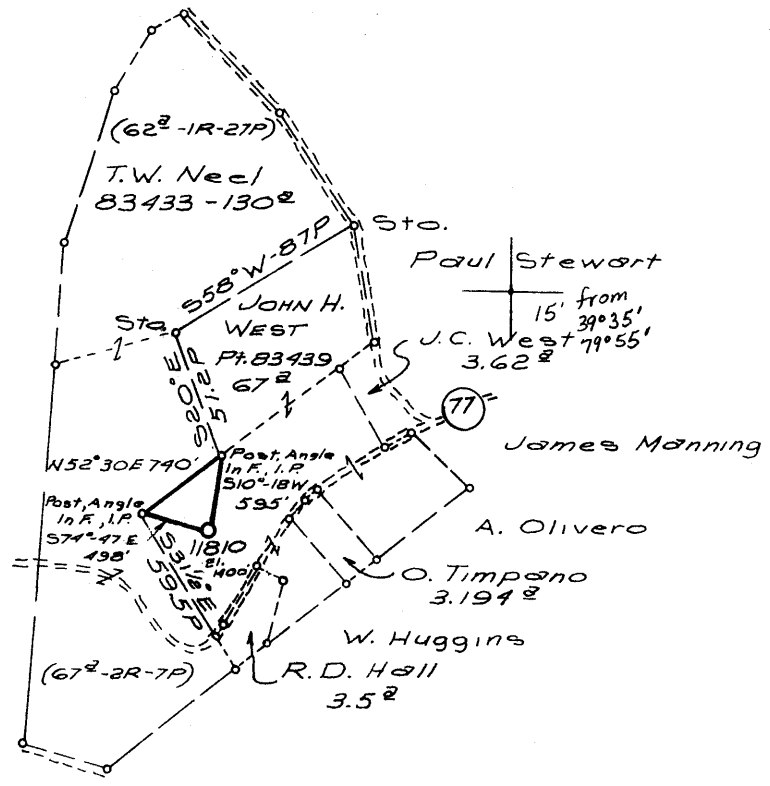


2050'
 39° 35' 15'
 39° 32' 30" 7/2
 15' from
 39° 32' 30"
 79° 51' 30"
 7 1/2'

LATITUDE

LONGITUDE 79° 57' 30" 7 1/2'
 79° 55'



FROM Loc. 11810 TO:
 HOUSE - S47°48E 424' EL. 1387'
 TRAILER - S32°40E 451' EL. 1366'
 HOUSE - N62°48E 322' EL. 1400'
 WELL - N60°42E 306' EL. 1404'
 HOUSE - N78°32E 641' EL. 1416'

Minimum Error of Closure 1' IN 200'
 Source of Elevation B.M. - ROAD FORKS MORGANTOWN SOUTH
 7 1/2' TOPO - ELEV. 1415'
 "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

