

30211

C, P, O, A

COAL OWNED BY Consolidation Coal Co.  
RECONDITION

NEW LOCATION...

DRILL DEEPER...

ABANDONMENT...  issued 9-14-70

Originally Plugged Under  
State Permit MARC-211 0-25-28

COMPANY THE MANUFACTURERS LIGHT & HEAT  
 ADDRESS 800 UNION TRUST BLDG. PCH. PA.  
 FARM DAVID BONAR  
 TRACT \_\_\_\_\_ ACRES 124 LEASE No. 24426  
 WELL (FARM) No. 1 SERIAL No. 2448  
 ELEVATION (SPIRIT LEVEL) 12769'  
 QUADRANGLE COMBON SC  
 COUNTY MARSHALL DISTRICT LIBERTY  
 ENGINEER Thomas E. Virginia M.  
 ENGINEER'S REGISTRATION No. 1500  
 FILE No. \_\_\_\_\_ DRAWING No. Y-15-913  
 DATE 12 MAR. 1959 SCALE 1" = 800'

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

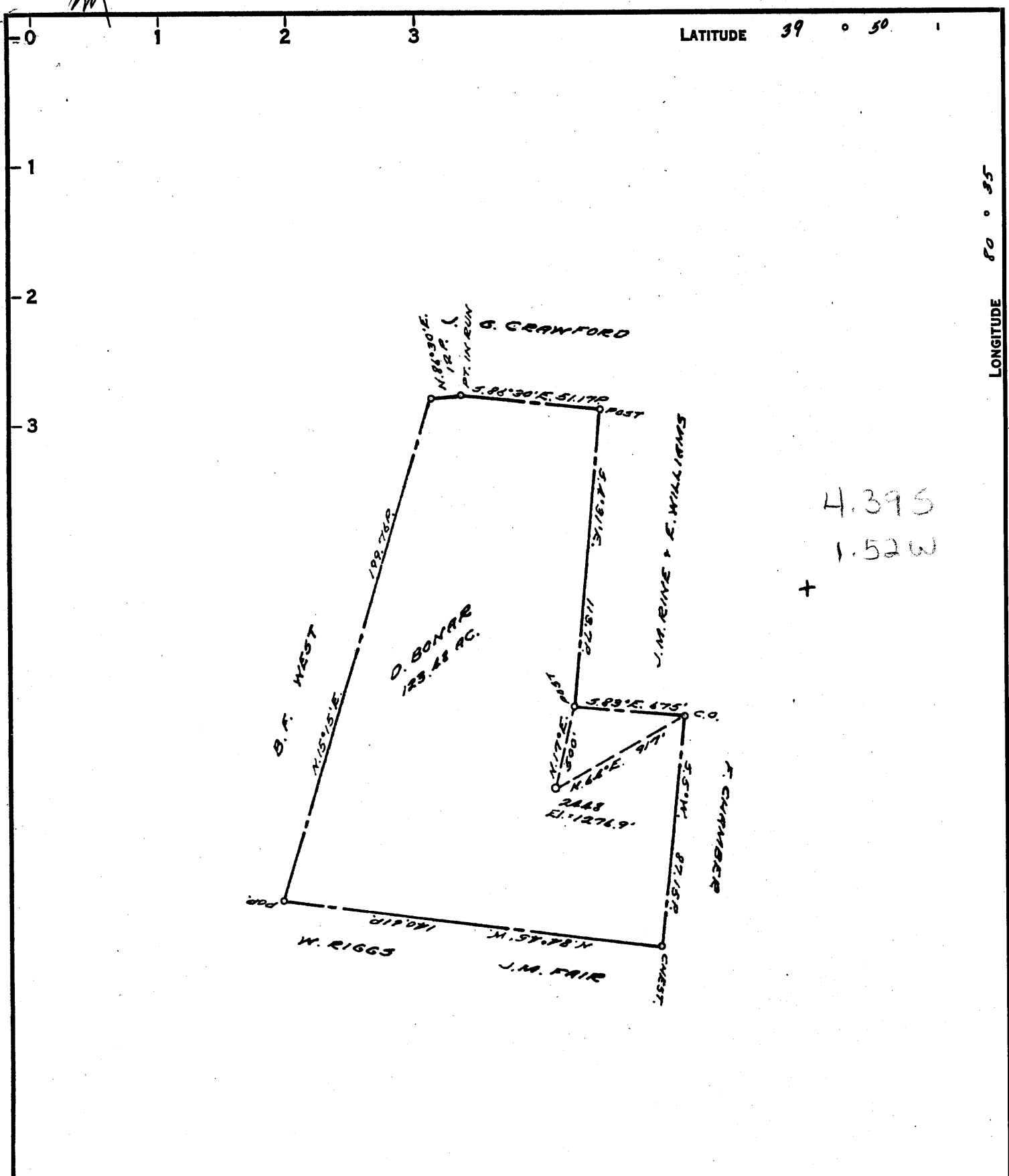
WELL LOCATION MAP

FILE No. MAR-349-Redrill-P  
(Storage)

