

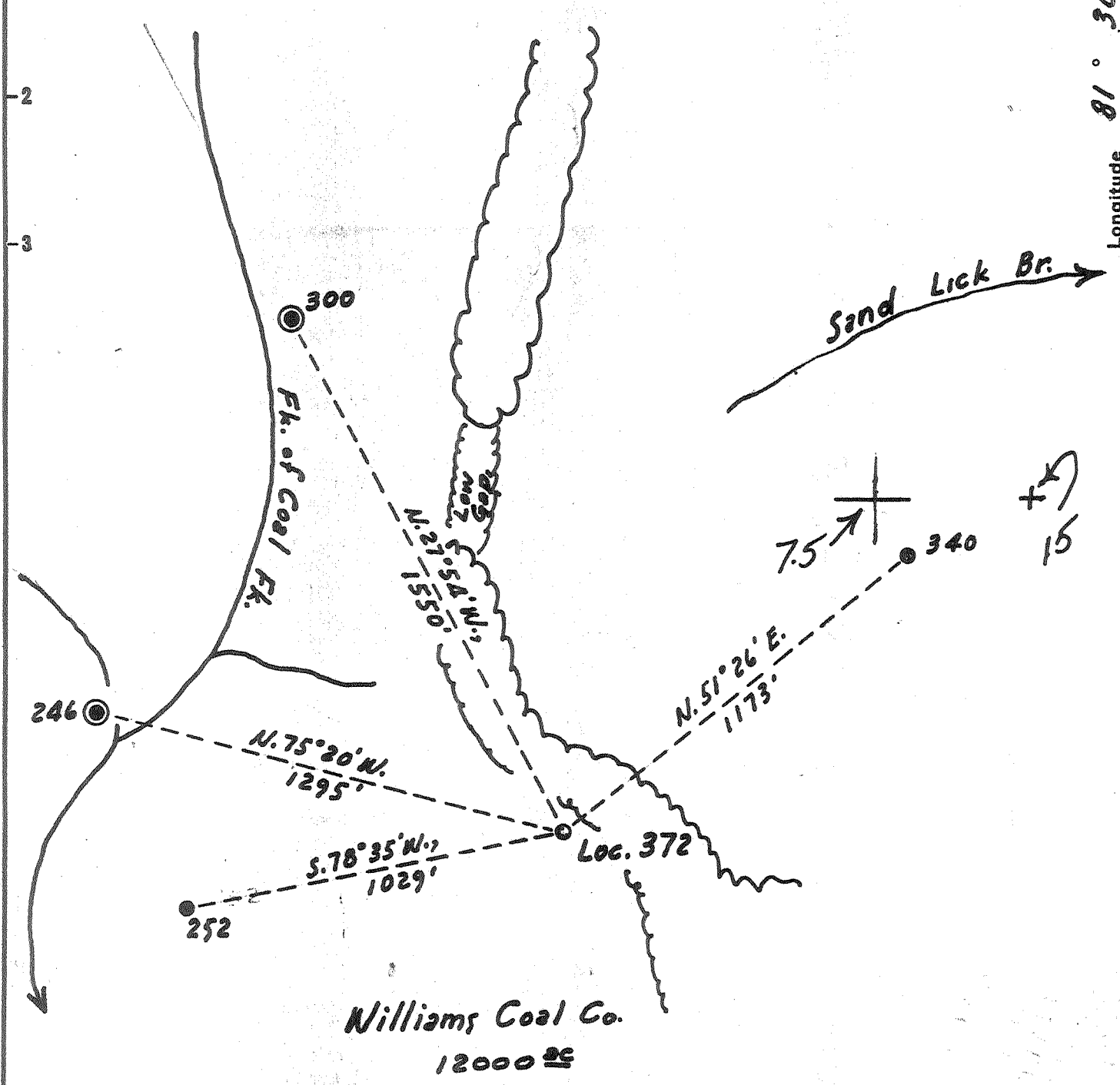
Janice  
6/11/93

← 3300' →

Latitude 38° 10'  
38° 07' 30"

7.5  
Longitude 81° 30'

9720'



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

Company C.J. Services  
 Address RT2, Box 159, Hamlin, W. 25523  
 Farm Williams Coal Co.  
 Tract \_\_\_\_\_ Acres 12000 Lease No. 5012  
 Well (Farm) No. 372 Serial No. 497  
 Elevation (Spirit Level) 1618 Ground  
 Quadrangle Peytona 15/ Sylvester 7.5  
 County Kanawha District Cabin Creek  
 Engineer J. B. Hunter  
 Engineer's Registration No. Ohio - 2912  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 11-27-56 Scale 1" = 400'

