



COAL OWNED BY \_\_\_\_\_

NEW LOCATION...  FOR STORAGE  
 DRILL DEEPER...   
 ABANDONMENT...

0-25-10

COMPANY THE MANUFACTURERS LIGHT & HEAT  
 ADDRESS 800 UNION TRUST BLDG., PGH. PA.  
 FARM JOHN AND EMMA CROW  
 TRACT \_\_\_\_\_ ACRES 330 LEASE NO. 2900  
 WELL (FARM) No. 14 SERIAL No. 4696  
 ELEVATION (SPIRIT LEVEL) 1187.97'  
 QUADRANGLE CAMERON NE  
 COUNTY MARSHALL DISTRICT WEBSTER  
 ENGINEER John A. Loudon (O.G.)  
 ENGINEER'S REGISTRATION No. 12710  
 FILE No. \_\_\_\_\_ DRAWING No. V-25-576  
 DATE 20 JUNE 62 SCALE 1" = 800'

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

**WELL LOCATION MAP**  
 File No. MARS-469

+ 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.

9-022



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

Quadrangle Cameron

Permit No. MARS-469

WELL RECORD

*Gas* STORAGE

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company <u>The Mfrs. Lt. and Ht. Co.</u>	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address <u>800 Union Trust Bldg., Pittsburgh 19, Pa.</u>	Size			
Farm <u>John and Emma Crow</u> Acres <u>330</u>				
Location (waters) _____				
Well No. <u>4696</u> Elev. <u>1186.50' G.L.</u>				Kind of Packer _____
District <u>Webster</u> County <u>Marshall</u>	<u>13 3/8"</u>	<u>61'7"</u>	<u>61'7"</u>	
The surface of tract is owned in fee by _____	<u>10</u>			Size of _____
Address _____	<u>8 5/8"</u>	<u>714'4"</u>	<u>714'4"</u>	
Mineral rights are owned by _____	<u>6 5/8" x 5 1/2"</u>	<u>1785'4"</u>	<u>1785'4"</u>	Depth set _____
Address _____	<u>5 3/16</u>			
Drilling commenced <u>July 30, 1962</u>	<u>8</u>			Perf. top _____
Drilling completed <u>October 17, 1962</u>	<u>2</u>			Perf. bottom _____
Date Shot <u>10/14/62</u> From <u>Big Injun</u>	Liners Used			Perf. top _____
With <u>Pitot Tube</u>				Perf. bottom _____
Open Flow <u>168</u> /10ths Water in _____ Inch				
<u>168</u> /10ths Hg _____				
Volume <u>8,090,000</u> Cu. Ft.	CASING CEMENTED	SIZE	No. Ft.	Date
Rock Pressure <u>976</u> lbs. <u>72</u> hrs.				
Oil _____ bbls., 1st 24 hrs.	COAL WAS ENCOUNTERED AT <u>630</u> FEET _____ INCHES			
Fresh water <u>82</u> feet _____ feet	_____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES			

Formation	Color	THICKNESS	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Depth Datum - ground level							
✓ Pittsburgh Coal		7	630	637	Water - 82'		
✓ Big Dunkard		35	1097	1132			
Sand		30	1157	1187			
Sand		25	1197	1222			
Sand		50	1247	1297			
✓ Gas Sand		29	1313	1342	Show of gas at 1337' - Est. 50 MCF/day		
✓ 1st Salt Sand		25	1387	1412			
✓ Sand 2nd Salt		15	1467	1482			
✓ 3rd Salt Sand		145	1552	1697			
Big Injun			1737		Pay Zones - Big Injun		
Drilled 7 7/8" hole to 1787' and cemented 5 1/2" casing at 1785'					1819-1830 Driller		
Drilled 4 3/4" hole to 1848'					1834-1836 Driller		
Total Depth				1848			

