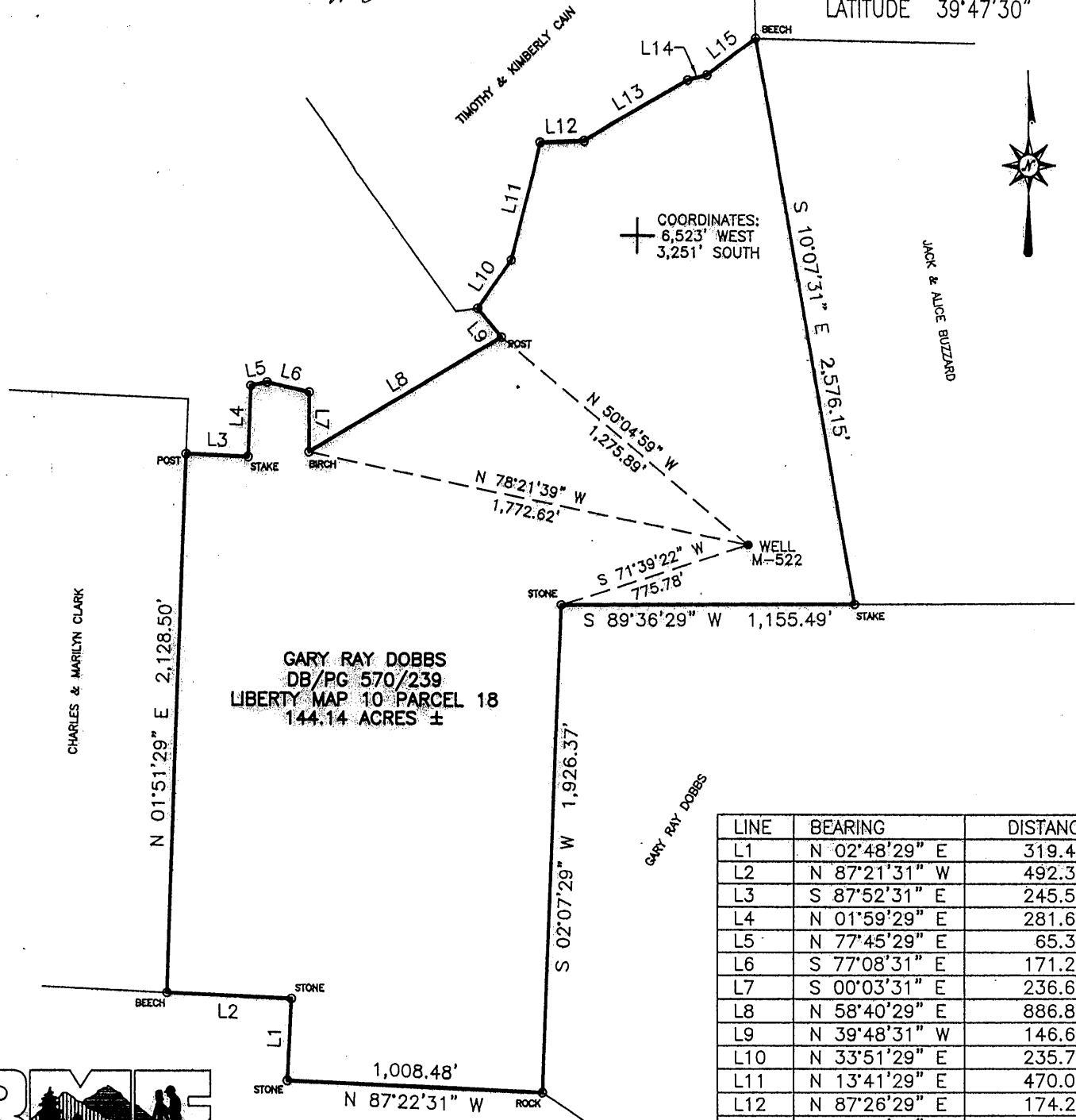


LATITUDE 39°47'30"

LONGITUDE 80°35'00"



