

Latitude

Longitude

2.14s
1.99w

Topo Location

7.5' Loc. _____ 15' Loc. _____
 _____ (calc.) _____

Company Consol Gas Supply, Corp

Farm J W Norais # 11534

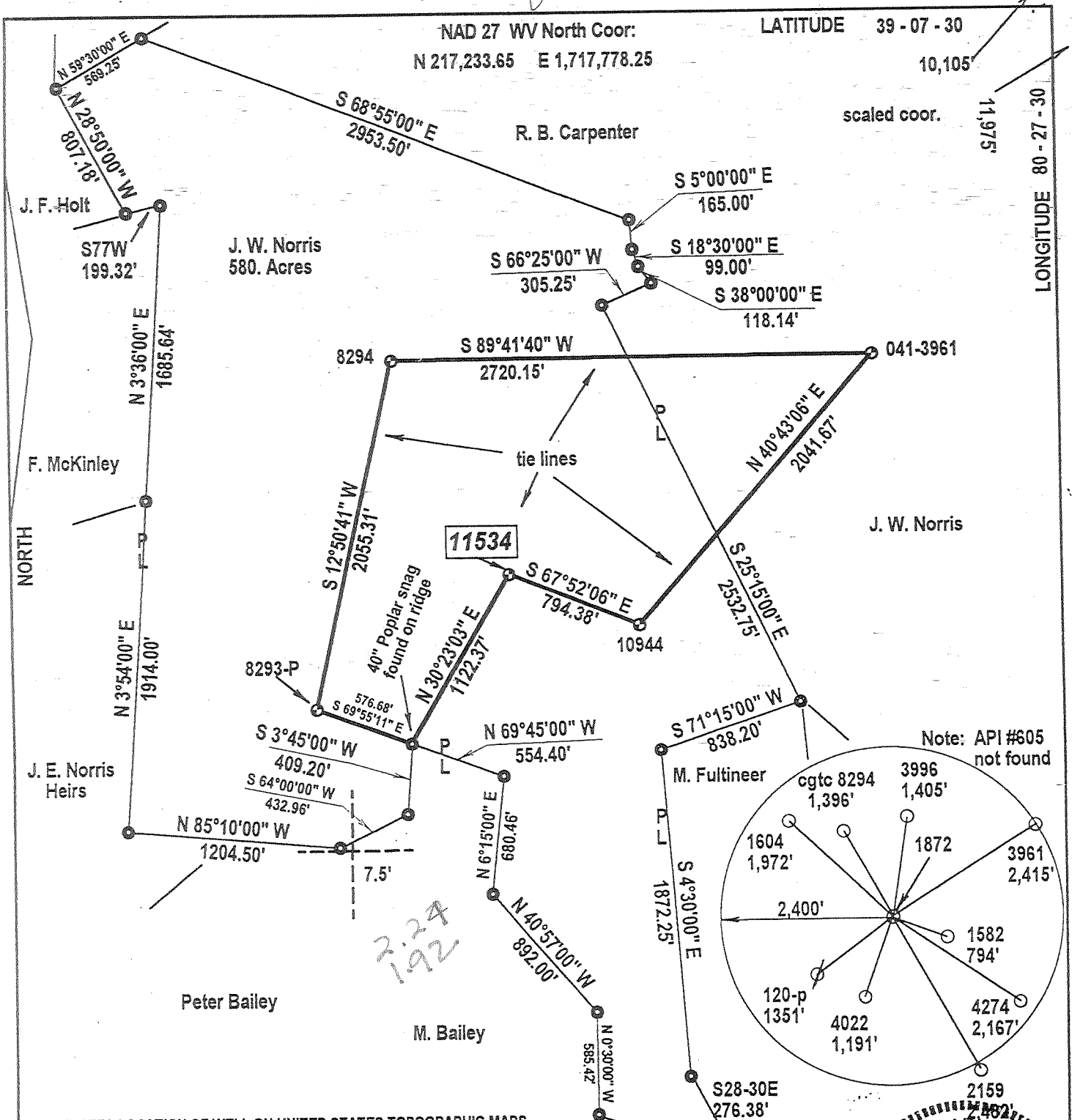
15' Quad _____
(sec.)

