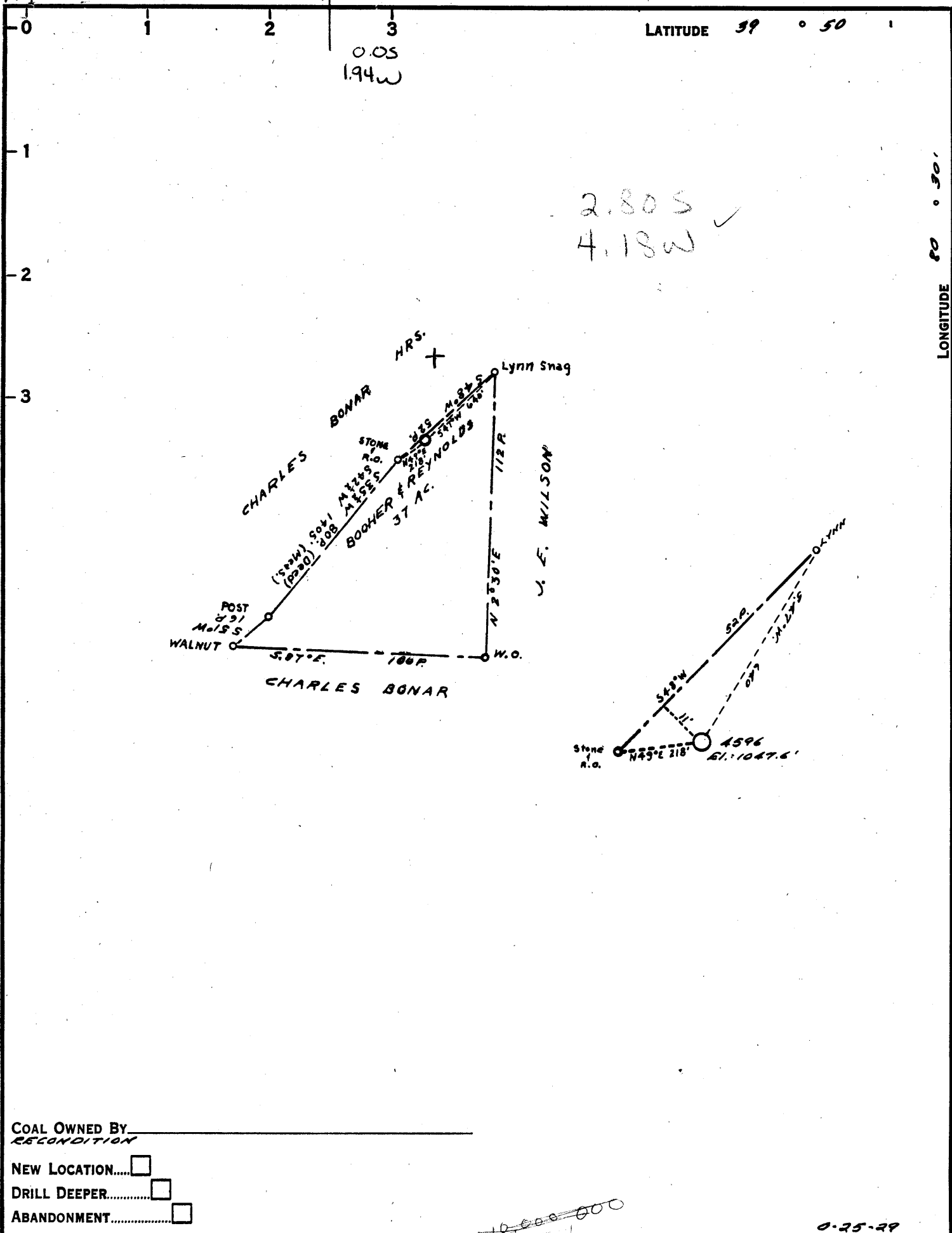


M



COAL OWNED BY _____
 RECONDITION _____
 NEW LOCATION.....
 DRILL DEEPER.....
 ABANDONMENT.....

COMPANY THE MANUFACTURERS LIGHT & HEAT
 ADDRESS 800 UNION TRUST BLDG., PGH. PA.
 FARM BOONER & REYNOLDS (QUIGLEY)
 TRACT _____ ACRES 40 LEASE No. 2189
 WELL (FARM) No. 2 SERIAL No. 4596
 ELEVATION (SPIRIT LEVEL) 1047.6
 QUADRANGLE CAMERON SE
 COUNTY MARSHALL DISTRICT LIBERTY
 ENGINEER Robert M. Heill J.F.
 ENGINEER'S REGISTRATION No. 361-E
 FILE No. _____ DRAWING No. Y-25-257
 DATE 23 DEC. 60 SCALE 1" = 200'