COORDINATES:
6,523' WEST
3,251' SOUTH

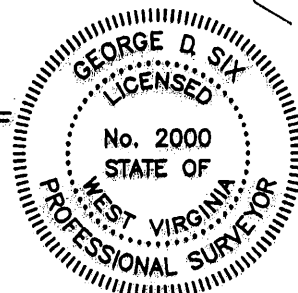


GARY RAY DOBBS
DB/PG 570/239
LIBERTY MAP 10 PARCEL 18
144.14 ACRES ±

LINE	BEARING	DISTANCE
L1	N 02°48'29" E	319.44'
L2	N 87°21'31" W	492.36'
L3	S 87°52'31" E	245.52'
L4	N 01°59'29" E	281.66'
L5	N 77°45'29" E	65.34'
L6	S 77°08'31" E	171.27'
L7	S 00°03'31" E	236.61'
L8	N 58°40'29" E	886.88'
L9	N 39°48'31" W	146.68'
L10	N 33°51'29" E	235.78'
L11	N 13°41'29" E	470.09'
L12	N 87°26'29" E	174.24'
L13	N 59°29'29" E	474.21'
L14	N 75°04'29" E	78.38'
L15	N 53°00'29" E	173.25'



Blue Mountain Engineering
11023 MASON DIXON HIGHWAY
BURTON, WV 26562
PHONE: (304) 662-8488



I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT 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 DEPARTMENT OF ENERGY.

P.S. No. 2000 *George D. Six*

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

DATE JULY 7, 2004
OPERATOR'S WELL NO. M-522
API WELL NO. 47 - 051 - 00949P
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY: 1/2500 FILE No.: M-522
SCALE: 1" = 600'
PROVEN SOURCE OF ELEVATION: U.S.G.S. MONUMENT - EASTON 1481.53'

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
WV 051410

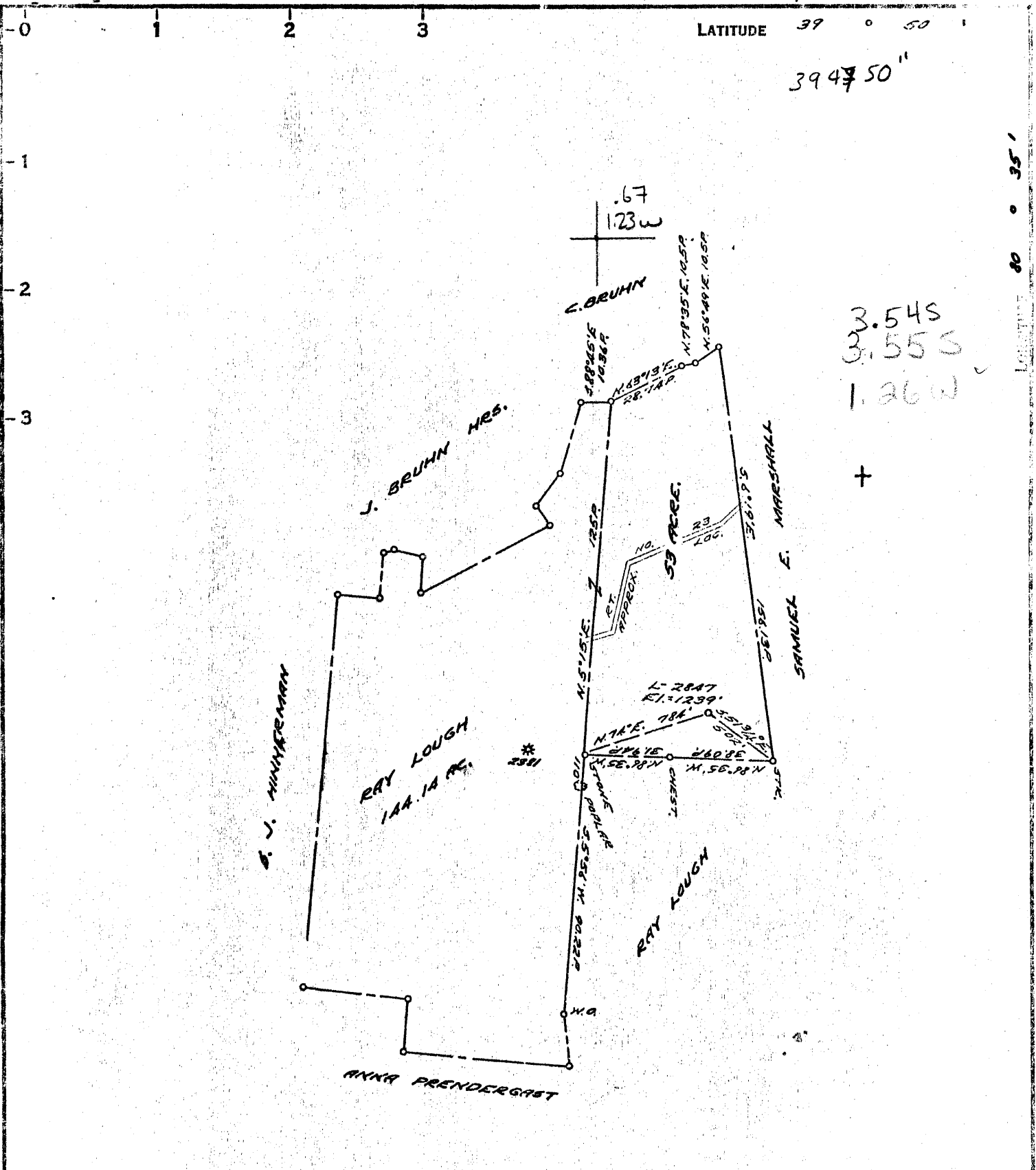
WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL "GAS" PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION: 1237.12' WATERSHED: UNNAMED TRIBUTARY TO FISH CREEK
DISTRICT: LIBERTY COUNTY: MARSHALL QUADRANGLE: CAMERON, WV 7.5'
SURFACE OWNER: GARY RAY DOBBS ACREAGE: 144.14±
ROYALTY OWNER: _____ LEASE ACREAGE: _____
PROPOSED WORK: _____ LEASE No.: _____
DRILL: _____ CONVERT: _____ DRILL DEEPER: _____ REDRILL: _____ FRACTURE OR STIMULATE: _____ PLUG OFF OLD: _____
FORMATION: _____ PERFORATE NEW FORMATION: _____ PLUG AND ABANDON: CLEAN OUT AND REPLUG: _____ OTHER: _____
PHYSICAL CHANGE IN WELL (SPECIFY): _____ TARGET FORMATION: NONE
ESTIMATED DEPTH: _____