+ 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.

9-0 25



4.395  
1.52W  
+

COAL OWNED BY: \_\_\_\_\_  
RECONDITION \_\_\_\_\_  
NEW LOCATION.....   
DRILL DEEPER.....   
ABANDONMENT.....

Originally Plugged Under  
State Permit Mars-211 0-25-28

COMPANY THE MANUFACTURERS LIGHT & HEAT  
ADDRESS 800 UNION TRUST BLDG. PGH. PA.  
FARM DAVID BONAR  
TRACT \_\_\_\_\_ ACRES 124 LEASE No. 24226  
WELL (FARM) No. 1 SERIAL No. 2448  
ELEVATION (SPIRIT LEVEL) 1276.9'  
QUADRANGLE CAMERON SC  
COUNTY MARSHALL DISTRICT LIBERTY  
ENGINEER Thomas E. Virgin M.  
ENGINEER'S REGISTRATION No. 1503  
FILE No. \_\_\_\_\_ DRAWING No. Y-15-913  
DATE 12 MAR. 1959 SCALE 1" = 800

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

**WELL LOCATION MAP**

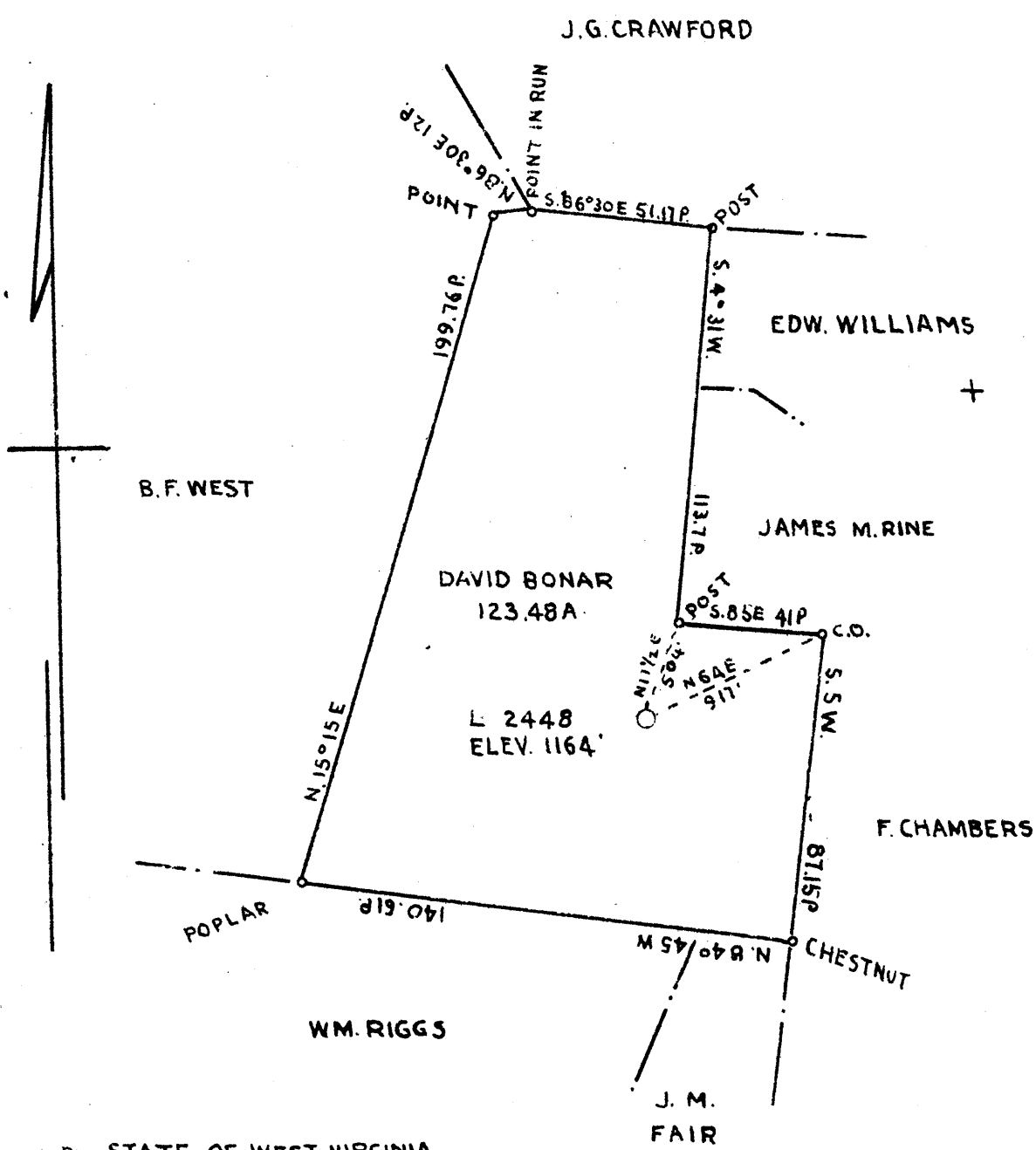
FILE No. Mars-347 Redrill  
(Storage)

