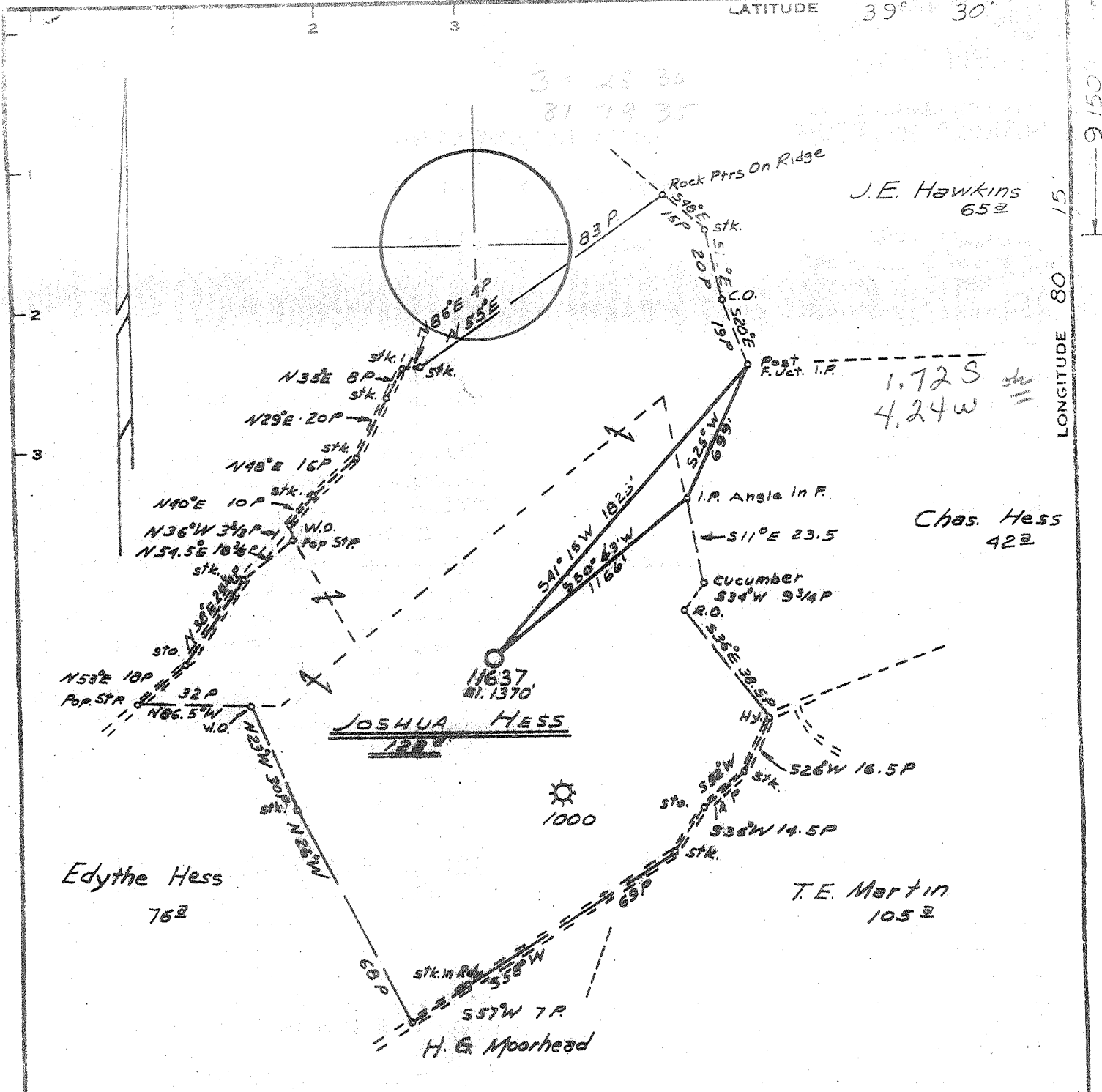


39 28 30
81 19 35



Minimum Error of Closure 1' IN 200'
Source of Elevation B.M. - ROAD FORKS - ELEV. 1205.6'

"I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

- New Location
- Drill Deeper
- Abandonment

MAP SHEET 30 N-2 E-16

F.B. 1636 Pgs 25-27

Company CONSOLIDATED GAS SUPPLY CORP
 Address CLARKSBURG, W.VA.
 Farm JOSHUA HESS
 Tract _____ Acres 128 Lease No. 4981
 Well (Farm) No. _____ Serial No. 11637
 Elevation (Spirit Level) 1370'
 Quadrangle CLARKSBURG NE
 County MARION District LINCOLN
 Engineer Jackson M. Jarman
 Engineer's Registration No. 2397
 File No. _____ Drawing No. _____
 Date 3-6-73 Scale 1" = 660'

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

WELL LOCATION MAP
 FILE NO. 77-308

+ 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.

