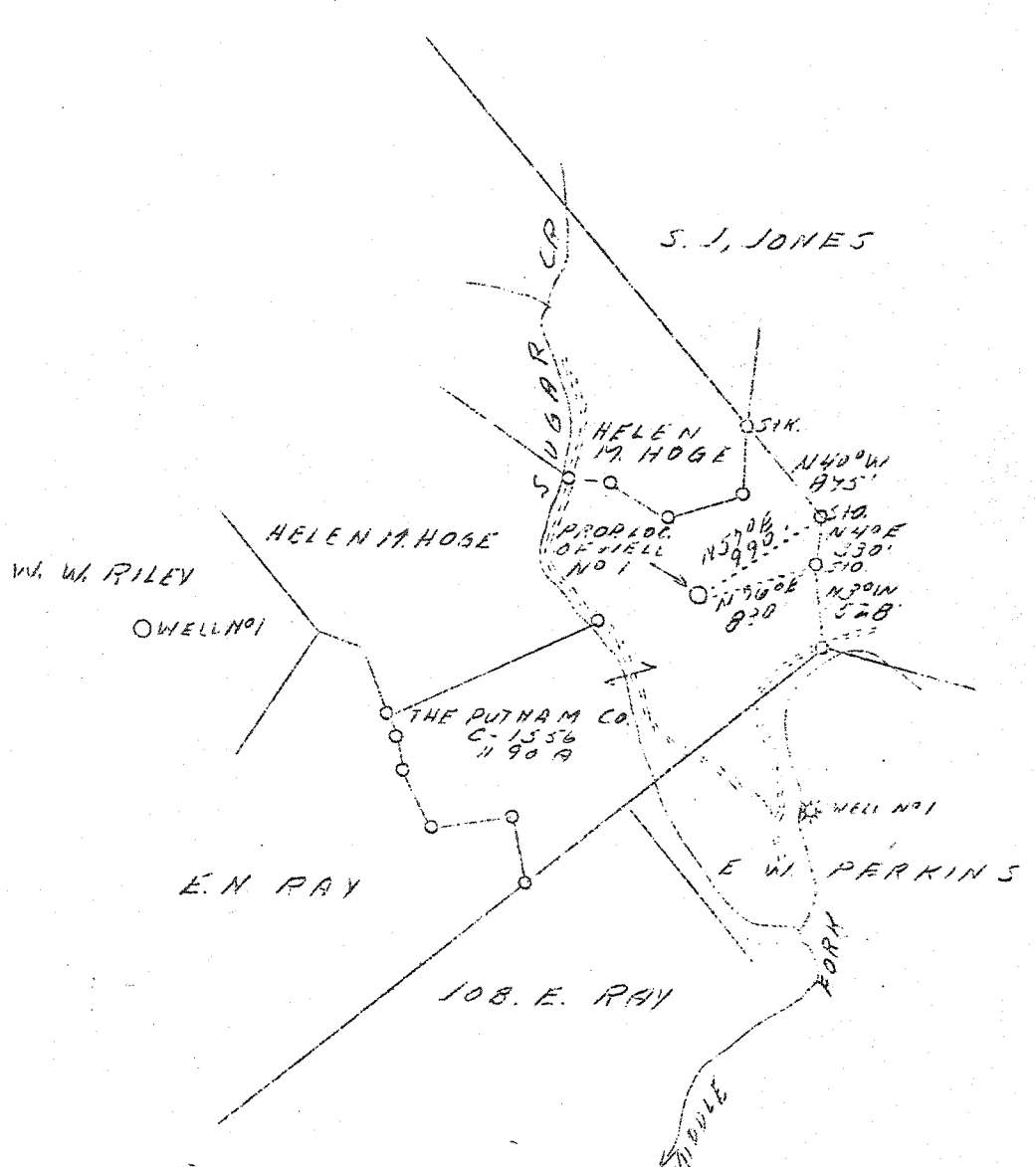


LATITUDE 38° 40'

LONGITUDE 81° 35'



