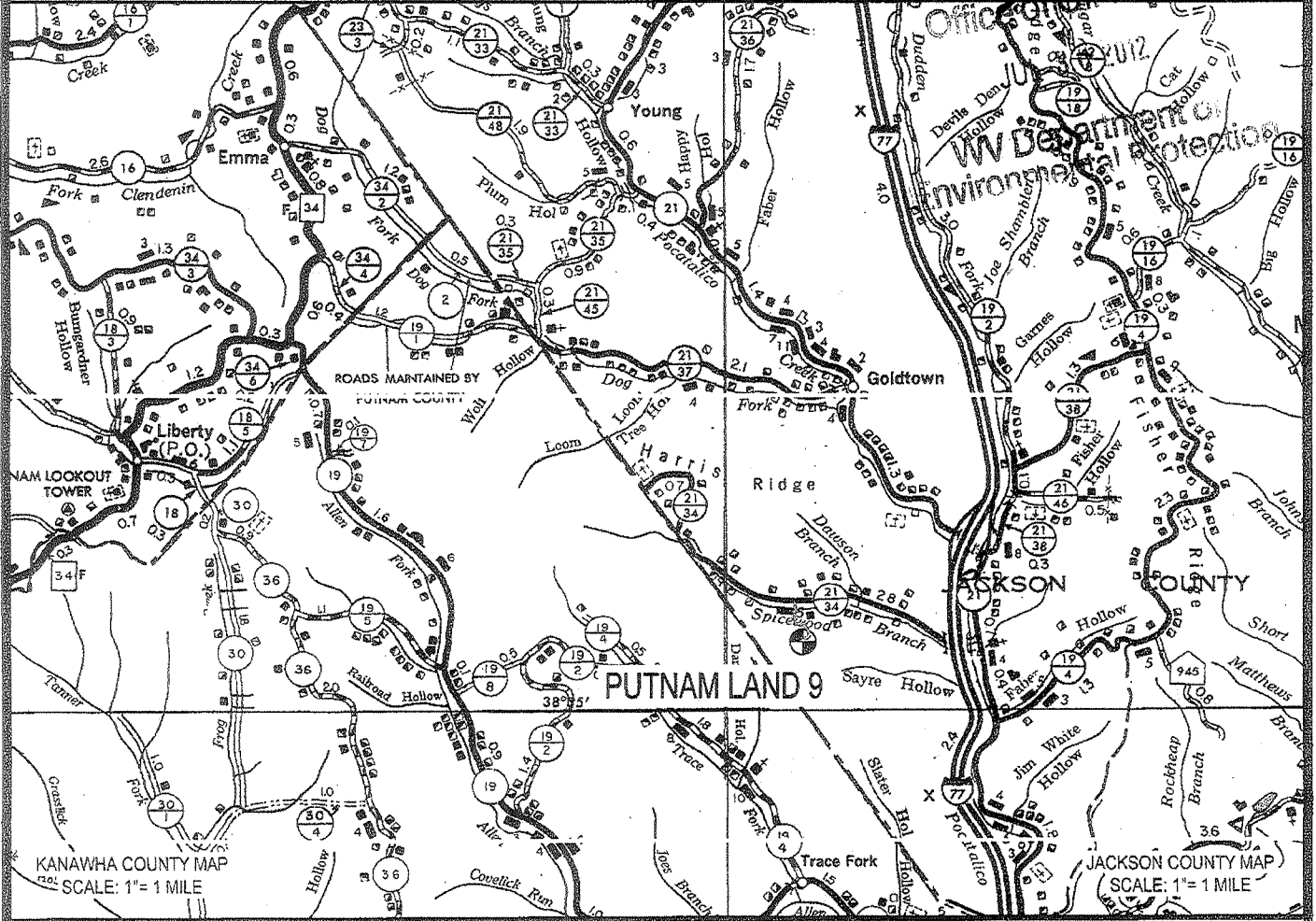
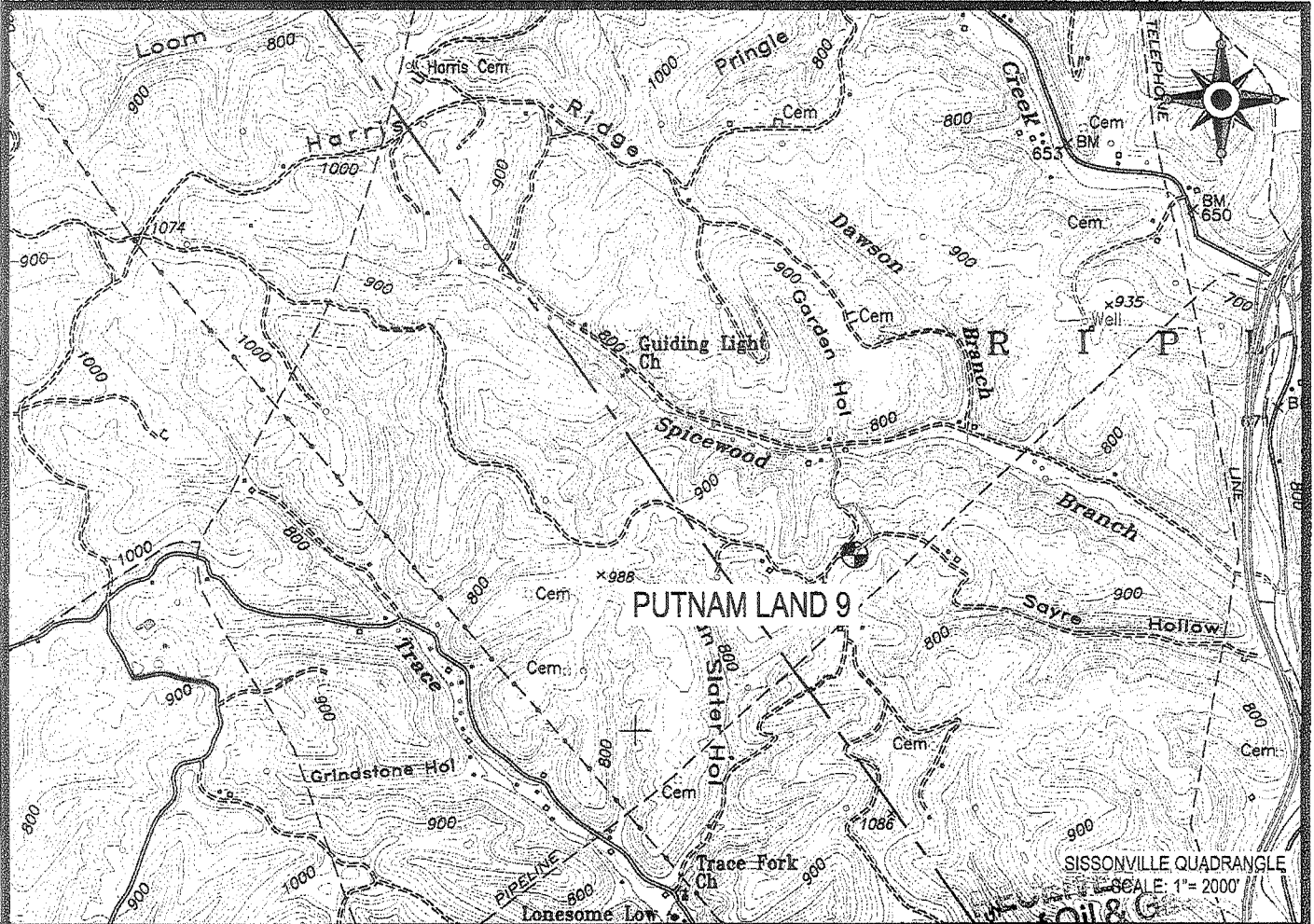
(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP  
 OFFICE OF OIL & GAS  
 601 57TH STREET  
 CHARLESTON, WV 25304



