



West Virginia Department of Environmental Protection
Office of Oil and Gas
WELL LOCATION FORM: GPS

API: 47-51-00279 P WELL NO.: SGW61

FARM NAME: Alta Alma Brown

RESPONSIBLE PARTY NAME: _____

COUNTY: Marshall DISTRICT: Sandhill

QUADRANGLE: Valley Grove 7.5"

SURFACE OWNER: Paul H. & Annette A. Hemsley

ROYALTY OWNER: _____

UTM GPS NORTHING: 4428308.7m

UTM GPS EASTING: 539840.3m GPS ELEVATION: 1101.79'

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

1. Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
2. Accuracy to Datum – 3.05 meters
3. Data Collection Method:

Survey grade GPS : Post Processed Differential _____
Real-Time Differential 0.03m

Mapping Grade GPS _____ : Post Processed Differential _____
Real-Time Differential _____

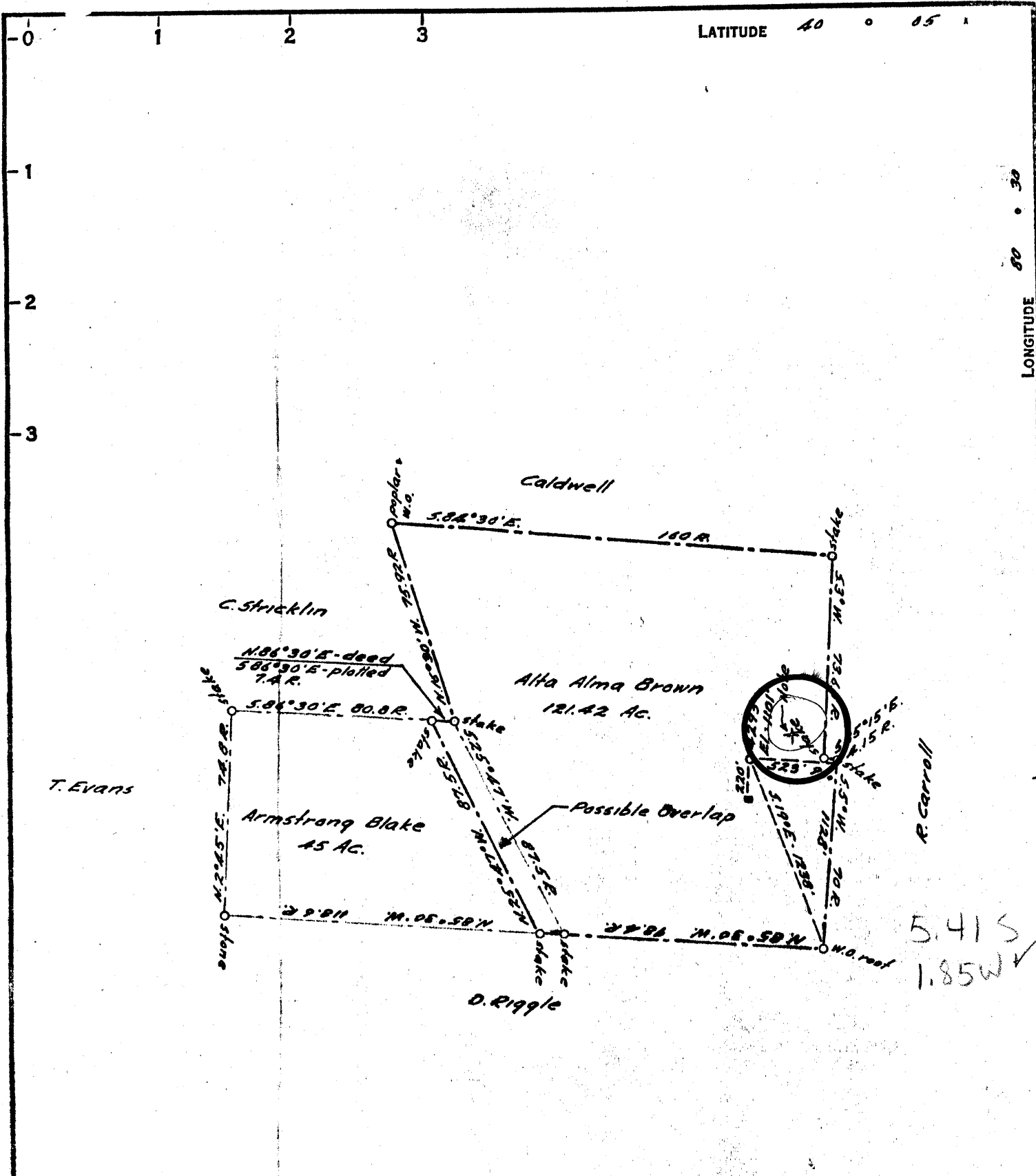
I the undersigned, hereby certify this data is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Office of Oil and Gas.