WELL OPERATOR: CONSOLIDATION COAL Co., RIVER OPERATIONS DESIGNATED AGENT: MICHELE O'NEIL
ADDRESS: Rd #4, Box 425, Moundsville, WV 26041 ADDRESS: Rd #4, Box 425, Moundsville, WV 26041

COUNTY NAME: MARSHALL
PERMIT: 0949 P

AUG 8 4 2004



COAL OWNED BY _____
 REGISTRATION _____
 NEW LOCATION...
 DRILL DEEPER...
 ABANDONMENT... *issued 7-23-69*

0-25-27

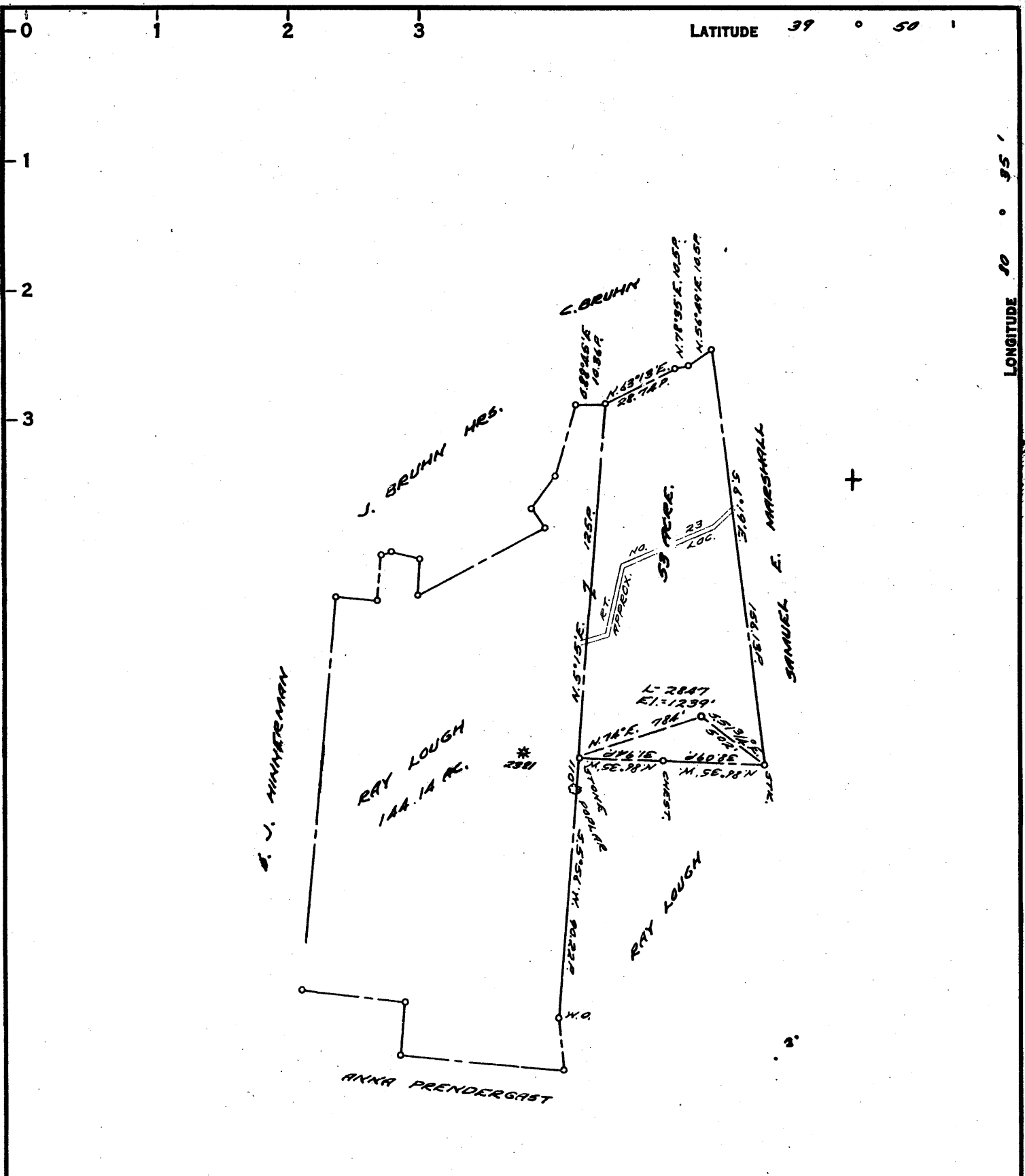
COMPANY THE MANUFACTURERS LIGHT & HEAT CO.
 ADDRESS 800 UNION TRUST BLDG., PGH., PA.
 FARM RAY LOUGH
 TRACT ACRES 144 LEASE NO. 28424
 WELL (FARM) NO. 2 SERIAL NO. 2847
 ELEVATION (SPIRIT LEVEL) 1239'
 QUADRANGLE CAMERON SC
 COUNTY MARSHALL DISTRICT LIBERTY
 ENGINEER Thomas E. Yugin M
 ENGINEER'S REGISTRATION NO. 1503
 FILE NO. _____ DRAWING NO. V-25-307
 DATE 28 MAR. 61 SCALE 1" = 800'