STATE OF WEST VIRGINIA  
 Division of Environmental Protection  
 Office of Oil & Gas  
 Nitro

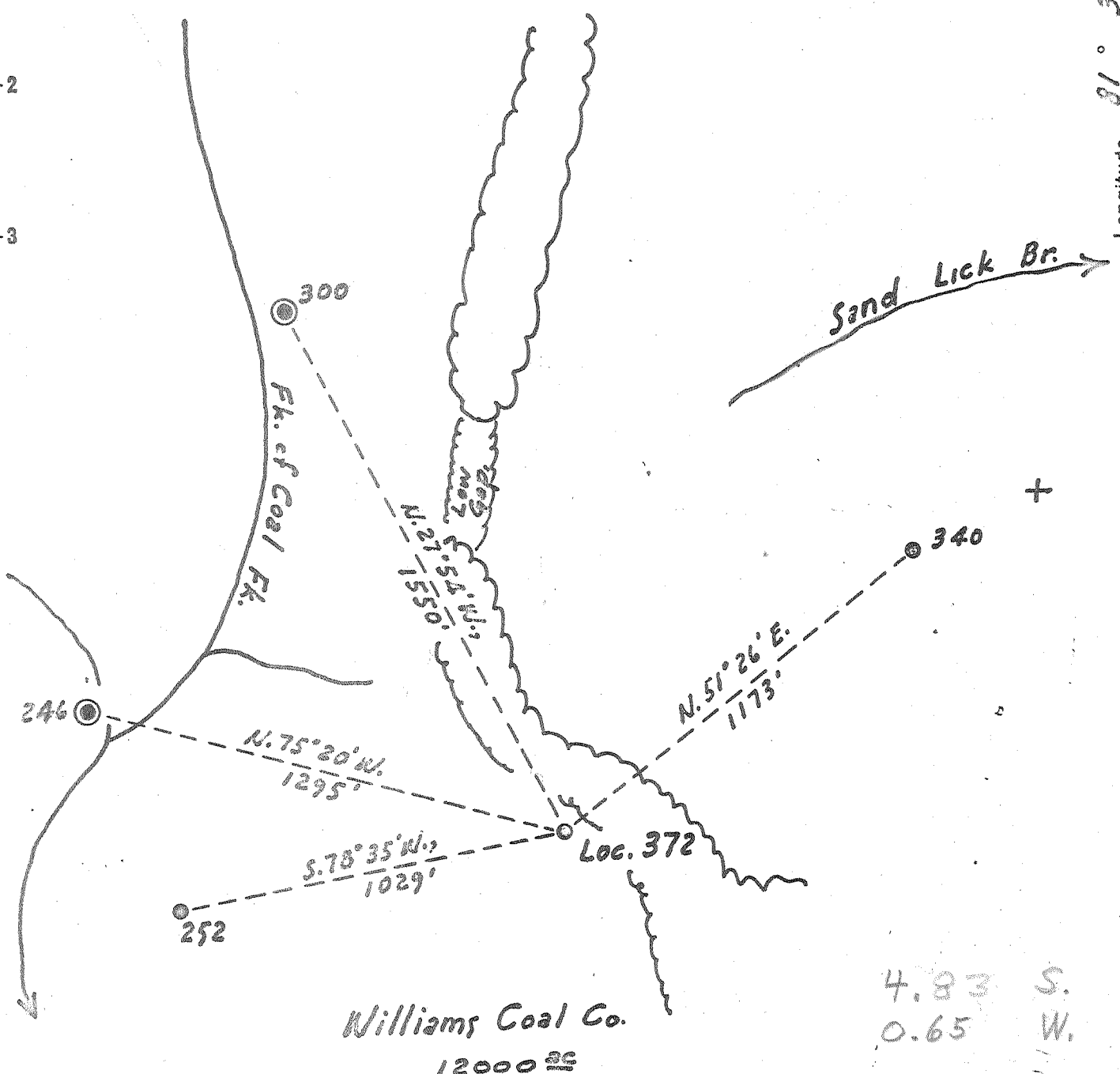
WELL LOCATION MAP  
 A.P. Well No. 47-039-1657-P

+ 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.