47-049



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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL & GAS DIVISION
DEPT. OF MINES

39-30
3-21
②

Oil and Gas Division
WELL RECORD

Quadrangle CLARKSBURG

Permit No. MAR-308

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

Company Consolidated Gas Supply Corporation
Address Clarksburg, W. Va.
Farm Joshua Hess Acres 128
Location (waters) Little Bingamon Creek
Well No. 11637 Elev. 1370'
District Lincoln County Marion
The surface of tract is owned in fee by _____

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20- xxx	20'	20'	To surface
Cond. 13- 10 " Jacket	601	618	Cemented
9 5/8			
8 5/8	1918	1918	120 bags
7			
5 1/2			
4 1/2	1211	1211	17 1/2 bags
3			
2			
Liners Used			

Address _____
Mineral rights are owned by _____
Address _____

Drilling Commenced 9-1-73
Drilling Completed 9-14-73
Initial open flow Show cu. ft. _____ bbls.
Final production 111 M cu. ft. per day _____ bbls.
Well open 72 hrs. before test 1372# RP.

Well treatment details:

Attach copy of cementing record.

Well treated in Balltown with 62,000# sand, 1100 bbl water

Perforations: 1073-1078' & 3879'-3885'

Coal was encountered at Open Mine 518-625' Feet _____ Inches _____
Fresh water None Feet _____ Salt Water None Feet _____
Producing Sand Balltown Depth 1073-3885'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand & Shale			0	618		
Open Mine			618	625		See Jacket above
Sand & Shale			625	1850		
Little Lime			1850	1900		
Big Lime			1900	2020		
Sand & Shale			2020	3010		
5th sand			3010	3980		
<u>Balltown</u>			3980	1005	Gas	<u>3879-1073'</u>
Sand & Shale			1005	5075		
<u>Benson</u>			5075	5090	No gas	in Benson
Total Depth				5198'		
Cemented back to				1275'		Present T.D.
Ran 1211' of 4 1/2" casing & cemented with 17 1/2 bags						
Consolidated Gas Supply Corporation 115 West Maia Street Clarksburg, W. Va.						

All measurements K.B. 11' above G.L.

(over)

* Indicates Electric Log tops in the remarks section.

5198
-3125 (Rayard)
Approx. 2073 Expl. ft.

NOV 27 1973



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

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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 August 31, 1973

Surface Owner Jeanette McHenry

Company Consolidated Gas Supply Corp.

Address RFD, Worthington, W. Va.

Address 445 W. Main St., Clarksburg, W. Va.

Mineral Owner Evelyn P. Hess, Agent

Farm Joshua Hess Acres 128

Address Charminel Towers Apt. Hotel

Location (waters) Little Binghamon Cr.

712 E. State St., Columbus, Ohio

Well No. 11637 Elevation 1370'

Coal Owner Consolidation Coal Co.

District Lincoln County Marion

Address Fairmont, W. Va.

Quadrangle ~~Marion~~ Clarksburg

Coal Operator Mined out

Address _____

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 drilling. This permit shall expire if operations have not commenced by 12-31-73.

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

Robert L. Ford
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 April 27 1901 by Amanda M. Hess, etal made to SPO Company and recorded on the 2nd day of Nov. 1901, in Marion County, Book 111 Page 131

NEW WELL _____ DRILL DEEPER _____ 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. Payne Mgrs of Prod.
Well Operator

Address of Well Operator 445 West Main Street Street
Clarksburg City or Town
West Virginia 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

Mar-308
47-049 PERMIT NUMBER

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

PROPOSED WORK ORDER TO DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:
 NAME S. W. Jack Drilling Company NAME R. E. Bayne
 ADDRESS Box 754, Indiana, Pa. 15701 ADDRESS P. O. Box 2450, Clarksburg, W. Va.
 TELEPHONE _____ TELEPHONE 623-3611
 ESTIMATED DEPTH OF COMPLETED WELL: 5500' ROTARY CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Benson
 TYPE OF WELL: OIL _____ GAS COMB. _____ STORAGE _____ 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	20'	20'	Cement to Surface
13 - 10	60'	60' (Jacket thru open mine)	
9 - 5/8			
8 - 5/8	800'	800'	Cement to Surface
7			
5 1/2			
4 1/2	5500'	5500'	150 sks.
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 100 FEET SALT WATER --- FEET
 APPROXIMATE COAL DEPTHS 625 (open mine)
 IS COAL BEING MINED IN THE AREA? No - abd. mine 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