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

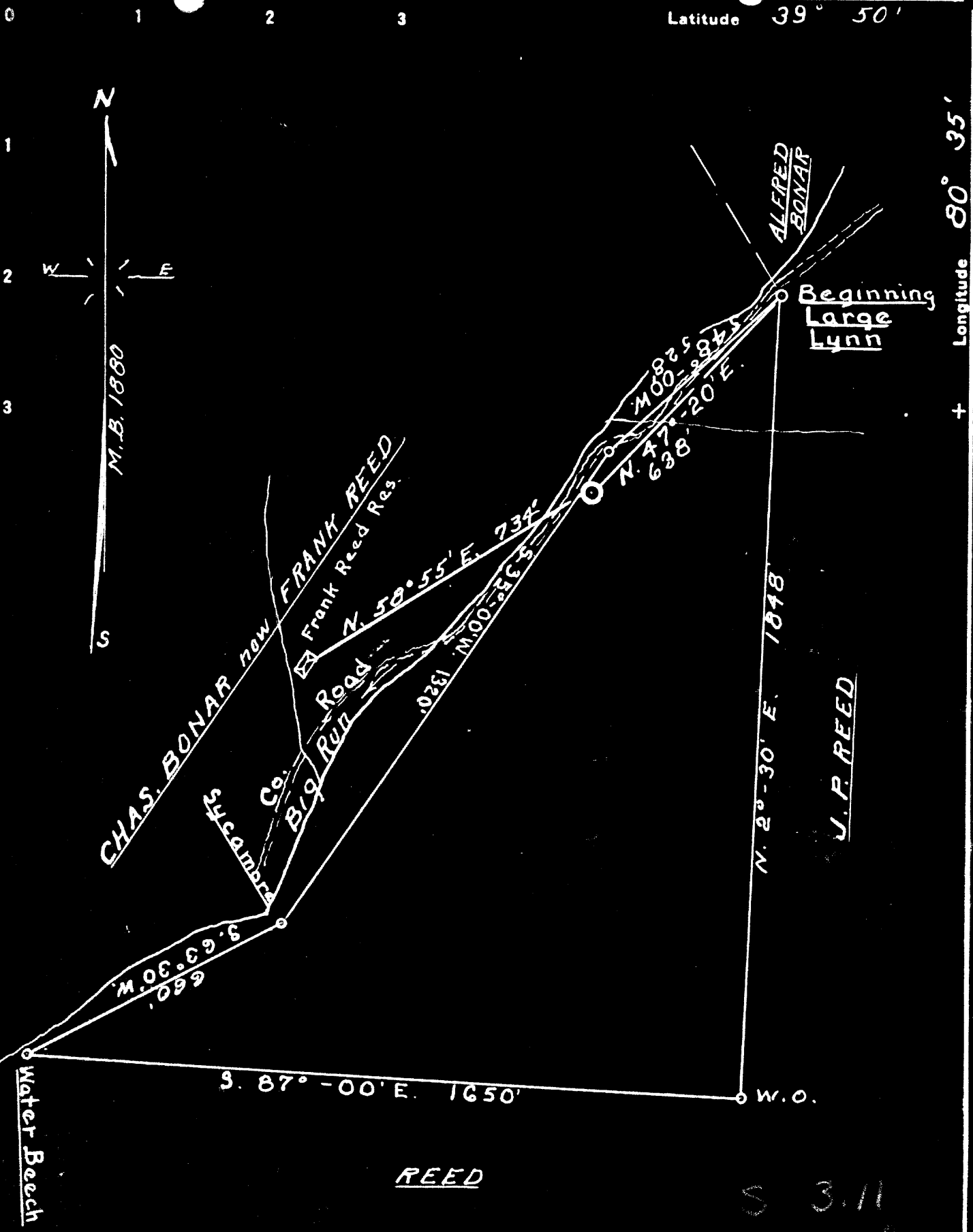
WELL LOCATION MAP

FILE No. MARS-403-R

+ 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.

Too Crowded To Plot

9-0 25



REED

S 3.11
W 0.08

ABANDONMENT

Company CAMERON LIGHT & H. Co.
 Address CAMERON, W. VA.
 Farm J. W. QUIGLEY
 Tract 1 Acres 40 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 1018
 Quadrangle CAMERON
 County MARSHALL District LIBERTY
 Engineer GORDON W. SAMMONS
 Engineer's Registration No. 509
 File No. _____ Drawing No. _____
 Date Sept. 6, 1938 Scale 1 Inch = 300 Ft.

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

WELL LOCATION MAP
 FILE NO. MARS-313-A-1

+ 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.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle /cameron

Permit No. MARS-403-R

WELL RECORD

Oil or Gas Well Storage GAS
(KIND)

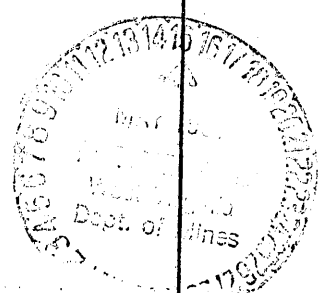
Company The Manufacturers Light and Heat Co.
Address 800 Union Trust Bldg., Pitts., 19, Pa.
Farm Booher and Reynolds Acres 40
Location (waters) _____
Well No. L-4596 Elev. 1047.6'
District Liberty County Marshall
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced January 9, 1961
Drilling completed April 8, 1961
Date Shot 4/10/61 From 1882' To 2050'
With Orifice Well Tester
Open Flow 0/10ths Water in 1/4 Inch
_____ /10ths Merc. in _____ Inch
Volume None Cu. Ft.
Rock Pressure 47 lbs. 48 hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet
Salt water _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10 3/4"	266'	266'	Size of
8 5/8"	731'	1105'	Depth set
6 7/8"	1815'	1936'	
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____

