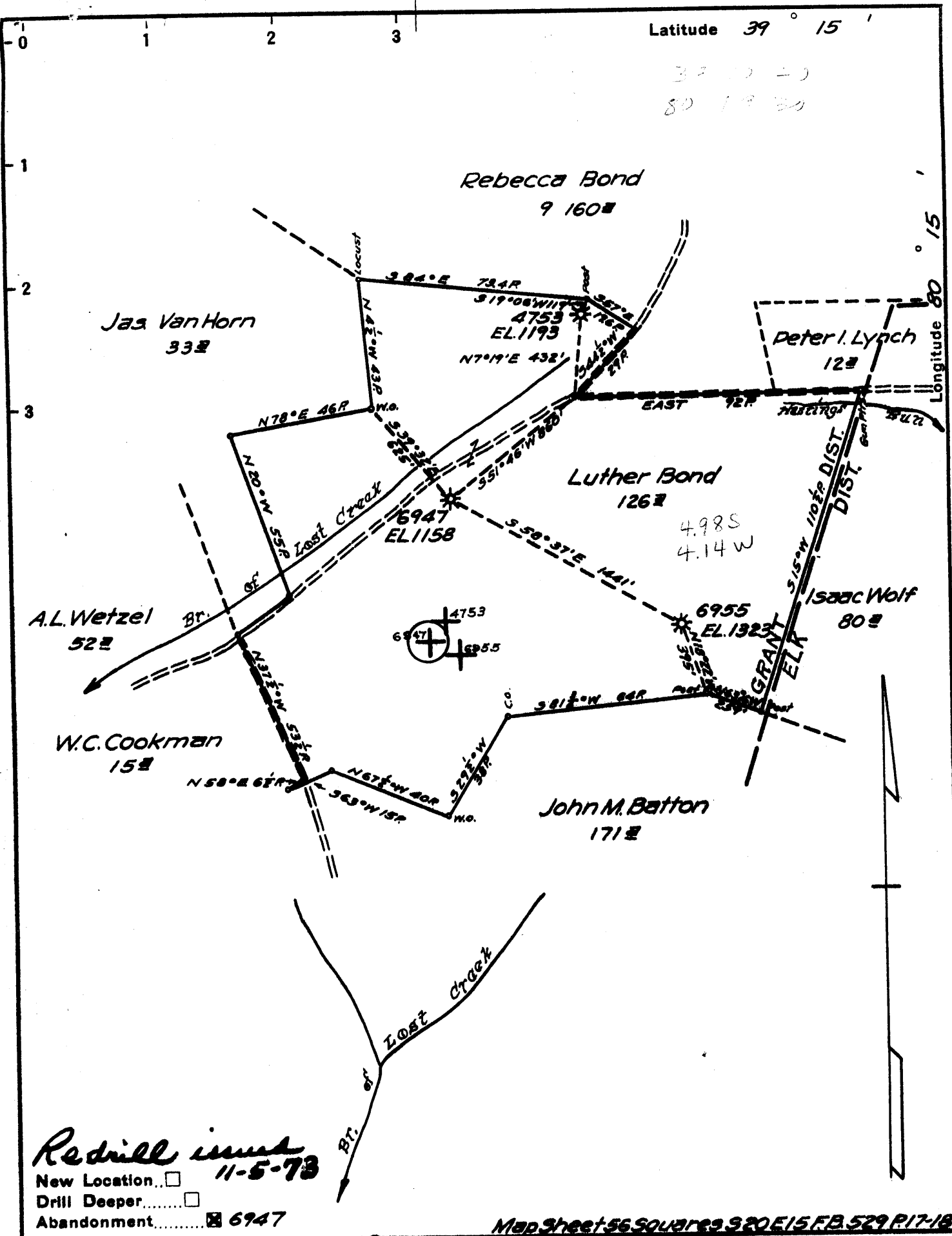


Latitude 39° 15'