DATE: April 10, 2012  
 OPERATOR'S WELL #: Putnam Land 9  
 API WELL #: 47 035 00079P  
 STATE COUNTY PERMIT

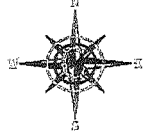
Well Type:  Oil  Waste Disposal  Production  Deep  
 Gas  Liquid Injection  Storage  Shallow

WATERSHED: Sayre Hollow of Pocatalico Creek ELEVATION: 946.50'  
 COUNTY/DISTRICT: Jackson / Ripley QUADRANGLE: Sissonville  
 SURFACE OWNER: T.R. Ranson ACREAGE: 202.50  
 OIL & GAS ROYALTY OWNER: Hardy Oil & Gas ACREAGE: 10,775.3  
 LEASE #: 47-0561 DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE   
 PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  PLUG & ABANDON   
 CLEAN OUT & REPLUG  OTHER CHANGE  (SPECIFY): \_\_\_\_\_  
 TARGET FORMATION: \_\_\_\_\_ ESTIMATED DEPTH: \_\_\_\_\_  
 WELL OPERATOR Cabot Oil & Gas Corp. DESIGNATED AGENT Brian Hall  
 Address Five Penn Center West, Suite 401 Address P.O. Box 260  
 City Pittsburgh State PA Zip Code 15276 City Danville State WV Zip Code 25053



 Cabot Oil & Gas Corporation

**PUTNAM LAND 9**  
LOCATION MAP

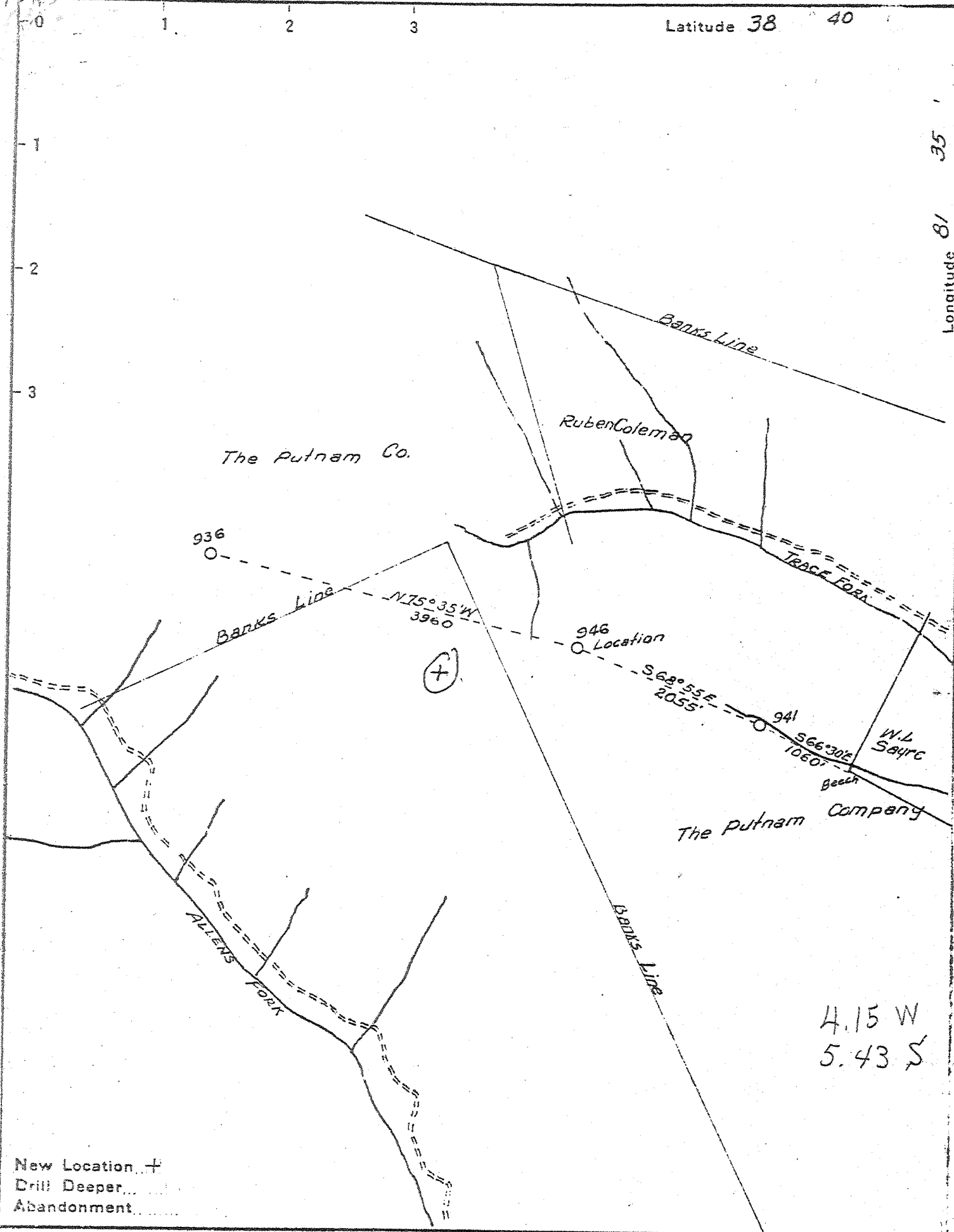


**CUNNINGHAM**  
LAND SURVEYING & MAPPING SERVICES, LLC

5213 STEPHEN WAY  
CROSS LANES, WEST VIRGINIA 25313  
VOICE (304) 561-4129 • FAX (304) 776-0703  
E-MAIL ADDRESS • DKCUNNINGHAM@SUDDENLINK.NET