+ 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.

4.52  
1.45

35  
80



COAL OWNED BY STATE OF WEST VIRGINIA

NEW LOCATION   
 DRILL DEEPER   
 ABANDONMENT

COMPANY THE MANUFACTURERS LIGHT AND HEAT CO.  
 ADDRESS 800 UNION TRUST BLDG. PITTSBURGH PA.  
 FARM DAVID BONAR  
 TRACT 123.48 LEASE NO. 2284  
 WELL HEAD NO. 1 SERIAL NO. 2448  
 ELEVATION 1164'  
 COUNTY CAMERON  
 COUNTY MARSHALL LIBERTY  
 ENGINEER *[Signature]*  
 ENGINEER'S REG. NO.   
 FILE NO. WELL BK. 24 P. 56 DRAWING NO. Y-11-54  
 DATE JULY 24 1944 SCALE 1" = 800'

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

WELL LOCATION MAP

FILE NO. *MARS-211-A -> 347*

1. DENOTES LOCATION OF WELL BY POINT AND TOPOGRAPHICAL MAPS. SCALE 1" = 800'. LATITUDE AND LONGITUDE USED BEING REPRESENTED BY DOTTED LINES AS SHOWN.

2. DENOTES ONE INCH SPACE TO DOUBLE LINE OF ORIGINAL SURVEY.



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

Quadrangle Cameron  
347-R  
Permit No. MARS-137-R

WELL RECORD

Oil or Gas Well Storage  
GAS  
(KIND)

Company <u>The Manufacturers Light and Heat Company</u>	Casing and Pa. Tubing	Used in Drilling	Left in Well	Packers
Address <u>800 Union Trust Building, Pittsburgh, Pa.</u>	Size			Kind of Packer
Farm <u>David Bonar</u> Acres <u>12 1/4</u>	16			
Location (waters)	13			
Well No. <u>2448</u> Elev. <u>1276.9'</u>	10. <u>3/4"</u> <u>314'</u>	<u>314'</u>	<u>314'</u>	Size of
District <u>Liberty</u> County <u>Marshall</u>	8. <u>5/8"</u> <u>1308'</u>	<u>1308'</u>	<u>1308'</u>	Depth set
The surface of tract is owned in fee by _____	7. <u>7"</u> <u>1980'</u>	<u>1980'</u>	<u>1980'</u>	
Address _____	5 <u>3/16"</u>			Perf. top
Mineral rights are owned by _____	8			Perf. bottom
Address _____	2			Perf. top
Drilling commenced <u>May 28, 1959</u>	Liners Used			Perf. bottom
Drilling completed <u>October 13, 1959</u>				
Date Shot From <u>0'</u> To <u>2300'</u>				
With <u>L-28 Bucyrus Erie Machine</u>				
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 CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_