7.5' Quad Weston

District Hackers Creek

WELL LOCATION PLAT

County 041 Permit 1872

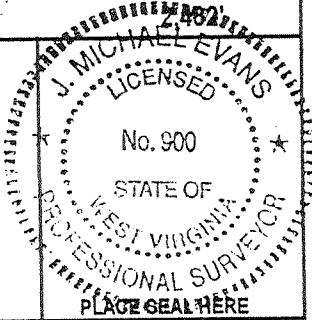


(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NUMBER: _____
 DRAWING NUMBER: _____
 SCALE: 1" = 800'
 MINIMUM DEGREE OF ACCURACY: 1 in 2500
 PROVEN SOURCE OF ELEVATION: GPS Survey

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.

(SIGNED) *J. Michael Evans*
 J. Michael Evans, PS 900



STATE OF WEST VIRGINIA
 DIVISION OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL AND GAS
 #10 McJUNKIN ROAD
 NITRO, WV 26143-2606
 FORM WW-6

LAND SURVEYING SERVICES
 21 CEDAR LANE, BRIDGEPORT, WV 26330
 PHONE: 304-842-2018 OR 842-5762

DATE: May 19, 2000

OPERATORS WELL NO.: 11534
 API WELL NO. _____

WELL TYPE: OIL ___ GAS ___ LIQUID INJECTION WASTE DISPOSAL ___
 (IF "GAS") PRODUCTION STORAGE ___ DEEP ___ SHALLOW

47 — 041 — 1872 F
 STATE COUNTY PERMIT

LOCATION: ELEVATION 1402' WATERSHED Freemans Creek
 DISTRICT Freemans Creek COUNTY Lewis
 QUADRANGLE Weston 7.5' LEASE NUMBER 53169

SURFACE OWNER James R. & Mary Lou Myers ACREAGE 95
 OIL & GAS ROYALTY OWNER J. W. Norris LEASE ACREAGE 580

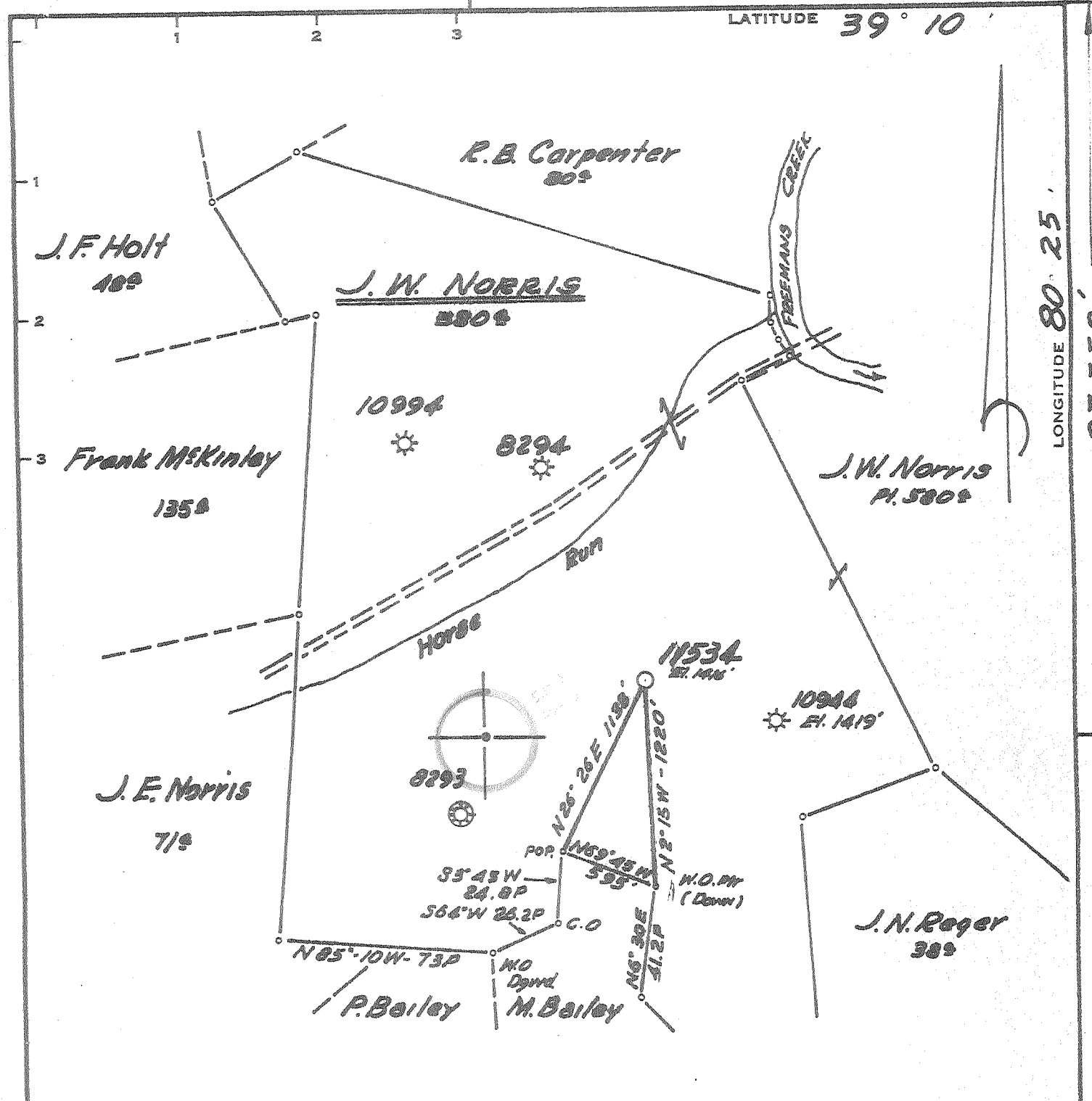
PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___
 PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE (SPECIFY) REWORK