LOCATED ON THE WATERS OF SAYRE HOLLOW  
OF POCATALICO CREEK  
RIPLEY DISTRICT, JACKSON COUNTY, W.VA  
SISSONVILLE QUADRANGLE

PROJECT NO. CABOT	DWG. NO. PUTNAM 9 LOC.DWG
DATE: 04-10-12	SCALE: AS NOTED
CHK'D BY: D.K.C.	
DRAWN BY: G. PERKINS   FILE: C:\PROJECT FOLDER\CABOT	



New Location..+  
 Drill Deeper...  
 Abandonment.....

4.15 W  
 5.43 S

Company GODFREY L. CABOT, INC.  
 Address 500 UNION BLDG. CHARLESTON, W.VA.  
 Farm THE PUTNAM COMPANY  
 PART OF 22000 ACRES  
 Tract \_\_\_\_\_ Acres \_\_\_\_\_ Lease No. 3-464  
 Well (Farm) No. 9 Serial No. 946  
 Elevation (Spirit Level) 940'  
 Quadrangle KENNA  
 County JACKSON District RIPLY  
 Engineer Charles W. Sturm  
 Engineer's Registration No. 975  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date APRIL 9, 1940 Scale 1" = 132'

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

WELL LOCATION MAP  
 FILE NO. JAC-79

+ 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 6-6-92



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

Permit No. Jac-79  
Kenna Quad.

Gas Well

		CASING & TUBING
Company	Godfrey L. Cabot, Inc.	13            14            14
Address	Charleston, W. Va.	10            898            898
Farm	Putnam Company    ACRES -	8            2172
Location	-	7 26#    2078            2078
Well No.	9 (Serial 946)    ELEV. 958	7 24#    3043            3043
District	Ripley - Jackson County	2            5251            5251
Surface & Mineral	-	How casing set:
Commenced	June 24, 1940	10" casing shoe
Completed	Sept. 8, 1940	8" casing shoe & 15
Shot	9/8/40 - 5231-5238 - 10 qts.	sacks Aquagel
	9/9/40 - 5206-5220 - 20 qts.	7" B.H. Lead Packer -
Open Flow	58/10ths M 20 minutes after shot 6-5/8"	94 sacks Aquagel
	Back Pressure 5-1/4	
Volume	12,354 M.C.F.	
Rock Pressure	Oriskany 1625 lbs. 44 hrs.	

Red Rock	0	90
Slate	90	105
Red Rock	105	160
Slate	160	180
Red Rock	180	225
Sand	225	260
Red Rock	260	295
Slate	295	310
Sand	310	330
Lime	330	385
Sand	385	415
Lime	415	440
Slate	440	457
Lime	457	469
Slate	469	553
Red Rock	553	590
Slate	590	620
Sand	620	641
Slate	641	662
Red Rock	662	700
Slate	700	755
Lime	755	780
Sand	780	801
Red Rock	801	813
Slate&Shells	813	840
Sand	840	900
Lime	900	920
Slate&Shells	920	945
Sand	945	972
Slate	972	982
Sand	982	1080
Slate & Shell	1080	1094
Sand	1094	1131 Oil show
Slate	1131	1172
Sand	1172	1232 FW 1220
Slate&Shell	1232	1610 2 blrs.hr.
-Salt Sand	1610	1900
Black Lime	1900	1924
-Maxon Sand	1924	2080
-Big Lime	2080	2100
-Injun Sand	2100	2129
Slate&Shell	2129	2168
Lime	2168	2176
Slate & Shell	2176	2540
-Berea Grit	2540	2560
Lime	2560	2577
Slate & Shell	2577	3785
Brown Shale - 4A1	3785	3879