W-0.65
S-5.3

Permit issued: 9-28-39

Sheet # 3
2.8 MILES N.E. OF LOOP
13-18
7-16

New location

Company	Columbian Carbon Co.	STATE OF WEST VIRGINIA
Address	B-1240, Charleston, W.Va.	Department of Mines
Farm	The Putnam Company	OIL & GAS DIVISION
Acres	1190	Charleston
Lease No.	C-1556 CW-441	
Well (Farm) No.	1	WELL LOCATION MAP
Elevation (SL)	978.7	File No. <u>Jac-56</u>
Quadrangle	Kohna S T.C	
County	Jackson	x Denotes location of well on U. S. Topo-
District	Washington	graphic Maps, scale 1 to 62,500, latitude
Engineer	James N. Sell	and longitude lines being represented by
Eng. Reg. No.	772	border lines as shown.
Date	Sept. 13, 1939	- Denotes one inch spaces on border line
Scale	1" = 1320'	of original tracing.

6-6-192

Deep Well

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

Permit No. Jac-56
Kenna Quad.

Gas Well

CASING & TUBING

Company	Columbian Carbon Co.	14	26	26
Address	Box 1240, Charleston, W. Va.	10-3/4	395-11	pulled
Farm	The Putnam Co. ACRES 1190	8-5/8	2161-10	2161-10
Location	Middle Fork of Pocatalico River	7	5216-9	5216-9
Well No.	1 (GW-441) ELEV. 978.7 DF	2-3/8	5392-4	5392-4
District	Washington - Jackson County			
Surface	J. L. Burdette, et ux, Advent, W. Va.			No packer
Mineral	The Putnam Co. et al, % Columbian Carbon Co. Charleston, W. Va.			
Commenced	Oct. 1, 1939			
Completed	Jan. 27, 1940			
Shot	Not shot			
Volume	2,987,000 c.f.			
Rock Pressure	1640 lbs. 2 days			
Salt Water	1540-45 1-9" bailer per hr.			
Salt Water	1592-1630 Hole full			

Sand	0	100	Slate	1880	1890	
Slate	100	120	Lime	1890	1920	SLM
Red Rock	120	130	Big Lime	SLM 1920	2055	
White Slate	130	155	Big Injun Sand	2055	2102	
Red Rock	155	190	Slate&Shell	2102	2115	
Slate	190	210	Lime	2115	2145	HSLM
Sand	210	225	Slate&Shell	HSLM 2145	2492	
Red Rock	225	270	Brown Shale	2492	2513	
Slate	270	330	Berea Shell	2513	2520	Sh.Gas 2518
Sand	330	360	Slate&Shell	2520	3050	
Slate	360	480	Slate	3050	3702	
Sand	480	506	Brown Shale - 441	3702	3755	
Red Rock	506	554	Slate&Shells	3755	4000	
Sand	554	560	Shale	4000	4141	
Red Rock	560	665	Slate&Shells	4141	4160	
Slate	665	692	Brown Shale	4160	4268	
Red Rock	692	710	Slate&Shells	4268	4783	
Slate	710	740	Brown Shale	4783	5117	
Red Rock	740	773	Black Shale - <i>Martellus</i>	5117	5161	SLM
Grey Slate	773	812	Corniferous - 463	SLM 5161	5281	SLM
Pink Rock	812	855	Oriskany	SLM 5281*	5365*	
Slate&Shell	855	867	Lime - <i>Red</i>	5365	5372	
Sand	867	895	Total Depth		5372	
Slate	895	920	*Por sample examination			
Sand	920	940				
Slate	940	945				
Lime	945	955				
Sand	955	1010				
Slate	1010	1055				
Pink Rock	1055	1075				
Grey Slate	1075	1125				
Sand	1125	1140				
Slate&Shell	1140	1185				
Sand	1185	1270				
Slate	1270	1280				
Sand	1280	1310				
Slate	1310	1445				
Sand	1445	1457				
Slate	1457	1467				
Sand	1467	1483				
Slate	1483	1505				
Sand	1505	1515				
Slate	1515	1533				
Salt Sand	1533	1837	Salt W. 1540-45 1-9" bailer per hr.			
Lime	1837	1850				
Maxton	1850	1880	Salt W. 1592-1630 Hole full			

PAYS: 5287-5297; 5299-5306;
5344 $\frac{1}{2}$ -5347; 5348-5350;
5357-5365 $\frac{1}{2}$

CEMENT RECORD: 12/4/39 Cemented 8-5/8 csg.
Ran 100 Sacks Alpha Cement mixed with 1
Sack Aquagel. Ran 6 Sacks Aquagel 4%
mixture ahead of cement. 10' spacer and
plug run on top Aquagel. Plug on top
cement. 14' solid cement in hole.
Dick Allen, Cementer - Halliburton Oil
Well Cementing Co.