TARGET FORMATION _____ PLUG & ABANDON ___ CLEAN OUT & REPLUG ___
 ESTIMATED DEPTH AUG 21 2000

WELL OPERATOR CNG Transmission Corp. DESIGNATED AGENT James D. Blasingame
 ADDRESS 445 West Main St., Clarksburg, WV 26301 ADDRESS 445 West Main St., Clarksburg, WV 26301

COUNTY NAME LEW PERMIT 1872 F

6-6 150



Minimum Error of Closure 1' IN 200'
 Source of Elevation LEVELS FROM CONSOLIDATED GAS SUPPLY CORP. WELL 10944 EN 1419'
 "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."

Partial Drugging -> issued 4/30/79
 New Location
 Drill Deeper
 Abandonment

MAP SHEET 57 525 E6 FB 1631 PG 1-2

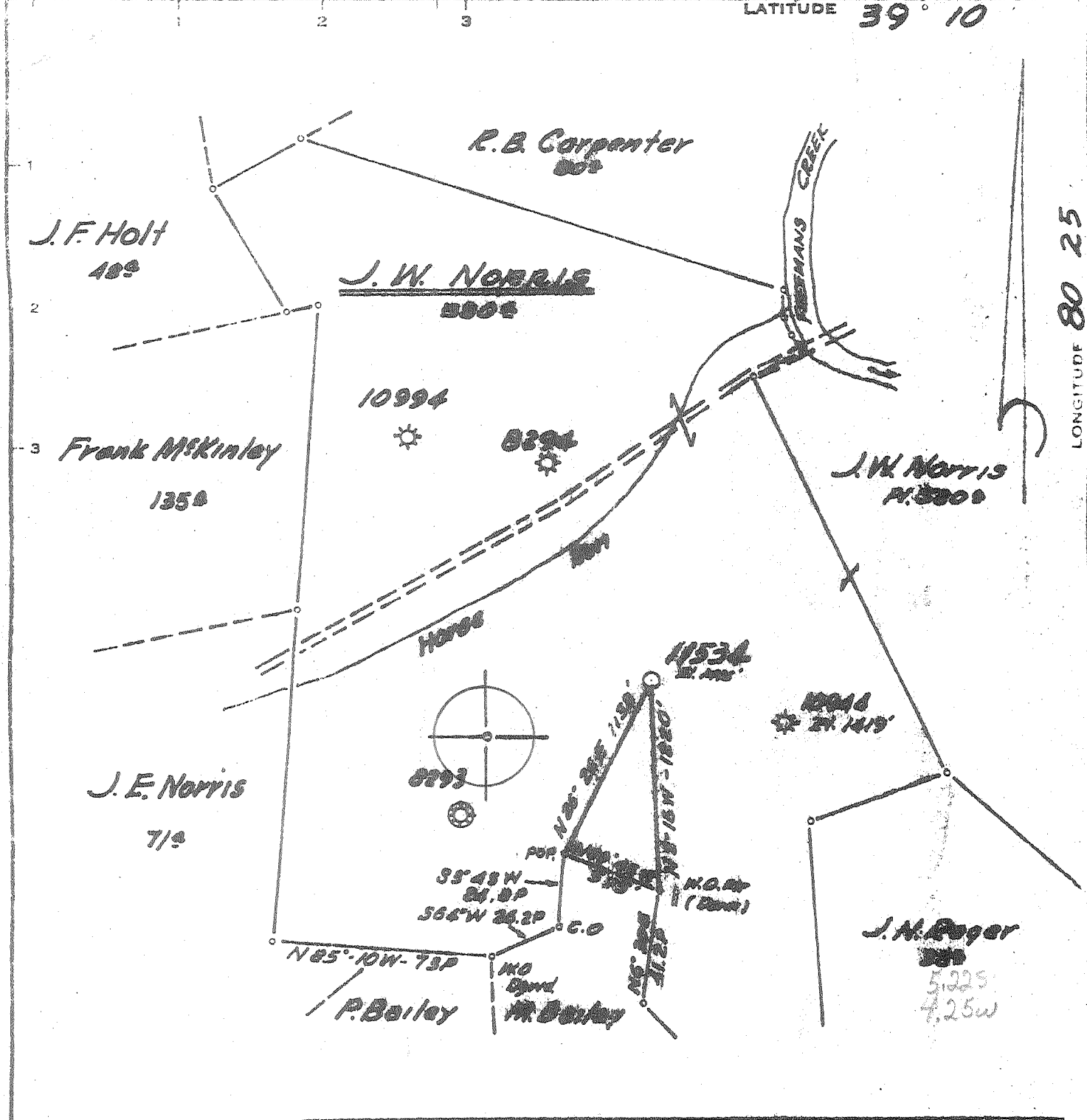
Company CONSOLIDATED GAS SUPPLY CORP.
 Address CLARKSBURG, W.VA.
 Farm J. W. NORRIS
 Tract _____ Acres 580 Lease No. 53169
 Well (Farm) No. _____ Serial No. 11534
 Elevation (Spirit Level) 1415'
 Quadrangle WESTON, W.VA. WC.
 County LEWIS District FREEMAN'S CR.
 Engineer Jackson M. Jarvis
 Engineer's Registration No. 2397
 File No. _____ Drawing No. _____
 Date 9-13-72 Scale 1" = 50 FEET

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

WELL LOCATION MAP
 FILE NO. Lew-1872-PP

+ 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.

DEEP WELL



Minimum Error of Closure 1' IN 200'
 Source of Elevation LEWIS CONSOLIDATED GAS SUPPLY CO. WELL 10044 EA 100'
 "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 51 522 E6 R4 W1A2 1-2

Company CONSOLIDATED GAS SUPPLY CO.
 Address CLARKSBURG, W.VA.
 Farm J. W. NORRIS