37 10 20
80 13 30



Redrill issued
New Location 11-5-73
Drill Deeper
Abandonment 6947

Map Sheet 56 Square 9 320 E 15 FB 529 P 17-18

Consolidated Gas Supply Corp.	
Company <u>Hope Natural Gas Co.</u>	
Address <u>Clarksburg, W. Va. 445 W. Main St.</u>	
Farm	<u>Luther Bond</u> 26801
Tract	Acres <u>126</u> Lease No. <u>(6947) 43716</u>
Well (Farm) No.	<u>6947</u> Serial No. <u>See Above</u>
Elevation (Spirit Level)	<u>1158'</u> See Above
Quadrangle	<u>Weston</u> N 9
County	<u>Harrison</u> District <u>Grant</u>
Engineer	<u>W.M. Powers</u>
Engineer's Registration No.	<u>900</u>
File No.	Drawing No.
Date <u>10-2-46</u>	Scale <u>1" = 40P</u>

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

WELL LOCATION MAP
FILE NO. HAR-7019-A, NO-6947

Transferred to: Har-756-Red
+ 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.

47-033



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division
WELL RECORD

Quadrangle Weston
Permit No. HAR-756-Red.

Rotary Oil _____
Cable _____ Gas _____
Recycling _____ Comb. _____
Water Flood _____ Storage
Disposal _____ (Kind)

Company Consolidated Gas Supply Corp.
Address Clarksburg, WV
Farm Luther A. Bond Acres 125
Location (waters) Lost Creek
Well No. CW-559 (6947) Elev. 1158
District Grant County Harrison
The surface of tract is owned in fee by _____
E. S. Lowther
Address Mt. Clare, WV
Mineral rights are owned by Same
Address _____
Drilling Commenced 1-8-74
Drilling Completed 1-17-74
Initial open flow _____ cu. ft. _____ bbls.
Final production 665 cu. ft. per day _____ bbls.
Well open 72 hrs. before test 60# RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 20 10"	199	199	200 SKS
9 5/8			
8 5/8			
7			
5 1/2			
4 1/2	1947	1947	700 SKS
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Perforated from 1658-62, 12 holes. Acidized w/500 gal. HCl acid.

Coal was encountered at _____ Feet _____ Inches
Fresh water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand Gantz Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Big Lime			1240	1298		
Big Injun			1298	1411		
<u>Gantz</u>			1642	1663	Gas: 1643-52	
Gantz "A"			1687	1719	Gas: 1705-14	
50'			1740	1806		
30'			1864	1910		
Total Depth				1966 K.B.		

(over)

* Indicates Electric Log tops in the remarks section.



RECEIVED

NOV 5 1973

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,
Charleston, W. Va.

DATE November 2, 1973

Surface Owner E. S. Lowther

Company Consolidated Gas Supply Corporation

Address Route #1, Mt. Clare, W. Va.

Address Clarksburg, W. Va.

Mineral Owner Same

Farm Luthur A. Bond Acres 125

Address _____

Location (waters) Lost Creek

Coal Owner None

Well No. CW-559 (6917) Elevation 1158'

Address _____

District Grant County Harrison

Coal Operator None

Quadrangle WESTON

Address _____

INSPECTOR TO BE NOTIFIED Mr. Wm. Blosser
Box 1857 PH: Fairmont
Colfax 363-9105
W. Va. 26566

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for Redrilling. This permit shall expire if operations have not commenced by 3-5-74.

John H. Hill
Deputy Director - Oil & Gas Division

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated 6-27-06 19 by Luther A. Bond made to Olandus West and recorded on the 22nd day of December 1906, in Harrison County, Book 159 Page 215

 NEW WELL DRILL DEEPER ~~XXX~~ REDRILL FRACTURE OR STIMULATE
 OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. *

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address day before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours,
(Sign Name) R. E. Bayne Manager of Prod.
Well Operator

Address
of
Well Operator

Consolidated Gas Supply Corporation
Street
445 West Main Street
City or Town
Clarksburg, W. Va.
State