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

WELL LOCATION MAP
 FILE NO. MARS-410-R-P

3051 9490

+ 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 _____
 RECONDITION _____
 NEW LOCATION.....
 DRILL DEEPER.....
 ABANDONMENT.....

0-25-29

COMPANY THE MANUFACTURERS LIGHT & HEAT CO.
 ADDRESS 800 UNION TRUST BLDG., PGH., PA.
 FARM RAY LOUGH
 TRACT _____ ACRES 144 LEASE NO. 26424
 WELL (FARM) NO. 2 SERIAL NO. 2847
 ELEVATION (SPIRIT LEVEL) 1239'
 QUADRANGLE CAMERON SW
 COUNTY MARSHALL DISTRICT LIBERTY
 ENGINEER Thomas E. Yuzin M
 ENGINEER'S REGISTRATION NO. 1503
 FILE NO. _____ DRAWING NO. Y-25-307
 DATE 28 MAR. 61 SCALE 1" = 800'

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

WELL LOCATION MAP

FILE NO. MARS-410-R

OS 1949P

+ 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

CAMERON

Quadrangle _____

WELL RECORD

Permit No. MARS-410-R → 949P

Storage
Oil or Gas Well GAS
(KIND)

Company The Mfrs. Lt. and Ht. Co.
Address 800 Union Trust Bldg., Pittsburgh 19, Pa.
Farm Ray Lough Acres 144
Location (waters) _____
Well No. L-2847 Elev. 1239'
District Liberty County Marshall
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced April 14, 1961
Drilling completed June 3, 1961
Date Shot 6/9/61 From 2068' To 2320'
With Orifice Well Tester
Open Flow 0 /10ths Water in 1/4 Inch
_____ /10ths Merc. in _____ Inch
Volume None Cu. Ft.
Rock Pressure 5 lbs. 72 hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet
Salt water _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer _____
13			
10 3/4"	299'	299'	Size of _____
8 5/8"	1418'	1418'	Depth set _____
7"	2068'	2068'	
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 940 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		8	940	948			
✓ Big Dunkard Sand		88	1408	1496			
✓ Big Lime			2034				
✓ Big Injun Sand				2338			
Set 7" Casing				2068			
Plug Back to			2320				
Total Depth				2320			