P

Latitude 38° 10'

Longitude 81° 30'



4.83 S.  
0.65 W.

6 SE (K-S)

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

7.5 0615 top of loc	15' / 02
38° 07' 30" 1.83 S	4.715
81° 30' 00" 0.63 N	0.63 W

Company	The Pure Oil Co.
Address	Newark, Ohio
Farm	Williams Coal Co.
Tract	Acres 12000. Lease No. 5012
Well (Farm) No.	372 Serial No. 497
Elevation (Spirit Level)	1618 Ground
Quadrangle	Paytona - E.C.
County	Kanawha District Cabin Creek
Engineer	J. B. Hunter
Engineer's Registration No.	Ohio - 2912
File No.	Drawing No.
Date 11-27-56	Scale 1" = 400'

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

**WELL LOCATION MAP**  
 FILE NO. KAN-1657

+ 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.

3-6 240 Deep Well ✓



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION 7

Quadrangle Peytona

Permit No. KAN-1657

WELL RECORD

Oil or Gas Well Oil  
(KIND)

Company The Pure Oil Company  
Address P.O. Box 551, Newark, Ohio  
Farm Williams Coal Company Acres 12,000

Location (waters) \_\_\_\_\_  
Well No. 372 Elev. 1618  
District Cabin Creek County Kanawha

The surface of tract is owned in fee by Shonk Land Co., 802 Kanawha Bkg. & Trust Co. Bldg, Charleston, W. Va.

Mineral rights are owned by Ditto  
Address \_\_\_\_\_

Drilling commenced 12-29-56  
Drilling completed 8-30-57

Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_

Open Flow /10ths Water in \_\_\_\_\_ Inch  
/10ths Merc. in \_\_\_\_\_ Inch

Volume \_\_\_\_\_ Cu. Ft.  
Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.

Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
WELL ACIDIZED \_\_\_\_\_

WELL FRACTURED 9/12/57. Used 3000# sand & 147 bbls crude oil.

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13-3/8"	28'	28'	
10-3/4"	1136'	1136'	Size of
8-5/8"	2220'	1159'	
7"	3428'	3428'	Depth set
5 1/2"	6185'	595'	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

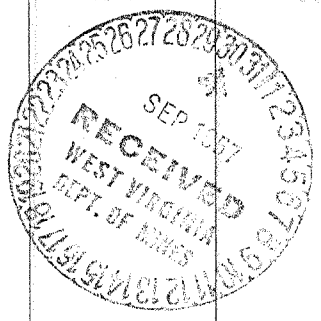
CASING CEMENTED 10-3/4" SIZE 1136' No. Ft. 1-23-57 Date  
5 1/2" 6185' 8- 9-57

COAL WAS ENCOUNTERED AT 119 FEET 24 INCHES  
133 FEET 24 INCHES 231 FEET 36 INCHES  
398 FEET 36 INCHES 417 FEET 48 INCHES  
524 FEET 48 INCHES 1083 FEET 48 INCHES  
1095 36

RESULT AFTER TREATMENT Production first 24 hrs after recovering load oil was 39 bbls oil.

ROCK PRESSURE AFTER TREATMENT  
Fresh Water. 119' 135' 990' Feet Salt Water. 1845' 1881' Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Clay	Yellow		0	5			
Sand	Yellow		5	35			
Sand	White		35	117			
Slate	Gray		117	119			
Coal			119	121	Water		3 blrs per hr
Slate	Gray		121	129			
Sand	Gray		129	133			
Coal			133	135	Water	135'	4 blrs per hr
Sand	Gray		135	149			
Slate & shells			149	170			
Sand			170	180			
Slate & shells			180	190			
Sand			190	231			
Coal			231	234			
Slate			234	245			
Sand	White		245	297			
Slate			297	307			
Sand	White		307	335			
Slate	Gray		335	347			
Sand	Gray		347	365			
Slate & shells			365	373			
Sand	Gray		373	398			
Coal			398	401			
Slate			401	417			
Coal			417	421			
Sand			421	496			
Slate			496	505			
Sand			505	524			Hole making 4 blrs wtr per hr