COAL WAS ENCOUNTERED AT 674 FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
		THICKNESS					
Pittsburgh Coal		9	674	683			
Big Dunkard Sand		76	1177	1253			
Lower Maxton Sand		8	1774	1782			
Big Lime			1786				
Big Injun Sand				2084			
Old 7" Casing		120	1816	1936	1786 1048 738		
Perforate old 7" casing			1882 1905	1895 1926			
Set new 7" casing				1815			
Plug back to			2050				
TOTAL DEPTH				2050			
Run 731' of new 8 5/8" casing on a steel shoe and set it on top of 374' of original 8" casing, left in the hole.							
Run 1815' of new 7" casing on a steel shoe and set it on top of 120' of original 7" casing, left in hole. The old 7" was perforated, 4 shots per foot, 1882 to 1895 and 1905 to 1926'.							





STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

362

Permit No. Wass-313-82

WELL RECORD

Oil or Gas Well GAS
(KIND)

Company CAMERON GAS CO.
Address BOX 541, CAMERON, W. VA.
Farm J. W. QUIGLEY Acres 3 1/2
Location (waters) Big Run
Well No. ONE (1) Elev. 1018
District LIBERTY County MARSHALL
The surface of tract is owned in fee by J. W. Quigley Est.,
c/o L. H. Quigley, Address R. D., Cameron, W.
Mineral rights are owned by Same
Address _____

Drilling commenced 10-19-14
Drilling completed 11-6-14
Date Shot _____ From _____ To _____
With _____

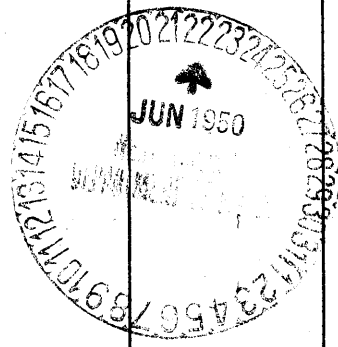
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet _____ feet
Salt water _____ feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer _____
13			
10			Size of _____
8 1/2	<u>1105'</u>	<u>1105'</u>	
6 5/8	<u>1921'</u>	<u>1921'</u>	Depth set _____
5 3/16			
3	<u>2860'</u>	<u>2860'</u>	Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____

COAL WAS ENCOUNTERED AT 160 FEET 38 INCHES
400 FEET 60 INCHES 600 FEET 36 INCHES
680 FEET 72 INCHES 1260 FEET 60 INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Conductor				<u>16'</u>			
Coal			<u>260'</u>	<u>263'</u>			
Bluff Sand			<u>350'</u>	<u>400'</u>			
Waynesburg Coal			<u>400'</u>	<u>405'</u>			
Mapletown Coal			<u>600'</u>	<u>605'</u>			
Pittsburgh Coal			<u>680'</u>	<u>686'</u>			
Murphy Sand			<u>790'</u>	<u>815'</u>			
Little Dunkard			<u>1070'</u>	<u>1075'</u>			
Big Dunkard			<u>1190'</u>	<u>1220'</u>			
Freeport Coal			<u>1260'</u>	<u>1265'</u>			
Gas Sand			<u>1340'</u>	<u>1375'</u>			
First Salt Sand			<u>1510'</u>	<u>1550'</u>			
Second Salt Sand			<u>1600'</u>	<u>1700'</u>			
Maxon Sand			<u>1720'</u>	<u>1750'</u>			
Big Lime			<u>1780'</u>	<u>1845'</u>			
Big Injun			<u>1845'</u>	<u>2095'</u>	<u>Gas</u>	<u>1920'</u>	
Total Depth				<u>1921'</u>			
			<u>DRILLED DEEPER NOV. 6th, 1916</u>				
Gordon Stray			<u>2635'</u>	<u>2694'</u>	<u>Gas</u>	<u>2635'</u>	



(Over) NOV 18 1950

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
DRILLED DEEPER MARCH 11th, 1927							
Gordon Stray			2694'	2706'			
Gordon Sand			2709'	2728'			
Slate			2728'	2746'			
Gordon Sand			2746'	2756'	Gas	2750'	
Fourth Sand			2785'	2789'	Gas	2785'	
Fifth Sand			2851'	2856'			
TOTAL DEPTH				2859'			
<p>NOTE - Bottom joint of 6 5/8" casing perforated, set at 1921'</p> <p>Tubing set on Anchor Packer, does not where set or how much anchor.</p>							

Date June 16th, 1950

APPROVED CAMERON GAS CO., Owner

By [Signature] Secretary (title)