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

Formation	Color	<del>TOP</del>	<del>BOTTOM</del>	<del>THICKNESS</del>	Oil, Gas or Water	Depth Found	Remarks
<input checked="" type="checkbox"/> Pittsburgh Coal		TOP	BOTTOM	THICKNESS			
<input checked="" type="checkbox"/> Big Dunkard		873	880	7			
<input checked="" type="checkbox"/> Big Lime		1422	1450	28			
<input checked="" type="checkbox"/> Big Injun Sand		1955	2259		1955		
TOTAL DEPTH			2230		1277		
					678		





STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

249

Permit No. 211-A → 347  
Drilled in 1919

WELL RECORD

Oil or Gas Well Gas  
(KIND)

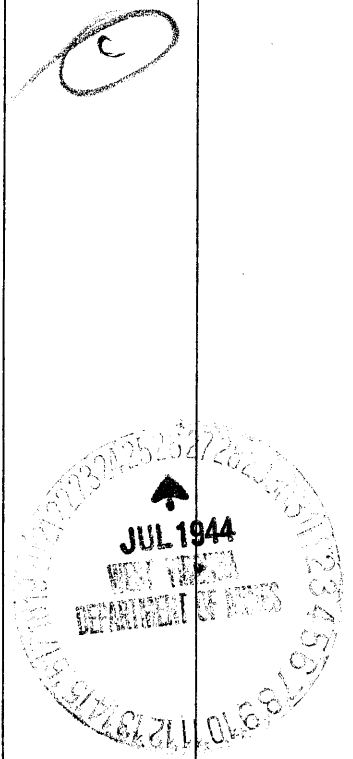
Company The Manufacturers Light & Heat Co.  
Address 800 Union Trust Bldg., Pittsburgh, Pa.  
Farm David Bonar Acres 124  
Location (waters) \_\_\_\_\_  
Well No. 1 - 2448 Elev. 1164  
District Liberty County Marshall  
The surface of tract is owned in fee by David Bonar  
Address Cameron, Wya.  
Mineral rights are owned by The Mfrs Light & Heat Co.  
800 Union Trust Bldg. Address Pittsburgh, Pa.  
Drilling commenced 9/3/19  
Drilling completed 10/17/19  
Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow 9 /10ths Water in \_\_\_\_\_ 2 Inch  
\_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
Volume \_\_\_\_\_ Cu. Ft.  
Rock Pressure 1 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
18			
10	326'	-	Size of
8 1/4	1346'	0	?
6 3/4	2040'	2040'	Depth set
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 572 FEET 60 INCHES  
770 FEET 60 INCHES 873 FEET 84 INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Clay, Slate, Lime			0	45			
Red Rock			45	60			
Slate			60	110			
Lime			110	130			
Slate			130	175			
Red Rock			175	205			
Sand			205	240			
Lime			240	260			
Slate			260	326			
Red Rock			326	335			
Lime			335	390			
Slate			390	450			
Lime			450	495			
Slate			495	511			
Coal			511	515			
Slate			515	542			
<del>Slate</del> Bluff Sand			542	572			
Waynesburg Coal			572	577			
Lime			577	770			
Mapletown Coal			770	775			
Lime			775	815			
Slate			815	873			
Pittsburgh Coal			873	880			
Slate & Lime			880	955			
Red Rock			955	970			
Lime			970	1005			
Red Rock			1005	1020			
Slate & Shells			1020	1064			
Murphy Sand			1064	1076			
Slate			1076	1118			
Lime			1118	1228			
Sand			1228	1248			
Slate			1248	1260			
Red Rock			1260	1290			
Lime			1290	1360			
Slate			1360	1412			
<del>Slate</del> Dunkard Sand			1412	1452			
Slate			1452	1550			



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Gas Sand			1550	1560			
Slate			1560	1770			
Shells			1770	1900			
Maxon Sand			1900	1930			
Pencil Cave			1930	1937			
Big Lime			1937	2001			
Big Injun			2001	2251			
Slate			2251	2475			
Shells			2475	2620			
30-Foot			2620	2635			
Slate & Shells			2635	2700			
Red Rock			2700	2780			
Shells			2780	2823			
50-Foot			2823	2853			
Slate			2853	2873			
Gordon Stray			2873	2882			
Gordon Sand			2888	2896			
Shells			2896	2920			
Slate			2920	2932			
Lith Sand			2932	2938	Gas at 2932		
Slate			2938	3034			
Total depth				3046			

Date \_\_\_\_\_, 194\_\_\_\_\_

APPROVED \_\_\_\_\_, Owner

By \_\_\_\_\_ (Title)