Formation	Color	Hard or Soft	Top 7	Bottom	Oil, Gas or Water	Depth Found	Remarks
Coal			524	528			
Slate			528	620			
Lime shells			620	631			
Sand			631	757			
Slate			757	763			
Lime			763	800			
Sand			800	815			
Slate			815	836			
Lime shells			836	856			
Sand			856	886			
Lime			886	910			
Slate			910	941			
Sand			941	964			
Shale			964	1000	Water	990'	Hole full
Sand			1000	1065			
Slate			1065	1067			
Lime			1067	1083			
Coal			1083	1087			
Lime			1087	1095			
Coal			1095	1098			
Slate			1098	1102			
Lime shells			1102	1136			
Sand			1136	1220			
Slate			1220	1224			
Slate & shells			1224	1302			
Sand			1302	1342			
Slate & shells			1342	1398			
Lime			1398	1460			
Slate			1460	1475			
Lime			1475	1493			
Sand			1493	1520			
Slate			1520	1530			
Sand			1530	1545			
Slate			1545	1548			
*GRAMPUS SAND			1548	1669			
Slate			1669	1672			
Lime shells			1672	1723			
Slate			1723	1745			
Lime	Gray		1745	1760			
*SALT SAND			1760	2000	Water	1845' 1881'	1/2 blr per hr Hole full
Slate			2000	2005			
Lime			2005	2017			
*Coal			2017	2018			
Lime			2018	2035			
Slate & shells			2035	2039			
Lime			2039	2062			
Slate break			2062	2064			
Lime			2064	2104			
Slate			2104	2110			
Lime			2110	2128			
Sand			2128	2138			
Lime			2138	2167			
Red Rock			2167	2220			
Lime			2220	2234			
Sand			2234	2253			
Red Rock & lime			2253	2304			
*MAXON SAND			2304	2386			
Slate			2386	2388			
MAXON SAND			2388	2515			
Lime			2515	2525			
Slate			2525	2606			
*Little Lime			2606	2634			
Slate & shells			2634	2694			
Big Lime			2694	2914			

(continued on sheet #2)

Date....., 19.....

APPROVED....., Owner

By..... (Title)

26-  
253  
447





STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION 7A

Quadrangle Peytona

Permit No. KAN-1657

WELL RECORD

Oil or Gas Well

(KIND)

Company \_\_\_\_\_  
 Address \_\_\_\_\_  
 Farm Williams Coal Company Acres \_\_\_\_\_  
 Location (waters) \_\_\_\_\_  
 Well No. 372 Elev. \_\_\_\_\_  
 District \_\_\_\_\_ County \_\_\_\_\_  
 The surface of tract is owned in fee by \_\_\_\_\_  
 Address \_\_\_\_\_  
 Mineral rights are owned by \_\_\_\_\_  
 Address \_\_\_\_\_  
 Drilling commenced \_\_\_\_\_  
 Drilling completed \_\_\_\_\_  
 Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
 With \_\_\_\_\_  
 Open Flow /10ths Water in \_\_\_\_\_ Inch  
 /10ths Merc. in \_\_\_\_\_ Inch  
 Volume \_\_\_\_\_ Cu. Ft.  
 Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
 Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
 WELL ACIDIZED \_\_\_\_\_  
 WELL FRACTURED \_\_\_\_\_

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer _____
16			
13			Size of _____
10			
8 1/4			Depth set _____
6 3/4			
5 3/16			Perf. top _____
3			Perf. bottom _____
2			Perf. top _____
Liners Used			Perf. bottom _____

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_

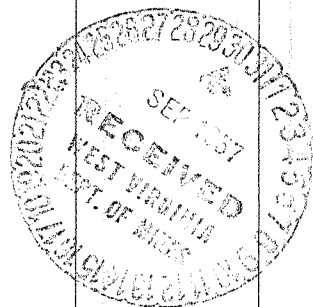
COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

RESULT AFTER TREATMENT

ROCK PRESSURE AFTER TREATMENT

Fresh Water \_\_\_\_\_ Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
•INJUN SAND			2914	2930			
Slate & shells			2930	3062			
•WEIR SAND			3062	3172			
Slate & shells			3172	3328			
•Shale	Brown		3328	3337			
TOP BEREA SAND			3337				
BEREA SAND	Gray		3337	3342			
BEREA SAND	Gray		3342	3365	Oil	3353-3365'	
Shale	Gray	med hard	3365	3369			
Slate & shells	Gray	Med	3369	3462			
Lime	Dark	hard	3462	3489			
Slate	Gray	soft	3489	3505			
Lime	Gray	hard	3505	3534			
Steel line correction			3534	3527			
Lime	Gray	hard	3527	3539			
Slate & shells			3539	3634			
Lime			3634	3648			
Slate & shells			3648	4473			
Slate & shale			4473	4520			
Shale	Dark	hard	4520	4665			
Shale	Brown		4665	4666			
Slate & shells			4666	4931			
Slate & shale	Brown		4931	5108			
Shale	Brown	hard	5108	5255			
Shale	Gray		5255	5300			
Shale	Brown		5300	5330	Gas	5310-5320'	658 cubic ft.
Liney shale	Gray		5330	5390			
Shale	Brown		5390	5415			
Lime shell			5415	5424			