issued 11/15/74
 MAP SHEET 932 F-2

UNIT
 POOLED AREA 1972

F.B. 1699 Pg. 35-38

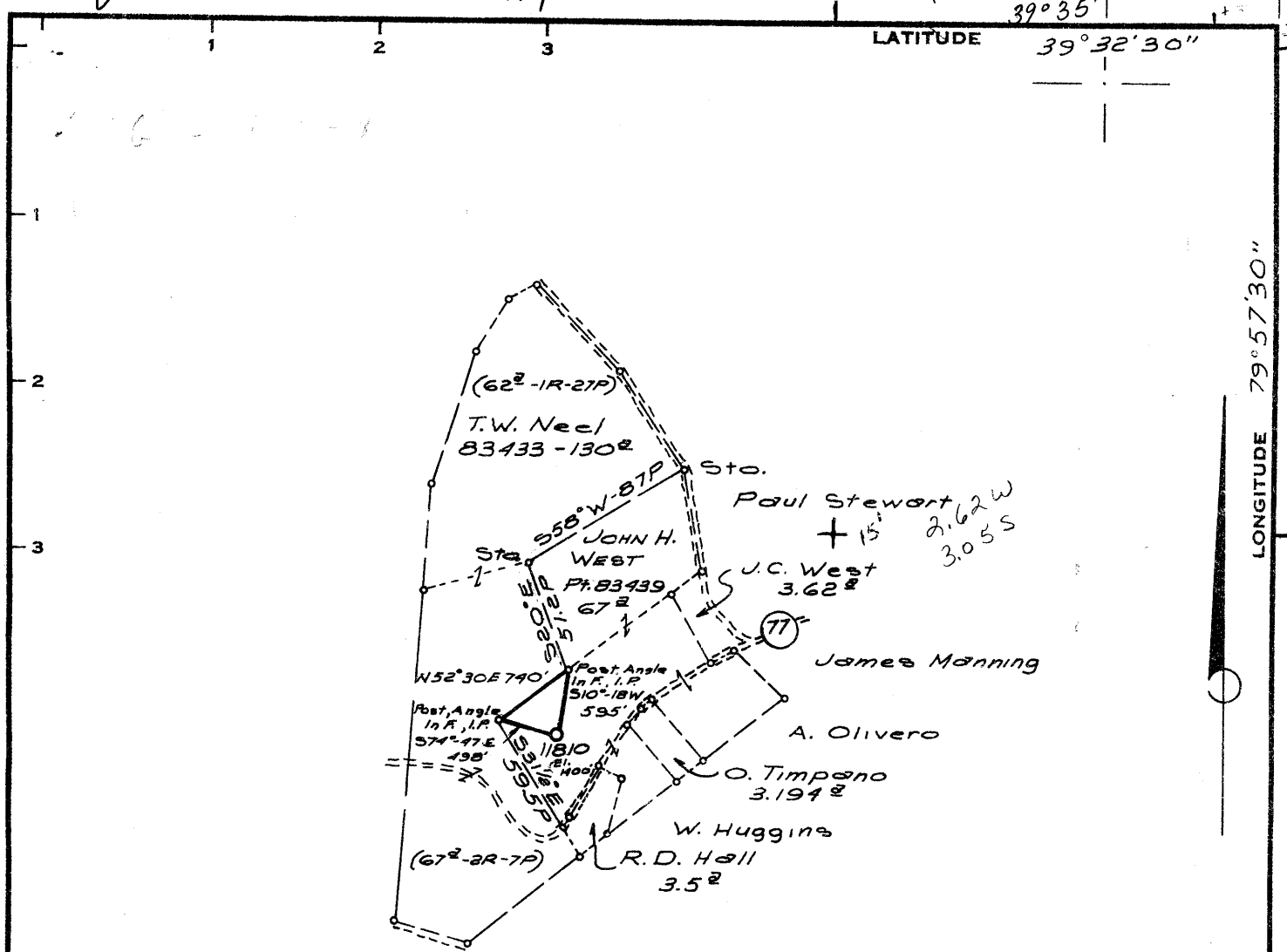
Company CONSOLIDATED GAS SUPPLY CORP.
 Address CLARKSBURG, W. VA.
 Farm JOHN H. WEST
 Tract _____ Acres 67 Lease No. 83439
 Well (Farm) No. _____ Serial No. 11810
 Elevation (Spirit Level) 1400' SW
 Quadrangle MORGANTOWN SOUTH
 County MONONGALIA District CLINTON
 Engineer Jackson M. Jarvis
 Engineer's Registration No. 2397
 File No. _____ Drawing No. _____
 Date 9-19-74 Scale 1" = 1320'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
 WELL LOCATION MAP
 FILE NO. Mon-339-P

+ Denotes location of well on United States Topographic Maps, scale 1 to 24,000, latitude and longitude lines being represented by border lines as shown.
 - Denotes one inch spaces on border line of original tracing.

47-061 DEC 5 1974

2.61
1.40
79.55



FROM LOC. 11810 TO:

- HOUSE - S47°48E 424' EL. 1387'
- TRAILER - S32°40E 451' EL. 1366'
- HOUSE - N62°48E 322' EL. 1400'
- WELL - N60°42E 306' EL. 1404'
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Minimum Error of Closure 1' IN 200'

Source of Elevation B.M. - ROAD FORKS MORGANTOWN SOUTH
7/2' TOPO - ELEV. 1415'

"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

UNIT
POOLED AREA 197²

MAP SHEET 932 F-2

F.B. 1699 Pg. 35-38

Company CONSOLIDATED GAS SUPPLY CORP.
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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON

WELL LOCATION MAP
FILE NO. Mon-339

+ Denotes location of well on United States Topographic Maps, scale 1 to 24,000, latitude and longitude lines being represented by border lines as shown.

— Denotes one inch spaces on border line of original tracing.