1/11/40 Cemented 7" Casing. Ran 25 sacks
Alpha Cement. 10' spacer and plug on top
cement. 5' of cement in hole.
Dick Allen, Cementer - Halliburton Oil
Well Cementing Co.

5161
979
4182

485

Geologic sample studies

WR-38
DATE 25-Aug-09

API # 47-035-0056-P

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

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPLICATE, one copy mailed to the Division, 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: Jack & Joyce Lanahm Operator Well No.: 122561 (A-1)
LOCATION: Elevation: 988' Quadrangle: Romance 7.5
District: Washington County: Jackson
Latitude: Feet South of 00 Deg. 00 Min. 00 Sec.
Longitude: Feet West of 00 Deg. 00 Min. 00 Sec.

Well Type: OIL _____ GAS XXXX

Company: Equitable Production Company Coal Operator Jack & Joyce Lanahm
1710 Pennsylvania Avenue or owner 609 Harmon Street
Charleston, WV 25302 Lexington, SC 29072

Agent: Jeff Mast Coal Operator _____
or owner _____

Permit Issued Date: 05-29-2009

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Jackson

ss:

RECEIVED
Office of Oil & Gas

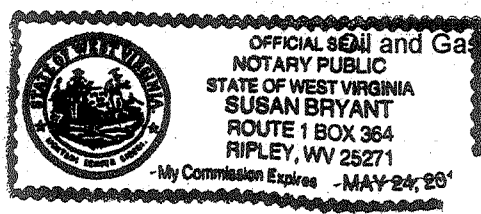
Jacob Snider and Jackie Carpenter being first duly sworn according to law
depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed
by the above named well operator, and participated in the work of plugging and filling the above well, and Stephens
Oil and Gas Inspector representing the Director, say that said work was commenced on the
17th day of August 2009 and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Cement	5280'	5166'	8 5/8" 305'	1856'
Cement	5160'	5000'		
Cement	2211'	2011'	7" 1410'	3806'
Cement	1460'	1300'		
Cement	960'	845'	2" 5372'	-0-
Cement	360'	250'		
Cement	200'	-0-		
Gel spacer between each plug				
Tagged plug @ 5160'; 5000'; 1305'; 840'; 250'; Shot 7" @ 2137' twice; 1410' twice; Shot 8" @ 902' three times; 304' three times;				

Description of monument: 7 inch casing - 8 feet long with API # welded on it and that the work of plugging and filling said well was completed on the 27th day of August, 2009.

And further deponents saith not. Jason Meadows
Sworn and subscribe before me this 1 day of September, 2009
My commission expires: May 24, 2016

Susan Bryant
Notary Public
Janie Stevens 9/1/09



SEP 04 2009

JAC 0569



West Virginia Department of Environmental Protection
Office of Oil and Gas
WELL LOCATION FORM: GPS

API: 47-035-0056 P WELL NO.: WV 122561 (A-1)

FARM NAME: Putnam County

RESPONSIBLE PARTY NAME: Equitable Production Company

COUNTY: Jackson DISTRICT: Washington

QUADRANGLE: Romance 7.5'

SURFACE OWNER: Jack & Joyce Lanahm

ROYALTY OWNER: Cabot Oil & Gas Marketing Corp.

UTM GPS NORTHING: 4271700

UTM GPS EASTING: 448238 GPS ELEVATION: 302

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

1. Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
2. Accuracy to Datum – 3.05 meters
3. Data Collection Method:
Survey grade GPS _____: Post Processed Differential _____
Real-Time Differential _____
Mapping Grade GPS x : Post Processed Differential x
Real-Time Differential _____

I the undersigned, hereby certify this data 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 Office of Oil and Gas.

Gregory A. Smith
Gregory A. Smith, P. S. 6777 President, Smith Land Surveying, Inc

3/24/06
Date

RECEIVED
Office of Oil & Gas
Office of Chief
APR 12 2006
WV Department of
Environmental Protection

JAC 0056 P
APR 21 2006