Slate & Shell	3879	4066
Brown Shale	4066	4369
Slate&Shell	4369	4785
Brown Shale	4785	5015
Blue Slate	5015	5025
-Black Shale - <i>Manduca</i>	5025	5096
-Corniferous - <i>Alb</i>	5096	5201
-Oriskany	5201	5248
-Lime - <i>H</i>	5248	5251
Total Depth		5251

Water (Salt) 1646 - Filled to 400 ft.  
from top of hole

Gas 1625 - show

GAUGES IN ORISKANY SAND:

5205	60M
5209	3,449M
5210	2,850M
5212	1,928M
5215	668M
5216-5220	3,220M
5228	1,220M
5229	1,021M
5231	771M
5232-5236	1,928M
5238	1,494M
5240	862M
5244	862M
5245	771M
5251	771M

GAUGES BEFORE SHOT:

1st shot 862M - 21 hrs. after 3,659M  
2nd shot 2,987M - 20 min. " 12,354M

485

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

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPLICATE, one copy mailed to the Department, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

Farm name: Ranson, T.R. - Estate Operator Well No.: Putnam Land 9

LOCATION: Elevation: 946.50' Quadrangle: Sissonville

District: Ripley County: Jackson

Latitude: \_\_\_\_\_ Feet South of \_\_\_\_\_ Deg. \_\_\_\_\_ Min. \_\_\_\_\_ Sec.

Longitude: \_\_\_\_\_ Feet West of \_\_\_\_\_ Deg. \_\_\_\_\_ Min. \_\_\_\_\_ Sec.

Well Type: OIL \_\_\_\_\_ GAS X

Company Cabot Oil & Gas Corp Coal Operator Poca Coal Land Co  
5 Penn Center W Ste 40 Owner 9 Court St  
Pittsburgh PA 15276 Uniontown PA 15401  
Coal Operator \_\_\_\_\_  
Agent Brian Hall or Owner \_\_\_\_\_  
Permit Issued Date 8/8/12

AFFIDAVIT

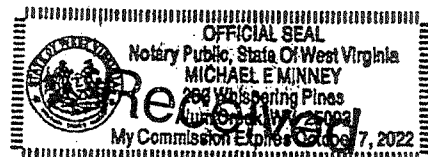
STATE OF WEST VIRGINIA,  
County of Lincoln ss:

Roger McComas and Joey Nelson being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by the above named well operator, and participated in the work of plugging and filling the above well say that said work was commenced on the 4th day of Jan., 2013 and the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Gel Hole	Surface	5251'		
Pull 1-1/2"		5206'	5206'	0
Cement	5251'	5090'		
Cement	5086'	4986'		
Cement	2618'	2400'	Perf. 7" - 2560'-2540'/2100'-1924'	
Cement	2108'	1800'		
Cont'd on page 2				

Description of monument: Erect monument with API# 47-035-00079P that the work of plugging and filling said well was completed on the 21 day of Jan, 2013

And further deponents saith not. Roger McComas  
Joey Nelson



Sworn and subscribe before me this 22<sup>nd</sup> day of January, 2013

My commission expires: 10-7-2022

Michael E Minney  
Notary Public JUN 10 2013

Affidavit reviewed by the Office of Oil and Gas: \_\_\_\_\_

Office of Oil and Gas 06/21/2013  
WV Dept. of Environmental Protection

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

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Well Type: OIL \_\_\_\_\_ GAS X

Company Gabot Oil & Gas Corp Coal Operator Poca Coal Land Co.  
5 Penn Center W Ste 401 or Owner 9 Court St  
Pittsburgh PA 15276 Uniontown PA 15401

Agent Brian Hall Coal Operator \_\_\_\_\_  
Permit Issued Date 8/8/12 or Owner \_\_\_\_\_

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TYPE	FROM	TO	PIPE REMOVED	LEFT
Pull 7"		1782'	1782'	3337'
Cement	1768'	1550'		
Cement	1258'	1100'		
Cement	952'	850'		10-3/4" - 898'
Cement	204'	Surface		
Had to repump 1st plug, tag at 5090'				

*Received*  
*James Stevens*

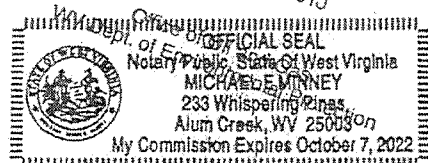
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Notary Public



Affidavit reviewed by the Office of Oil and Gas: James Stevens

Title: 2/27/2013 06/21/2013

*WV DEP County Inspector*