[Signature] #2002
Signature
Date May 23, 2003

Professional Surveyor
Title

RECEIVED
Office of Oil & Gas
Office of Chief
NOV 25 2003
WV Department
Environmental Protection

MARS 0279-P



COAL OWNED BY Manor Real Estate Co.

NEW LOCATION
 DRILL DEEPER
 ABANDONMENT issued July 27, 1970

COMPANY The Manufacturers Light & Heat Co.
 ADDRESS 800 Union Trust Bldg. Pgh. Pa.
 FARM Alta Alma Brown
 TRACT _____ ACRES 122 LEASE No. 23797
 WELL (FARM) No. 1 SERIAL No. 4293
 ELEVATION (SPIRIT LEVEL) 1101'
 QUADRANGLE Wheeling SE
 COUNTY Marshall DISTRICT Sandhill
 ENGINEER A. C. Streater - J.M.
 ENGINEER'S REGISTRATION No. 9442
 FILE No. _____ DRAWING No. V-15-201
 DATE 30 March 1955 SCALE 1" = 800'

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

WELL LOCATION MAP
 FILE No. MARS-279-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.



COAL OWNED BY _____
storage ✓

NEW LOCATION.....

DRILL DEEPER.....

ABANDONMENT.....

COMPANY The Manufacturers Light & Heat Co.

ADDRESS 800 Union Trust Bldg. Pgh. Pa.

FARM Alta Alma Brown

TRACT _____ ACRES 122 LEASE No. 23797

WELL (FARM) No. 1 SERIAL No. 4293
F-3495

ELEVATION (SPIRIT LEVEL) 1101'

QUADRANGLE Wheeling

COUNTY Marshall DISTRICT Sandhill

ENGINEER A. O. Streater - J.M.

ENGINEER'S REGISTRATION No. 9442

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DATE 30 March 1955. SCALE 1" = 800'

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 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
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WELL LOCATION MAP

FILE No. MARS-279

+ 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

WELL RECORD

Storage

Permit No. MARS-279

Oil or Gas Well Gas
(KIND)

Company THE MANUFACTURERS LIGHT AND HEAT CO.
Address 800 UNION TRUST BUILDING, PGH., PENNA.
Farm Alta Alma Brown Acres 122
Location (waters) _____
Well No. 4293 Elev. 1101'
District Sandhill County Marshall
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced July 1954
Drilling completed November 12, 1954
Date Shot _____ From _____ To _____
With _____
Open Flow 8/10ths Water in 1 Inch
1/10ths Merc. in _____ Inch
Volume 22,032 Cu. Ft.
Rock Pressure 298 lbs. 24 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	167	167	
10	959	959	Size of
8 3/4	1321	1321	
6 5/8	1695	1695	Depth set
5 8/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

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

COAL WAS ENCOUNTERED AT 590 FEET _____ INCHES
_____ FEET _____ INCHES
_____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
✓ Pittsburgh Coal			590	601			
✓ 1st Gas Sand			1186	1258			
✓ 1st Salt Sand			1310	1369			
✓ 2nd & 3rd Salt Sand			1484	1633			
✓ Big Lime			1666	1700			
✓ Big Injun			1700	1967			
Upper 30' (Berea)			2308	2322		1666	1101
✓ No 50' Sand						1101	590
✓ No 30' Sand							+511
✓ Gordon Stray			2625	2648			
✓ Gordon Gas			2674	2693			
✓ 4th Sand			2722	2734			
✓ 5th Sand			2775	2836			
Drilled to Total Depth			3077				
Plugged back to Total Depth			2706				