*SECTION 3. . . . If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

BLANKET BOND

HAR-1019-A Trans PERMIT NUMBER
To: Har-756-Red
47-033

THIS IS AN ESTIMATE ONLY
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO XX Re- DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME S. W. Jack Drilling Co. _____ NAME R. E. Bayne _____
 ADDRESS Indiana, Pa. _____ ADDRESS Bridgeport, W. Va. _____
 TELEPHONE - - _____ TELEPHONE 623-3611 _____
 ESTIMATED DEPTH OF COMPLETED WELL: 1910' _____ ROTARY xxx _____ CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Gantz Storage _____
 TYPE OF WELL: OIL _____ GAS _____ COMB. _____ STORAGE xxx _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10			
9 - 5/8			
8 - 5/8			
7			
5 1/2			
4 1/2	1910'	1910'	To surface
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS N.R. FEET _____ SALT WATER N.R. FEET _____
 APPROXIMATE COAL DEPTHS None _____
 IS COAL BEING MINED IN THE AREA? No _____ BY WHOM? _____

TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

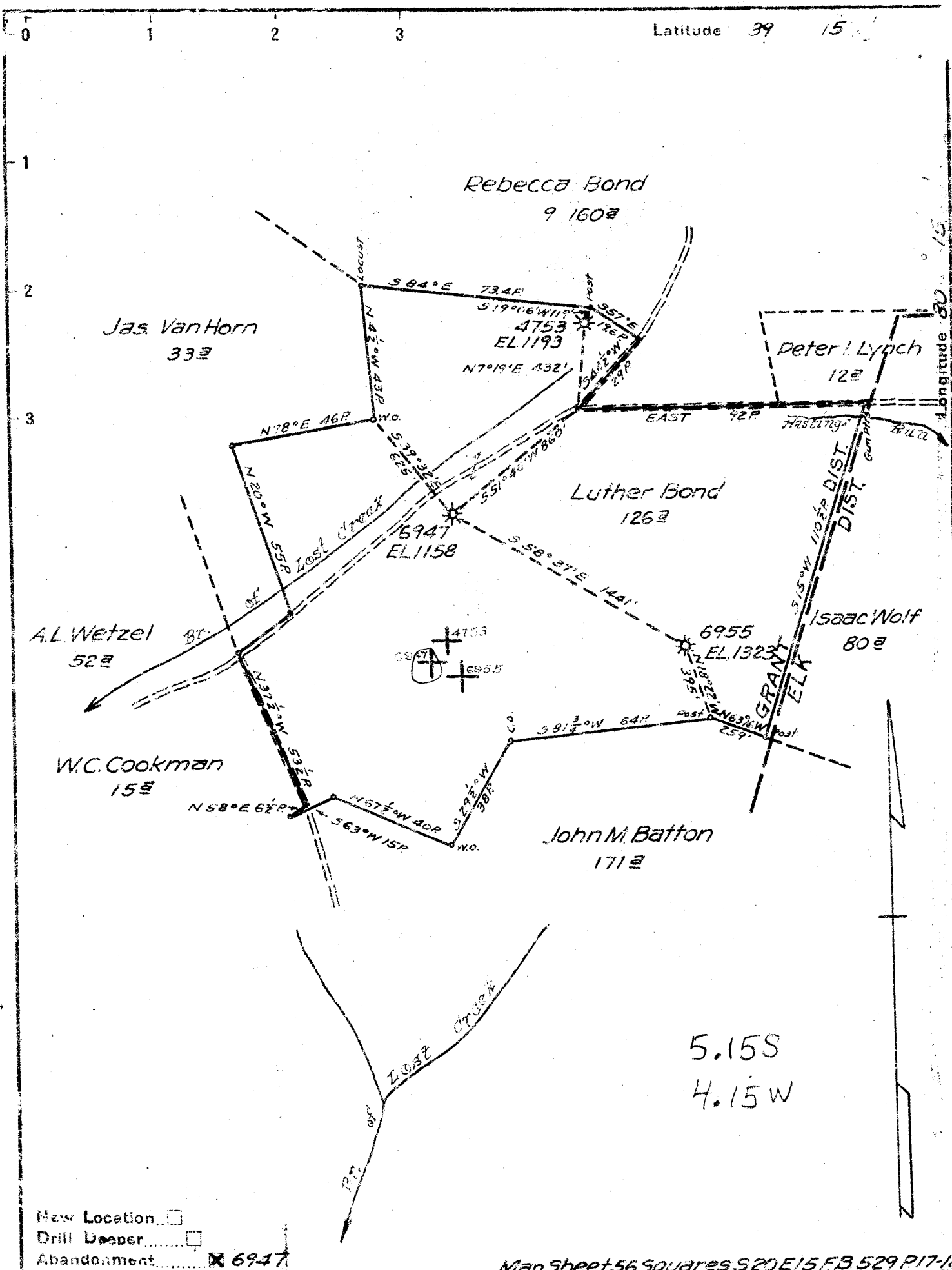
The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for _____ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the _____ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