(over)

Formation	Color	Hard or Soft	Top 7A	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate	white	soft	5424	5465			
Shale	gray		5465	5592			
Lime	dark		5592	5600			
Steel line correction			5600	5604			
Lime	dark		5604	5661			
Shale	gray		5661	5813			
Shale	brown		5813	5892			
Shale	black		5892	5979			
Shale	brown		5979	6030			
Slate	light gray		6030	6058			
Steel line correction			6058	6061			
Slate	light gray		6061	6088			
Shale	brown		6088	6112			
Shale	black	med hard	6112	6137			
CORNIFEROUS LIME	gray	hard	6137	6224			
ORISKANY SAND	gray-wht	med hard	6224	6227			
ORISKANY SAND	wht-gray	hard, very	6227	6235			
Lime, sandy	dark gray	hard	6235	6244			
Sand & shale	gray	hard	6244	6246			
Lime, sand, shale	gray	med hard	6246	6249 $\frac{1}{2}$			
Lime, sandy	gray	hard	6249 $\frac{1}{2}$	6250			
Lime	gray	hard	6250	6256 $\frac{1}{2}$			
Lime, sandy	gray	hard	6256 $\frac{1}{2}$	6267 $\frac{1}{2}$			
Lime	dark gray	hard	6267 $\frac{1}{2}$	6272			
TOTAL DEPTH				6272			
PLUGGED BACK TO				3379			

6137  
3365  
72

6137 6224 6235  
1618 1618 1618  

---

4519 4606 4619

6272  
3365  
2907  
cyl  
ftg.

For plugging back details see AFFIDAVIT OF PLUGGING AND FILLING WELL (Form CG-8) dated 9/16/57.

Date September 26, 1957

APPROVED THE PURE OIL COMPANY  
P.O. BOX 554, NEWARK, OHIO, Owner

By [Signature]  
Area (Title) Superintendent

Jun-93  
 JUN 3 04  
 OFFICE OF OIL & GAS

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

API # 47-39-01657-F

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPLICATE, one copy mailed to the Division, on 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: SHONK LAND COMPANY Operator Well No.: 372-S-497

LOCATION: Elevation: 1,618.00 Quadrangle: PEYTONA  
 District: CABIN CREEK County: KANAWHA  
 Latitude: 9720 Feet South of 38 Deg. 7 Min. 30 Sec.  
 Longitude 3300 Feet West of 81 Deg. 30 Min. 0 Sec.

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

Company: C J Services Coal Operator Shonk Land Co  
Rt. 2, Box 159 or Owner P. O. Box 969  
Hamlin, WV 25523 Charleston, WV  
25324

Agent: Jerry Holcomb Coal Operator \_\_\_\_\_  
 or Owner \_\_\_\_\_

Permit Issued: 06/14/93

AFFIDAVIT

STATE OF WEST VIRGINIA,  
 County of Kanawha ss:

Chris Sowards and Dusty Vance 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 Carlos Hively Oil and Gas Inspector representing the Director, say that said work was commenced on the 8th day of Nov., 1993, and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Cement	3071	2876		
Cement	1082	982	1038' 7"	2390'
Cement	570	370		
Cement	274	200	Perf's in 10 3/4"	
Cement	175	90	557 Shot	
Cement	50	0	444 Shot	
Gel Between Plugs			380 Perf	
			264 Shot	
			157 Shot	
			110 Perf	

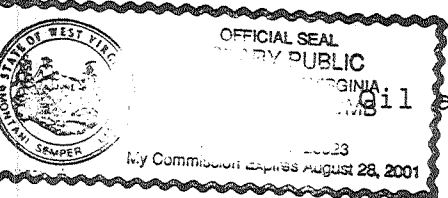
*[Handwritten signature]* 11/10/93

Description of monument: 7" Casing API # attached and that the work of plugging and filling said well was completed on the 13th day of Nov., 1993.

And further deponents saith not.

Chris Sowards  
Dusty Vance  
Jerry Holcomb Notary Public  
Carlos W. Hively Oil and Gas Inspector

Sworn and subscribe before me this 13th day of November, 1993  
 My commission expires: Aug 28, 2001



JAN 21 1994