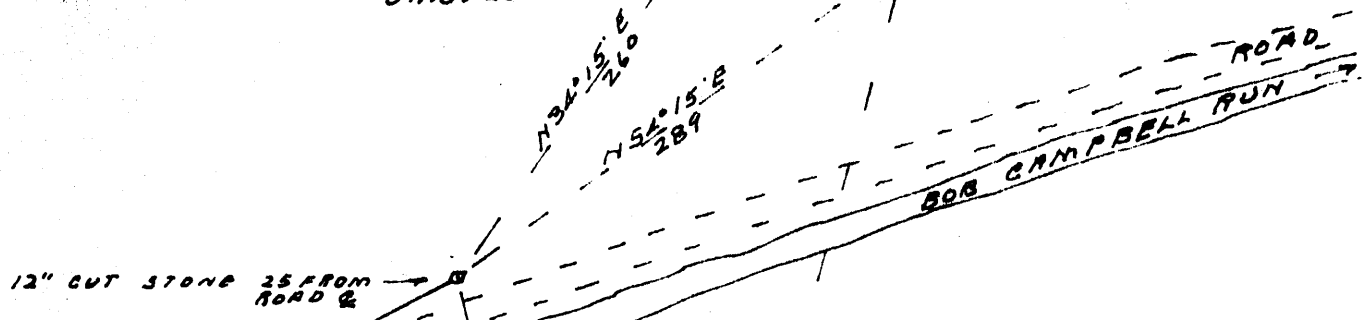


Latitude 39° 30'

Longitude 80° 35'

NOEL C. SHREVE 78.78 A. SURFACE ONLY  
 EZRA E. HAYS NRS. TRACT NO. 1, 181A - PART OF 364 A. TOTAL  
 COAL DELINQUENT TO THE STATE IN NAME OF J.A. BRITTON ETAL - NOT OPERATED

ACTUAL POSITION NO. 1  $S 62^{\circ} 53' E$  100  
 NO. 2 FILE 861  
 ORIG. LOC. OF NO. 1



12" CUT STONE 25 FROM ROAD &

$S 62^{\circ} 40' W$   
 1047.75

$N 34^{\circ} 15' E$  260  
 $N 51^{\circ} 15' E$  289

ROAD  
 BOB CAMPBELL RUN

$N 12^{\circ} 45' W$  373  
 $N 16^{\circ} 45' E$  556

NOEL C. SHREVE SURF.  
 HAYS NRS 173.5

313.5  
 $N 88^{\circ} 40' W$   
 151.3  
 $N 73^{\circ} 15' W$

GREEN

New Location   
 Drill Deeper   
 Abandonment  issued 7/16/74

*Prior Oil Company*  
 Company *Prior Oil Co*  
 Address *301 14th St. Parkersburg, W. Va. 26201*  
 Farm *EZRA HAYS NRS*  
 Tract *1* Acres *364* Lease No. \_\_\_\_\_  
 Well (Farm) No. *2* Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) *861*  
 Quadrangle *CENTERPOINT NC*  
 County *WETZEL* District *GRANT*  
 Engineer *Robert P. Wheeler*  
 Engineer's Registration No. *3582*  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date *8-17-61* Scale *1" = 100'*

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

WELL LOCATION MAP  
 FILE NO. ~~WET-499 Revised~~  
 → **WET-513-#2-P1**

+ 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.