 Tract Acres 500 Lease No. 53169
 Well (Farm) No. _____ Serial No. 11534
 Elevation (Spirit Level) 1416'
 Quadrangle WESTON, W.VA. (W.C.)
 County LEWIS District FREEMANS CR.
 Engineer Jackson M. Jordan
 Engineer's Registration No. 2397
 File No. _____ Drawing No. _____
 Date 9-13-72 Scale 1" = 50 FEET

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
 FILE NO. Lew-1872

+ 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.



RECEIVED

JUN 18 1973

OIL & GAS DIVISION
DEPT. OF MINES

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

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

Quadrangle WESTON
Permit No. LEW-1872

Company Consolidated Gas Supply Corporation
Address Clarksburg, W. Va.
Farm J. W. Norris Acres 580
Location (waters) Horse Run
Well No. 11531 Elev. 1116'
District Freemans Creek County Lewis
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling Commenced 10-16-72
Drilling Completed 11-13-72
Initial open flow XXXX Show cu. ft. _____ bbls.
Final production 13 1/2 M 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. 13- XXX	22'	22'	To surface
9 5/8	1821'	1821'	To surface
8 5/8			
7			
5 1/2	7393'	7393'	240 bags
4 1/2			
3			
2			
Liners Used			

Well treatment details: Attach copy of cementing record.
Frac ORISKANY with 800bbl water, 1000 gal 20% acid & 50,000# sand - Perf. 7211-7286'
Frac Chert with 1000 bbl water 1000 gal. 20% acid & 50,000# sand - Perf. 6995-7085'

(Will abandon lower hole & frac Balltown)