47-061



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division

WELL RECORD 12

Quadrangle Morgantown

Permit No. Mon-339

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

Company Consolidated Gas Supply
Address Clarksburg, W. Va.
Farm John H. West Acres 67
Location (waters) Owl Creek
Well No. 11810 Elev. 1400
District Clinton County Monongalia
The surface of tract is owned in fee by _____
John H. West
Address Morgantown, W. Va.
Mineral rights are owned by T. W. Neel
Address Morgantown
Drilling Commenced 10-8-74
Drilling Completed 10-15-74
Initial open flow _____ cu. ft. _____ bbls.
Final production Dry cu. ft. per day _____ bbls.
Well open _____ hrs. before test _____ RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 1000' <u>11 3/4'</u>	20'	20'	To Surface
9 5/8			
8 5/8	1074'	1074'	285 SKS
7			
5 1/2			
4 1/2	2645'	2645'	155 SKS
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Frac. with 789 bbl. water, 37,000# sand, 600 gal acid.
Perforations: 2331-39, 8 holes. 2412-17, 5 holes, 2443-46, 3 holes, 2453-55, 2 holes. Fourth Fifth →

Coal was encountered at 550 Feet 24 Inches
Fresh water None Feet _____ Salt Water _____ Feet _____
Producing Sand Dry & abandoned Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Clay			0	2		
Shale			2	40		
Sand			40	75		
Shale			75	275		
Sand			275	310		
Shale			310	400		
Sand			400	450		
Shale			450	487		
Sand			487	550		
Coal			550	552		
Shale			552	605		
Sand			605	640		
Shale			640	700		
Sand			700	725		
Shale			725	745		
Sand			745	860		
Shale			860	930		
Sand			930	985		
Shale			985	1005		
Sand			1005	1025		
Red Rock & Shale			1025	1030		
Little Lime			1030	1050		
Shale			1050	1080		
Big Lime			1080	1185		

(over)

* Indicates Electric Log tops in the remarks section.

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Big Injun			1185	1335		
Shale			1335	1345		
Sand			1345	1400		
Berea			1400	1455		
Shale			1455	1495		
Sand			1495	1520		
Shale			1520	1730		
50'			1730	1785		
Shale			1785	1830		
Sand			1830	1875		
Shale			1875	1910		
Gordon			1910	1950		
Shale			1950	2110		
4th Sand			2110	2145		
Shale			2145	2205		
5th Sand			2205	2240		
Sandy Shale			2240	2250		
Sand			2250	2365		
Shale			2365	3000		
Speechley			3000	3055		
Shale			3055	3335		
Sandy Shale			3335	3560		
Sand			3560	3580		
Shale			3580	4760		
Total Depth				4760 K.B.		below Benson

Log tops:

Injun 1291-1396
50 1816-1920
Gordon 1988-2184
4H 2213
5H 2364-2457
Speechley 2956-77
3032-85
Ballt 3187-3491
Brad 3523-3646
Benson 4324-4333

K.B. Measurement 11' above G.L.

Date November 18, 1974

APPROVED Consolidated Gas Supply Corp., Owner

By *J. E. Payne* (Signature) Manager of Prod.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

SEP 2 1974

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

DATE September 26, 1974

Surface Owner John H. West

Company Consolidated Gas Supply Corporation

Address Rt. #5 Box 128, Morgantown, W. Va.

Address Clarksburg, W. Va.

Mineral Owner T. W. Neal

Farm John H. West Acres 67

Address Rt. 5 box 25h, Morgantown, W. Va.

Location (waters) Owl Creek

Coal Owner Consolidation Coal Co.

Well No. 11810 Elevation 1100'

Address Box 1632, Fairmont, W. Va.

District Clinton County Monongalia

Coal Operator None

Quadrangle MORGANTOWN

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 2-3-74

INSPECTOR TO BE NOTIFIED Paul Garrett
Clarksburg PH: 682-3871
W.Va.

Deputy Director
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 9-18-72 19 by J. H. West made to Consolidated Gas Supply and recorded on the 19th day of October 19 72 in Monongalia County, Book 728 Page 110

XX 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 Same day before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:

West Virginia Geological and Economic Survey
P. O. Box 879
Morgantown, W. Va. 26505
AC 304-296-4461

Very truly yours,
(Sign Name) W. H. Payne Manager of Prod.
Well Operator

Address
of
Well Operator

Consolidated Gas Supply Corporation
Street
115 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

Mon-339 PERMIT NUMBER

47-061

Survey

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

PROPOSED WORK ORDER TO XXX DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:
 NAME S. W. Jack Drilling Co. NAME E. E. Bayne
 ADDRESS Indiana, Pa. ADDRESS Bridgeport, W. Va.
 TELEPHONE - - TELEPHONE 623-3611
 ESTIMATED DEPTH OF COMPLETED WELL: 5000' ROTARY XX CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Benson
 TYPE OF WELL: OIL _____ GAS ccc 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.
XX 16"	20'	20'	To surface
XX 11"	<u>40</u> 300'	<u>40</u> 300'	To surface
9 - 5/8			
8 - 5/8	<u>800</u> 1150'	<u>800</u> 1150'	85 Bags <u>CTS</u>
7			
5 1/2			
4 1/2	5000'	5000'	150 bags
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 135' FEET _____ SALT WATER None FEET _____
 APPROXIMATE COAL DEPTHS Unknown
 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