**47-103**

Latitude 39° 30'

Longitude 80° 35'

NOEL C. SHREVE 78.78 A. SURFACE ONLY  
EZRA E. HAYS HRS. TRACT NO. 1, 181A - PART OF 364 A. TOTAL  
COOK DEINQUENT TO THE STATE IN NAME OF J.A. BRITTON ETAL - NOT OPERATED

489-513  
0.615  
2.39 W

ACTUAL POSITION NO. 1  
ORIG. LOC. OF NO. 1  
NO. 2 E.L.E. 861

12" CUT STONE 25 FROM ROAD Q

ROAD  
BOB CAMPBELL RUN

562.40 W  
1047.75

N 34° 15' E  
260

N 51° 15' E  
289

N 12° 45' W  
373

N 16° 45' E  
556

NOEL C. SHREVE SURF.  
HAYS HAS 173.5

313.5  
N 88° 40' W

151.3  
N 73° 15' W

0866 N

New Location   
Drill Deeper   
Abandonment

Company IMPERIAL OIL CO

Address 307 UNION TRUST BLDG. PARKERSBURG, W. VA.

Farm EZRA HAYS HRS

Tract 1 Acres 364 Lease No. \_\_\_\_\_

Well (Farm) No. 2 Serial No. \_\_\_\_\_

Elevation (Spirit Level) 861

Quadrangle CENTERPOINT - NC

County WETZEL District GRANT

Engineer Robert P. Wheeler  
BY J. HERBERT HIBBINGOTHAM

Engineer's Registration No. 3582

File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_

Date 8-17-61 Scale 1" = 100'

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

WELL LOCATION MAP #1  
FILE NO. WET-489-REVISED  
WET-513-#2

+ 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.

To Crowded to plot (513#2) 6-6 95



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION 19

Quadrangle Centerpoint

Permit No. WET-513

**WELL RECORD**

Oil or Gas Well Gas  
(KIND)

Company Imperial Oil Company  
Address 307 Union Trust Bldg, Parkersburg  
Farm Ezra Hayes Heirs Acres 364  
Location (waters) \_\_\_\_\_  
Well No. Two Elev. 861  
District Grant County Wetzel  
The surface of tract is owned in fee by Noel Shreve  
Jacksonburg, W. Va. Address \_\_\_\_\_  
Mineral rights are owned by Simon Hayes, et al  
Smithfield, West Va. Address \_\_\_\_\_  
Drilling commenced September 12, 1961  
Drilling completed September 22, 1961  
Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
\_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
Volume estimated (1,000,000) Cu. Ft.  
Rock Pressure 235 lbs. 44 hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16	Conductor	left	Kind of Packer
13			Bottom Hole
10	140'	None	Size of
8 1/4	374'	None	4 1/4 x 8"
6 3/8			Depth set
5 3/16			975'
4 1/2"	1004'	1004'	Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

WELL ACIDIZED No  
WELL FRACTURED No

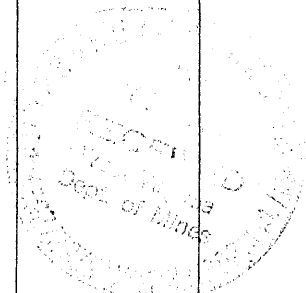
CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
11 Sks. Aquagel - Lawson Cementing  
COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

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
clay			0	14			
rock			14	25			
red rock			25	33			
lime			33	45			
shale			45	67			
red rock			67	75			
shale			75	116			
shale & lime shells			116	208			
lime			208	227			
shale & lime			227	272			
lime			272	279			
shale & lime			279	302			
slate			302	307			
shale & shells			307	350			
red rock			350	365			
shale & shells			365	402			
slate			402	418			
lime & slate			418	634			
lime			634	660			
shale & lime			660	741			
sand			741	764			
slate			764	798			
sand			798	812			
shale & lime			812	843			
lime			843	855			
shale			855	860			



Formation	Color	Hard or Soft	Top <i>19</i>	Bottom	Oil, Gas or Water	Depth Found	Remarks
red rock			860	867			
shale			867	880			
red rock			880	900			
shale & shells			900	957			
red rock			957	968			
lime			968	979			
shale			979	994			
✓ sand (Dunkard)			994	1004	Gas	994-1004'	
				1004	Total Depth		

Date October 9, 19 61

APPROVED Imperial Oil Company, Owner

By *James Jackson*  
(Title) Secretary