For Coal Company

Official Title



New Location
 Drill Deeper
 Abandonment 6947

Map Sheet 56 Squares S 20 E 15 FB 529 P 17-1

Company <u>Hope Natural Gas Co.</u>	
Address <u>Clarksburg, W. Va.</u>	
Farm <u>Luther Bond</u>	
Tract _____	Acreage <u>126</u>
Lease No. <u>43716</u>	
Well (Farm) No. _____	Serial No. <u>See Above</u>
Elevation (Spirit Level) <u>See Above</u>	
Quadrangle <u>Weston</u>	
County <u>Harrison</u>	District <u>Grant</u>
Engineer <u>W.M. Powers</u>	
Engineer's Registration No. <u>900</u>	
File No. _____	Drawing No. _____
Date <u>10-2-46</u>	Scale <u>1" = 40P</u>

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

WELL LOCATION MAP
 FILE NO. HAR-1019-A, No. 6947
 NOW: HAR-756-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.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

837

WELL RECORD

Permit No. H 1019-A

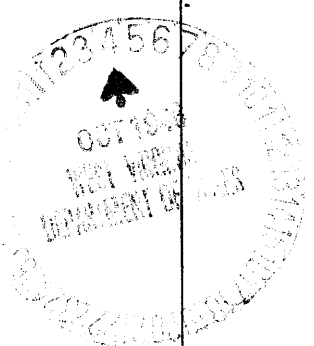
Oil or Gas Well (KIND)

Company Hope Natural Gas Company.
 Address 445 West Main St., Clarksburg, W. Va.
 Farm Luther A. Bond. Acres 126
 Location (waters) _____
 Well No. 6947 Elev. 1158
 District Grant County Harrison
 The surface of tract is owned in fee by _____
 Address _____
 Mineral rights are owned by _____
 Address _____
 Drilling commenced 1924
 Drilling completed 1924
 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 none recorded feet _____ feet
 Salt water none recorded feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	160	160	Size of
8 1/4	847	847	
6 3/4	1306	1306	Depth set
5 3/16			
3			Perf. top
2	2225	2225	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED NOT SIZE _____ No. Ft. _____ Date _____
 COAL WAS ENCOUNTERED AT 65 FEET 60 INCHES
488 FEET 144 INCHES FEET INCHES
 FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand			35	45			
Coal			65	70			
Sand			145	170			
Little Dunkard			300	310			
Big Dunkard			355	373			
Gas sand			470	488			
Coal			488	500			
First Salt			540	562			
Second Salt			823	900			
Third Salt			923	996			
Little Lime			1200	1216			
Pencil cave			1216	1230			
Big Lime			1230	1300			
Big Injun			1300	1410			
Gantz			1635	1710	gas	1640 1703	
Fifty foot			1730				
Thirty foot			1902				
Fourth			2080	2118			
Fifth			2178	2315	gas	2180 2190	
Total depth				2225			



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks

Date October 3, 1946., 19

APPROVED Hope Natural Gas Company., Owner

By General Superintendent.