Perforated Balltown @ 3320' to 3387' With 17 holes - Will frac later

Coal was encountered at None Feet _____ Inches _____
Fresh water 38' Feet _____ Salt Water in Oriskany Feet _____
Producing Sand Will frac Balltown Depth 3320-3387'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand & Shale			0	1556'	Water	38' Fresh
Big Lime			1556	1641		
Big Injun			1641	1728		
Gantz			1809	1916		
Gordon			2250	2309		
5th Sand			2410	2443		
Bayard			2474	2512		
Speechley			3114	3129		
Balltown			3317	3392	Gas	3320-87'
Benson			4392	4421		
Tully			6727	6772	Gas	Show
Onondaga			6950	6981		
Chert			6981	7213		
<u>ORISKANY</u>			7213	7301	Gas	Oriskany Show
Total Depth				7425'		
Will abandon lower hole & frac Balltown						
Consolidated Gas Supply Corp. 445 West Main Street Clarksburg, W. Va.						

(over)

* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

SEP 20 1972

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 September 19, 1972

Surface Owner J. B. Myers
Address Route #1, Box 304, Weston, W. Va.

Company Consolidated Gas Supply Corporation
Address Clarksburg, W. Va.

Mineral Owner James F. Davis, Agt.
Address Route #1, Weston, W. Va.

Farm J. W. Norris Acres 580

Coal Owner Same
Address _____

Location (waters) Horse Run of Freeman Cr.

Coal Operator None
Address _____

Well No. 11534 Elevation 1416'

District Freemans Creek, County Lewis,

Quadrangle WESTON

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 1-20-73

INSPECTOR TO BE NOTIFIED Paul Thomas
Ruckhannon, W. Va. PH: 472-6418

Robert K. ...
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 8-6-1900 19 by John W. Norris made to South Penn Oil Co. and recorded on the 10th day of December 1900, in Lewis County, Book 42 Page 119

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 _____ 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) W. D. Payne Manager of Prod.
Well Operator

Address
of
Well Operator

Consolidated Gas Supply Corporation
Street
145 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.

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

PROPOSED WORK ORDER TO xx DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME Bertner, Morgan, Stephens NAME R. E. Bayne
 ADDRESS Box 428, Wooster, Ohio ADDRESS Bridgeport, W. Va.
 TELEPHONE - - TELEPHONE 623-3611
 ESTIMATED DEPTH OF COMPLETED WELL: 7500' ROTARY xx CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Criskany
 TYPE OF WELL: OIL _____ GAS xx 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			
13 - 10	20'	20'	To surface
9 - 5/8	1200'	1200'	To surface
8 - 5/8			
7			
5 1/2	7500'	7500'	7500' to 6500'
4 1/2			
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 75' FEET _____ SALT WATER None 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

COMPANY/WELL NO.: CNGT WEVV11534

08/31/2000 PERFERD AND FRACED AS FOLLOWS:

09/26/2000 BAYARD, 2496 - 2504', 16 HOLES, B.D. 865#, AVG RATE 22 BPM, AVG PRESS
1400#, 409 BBLs, TOT SAND 23,800#, ISIP 1060#
5TH SAND, 2420 - 2430', 20 HOLES, B.D. 1517#, AVG RATE 22 BPM, AVG PRESS
1432#, 316 BBLs, TOT SAND 15,350#, ISIP 1000#
GORDON, 2136 - 2169', 16 HOLES, B.D. 2035#, AVG RATE 17 BPM, AVG PRESS
1964#, 386 BBLs, TOT SAND 21,000#, ISIP 1490#

09/01/00 WIH WITH OVERSHOT TO GET PLUG OUT AT 1907'. HOOKED UP MUD PUMP TO
WASH SAND OFF TOP OF PLUG. GOT FIRST PLUG OUT OF HOLE. SI FOR WKEND.

09/05/00 TIH WITH 2" 8R TUBING AND FISHING TOOL TO GET OUT SECOND RETRIEVABLE
PLUG AT 2440'. GOT PLUG OUT OF HOLE AND CLEANED SAND OUT OF WELL
TO SOLID PLUG AT 2620'

09/08/2000	SWABBED WELL. MAKING 500' PER HALF HOUR. O.F. = 133 MCF.
09/14/2000	DRILLED OUT BRIDGE PLUG.
09/09/2000	T.I.L.

FINAL REPORT