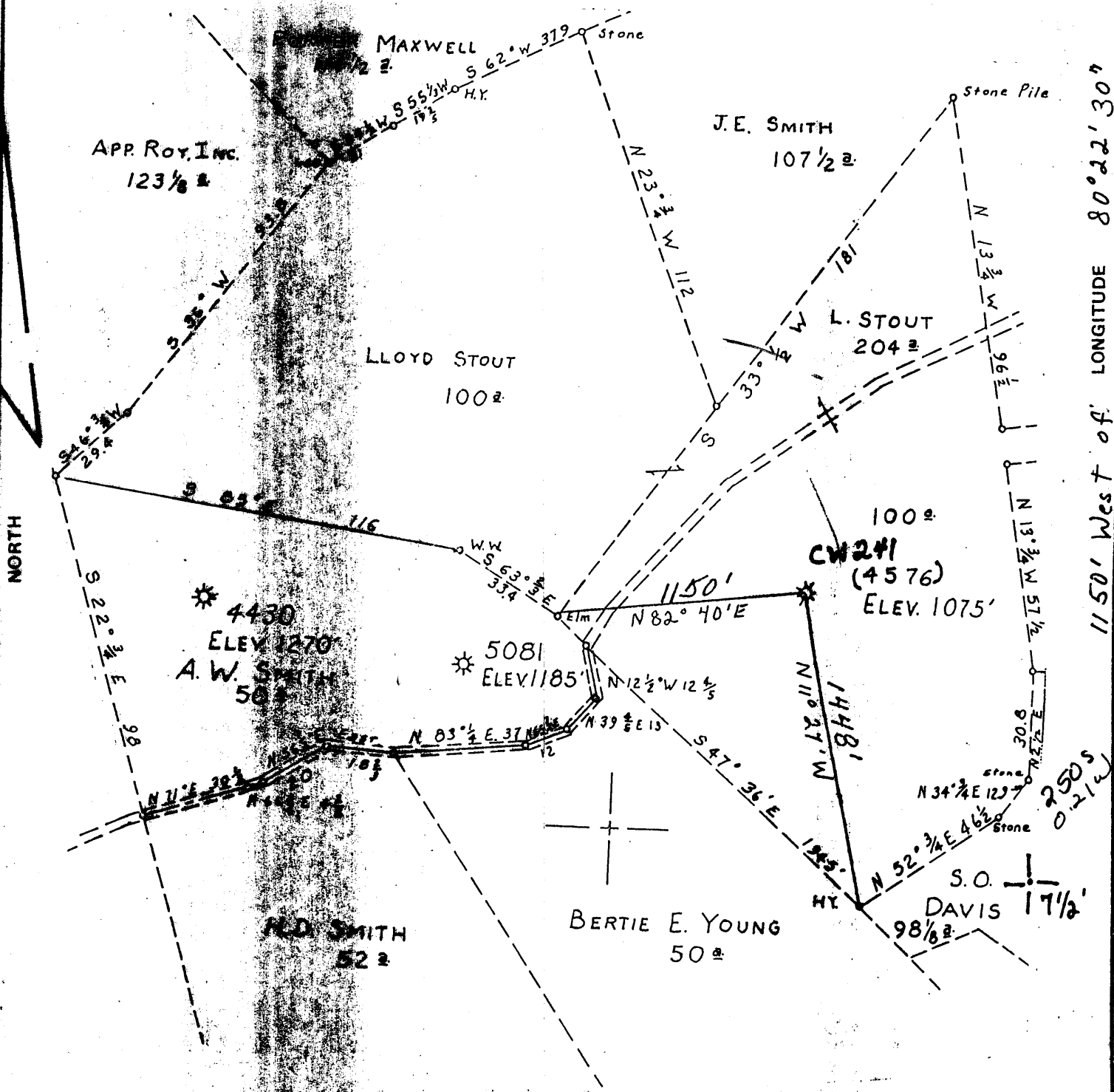


14,100' South of LATITUDE 39°12'30"



1150' West of LONGITUDE 80°22'30"

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 40 P
 MINIMUM DEGREE OF ACCURACY 1" in 200'
 PROVEN SOURCE OF ELEVATION Road Fork at Right, Elev 1049 (3055)

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 MINES
 (SIGNED) [Signature]
 R.P.E. 900 L.L.S. _____

PLACE SEAL HERE

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

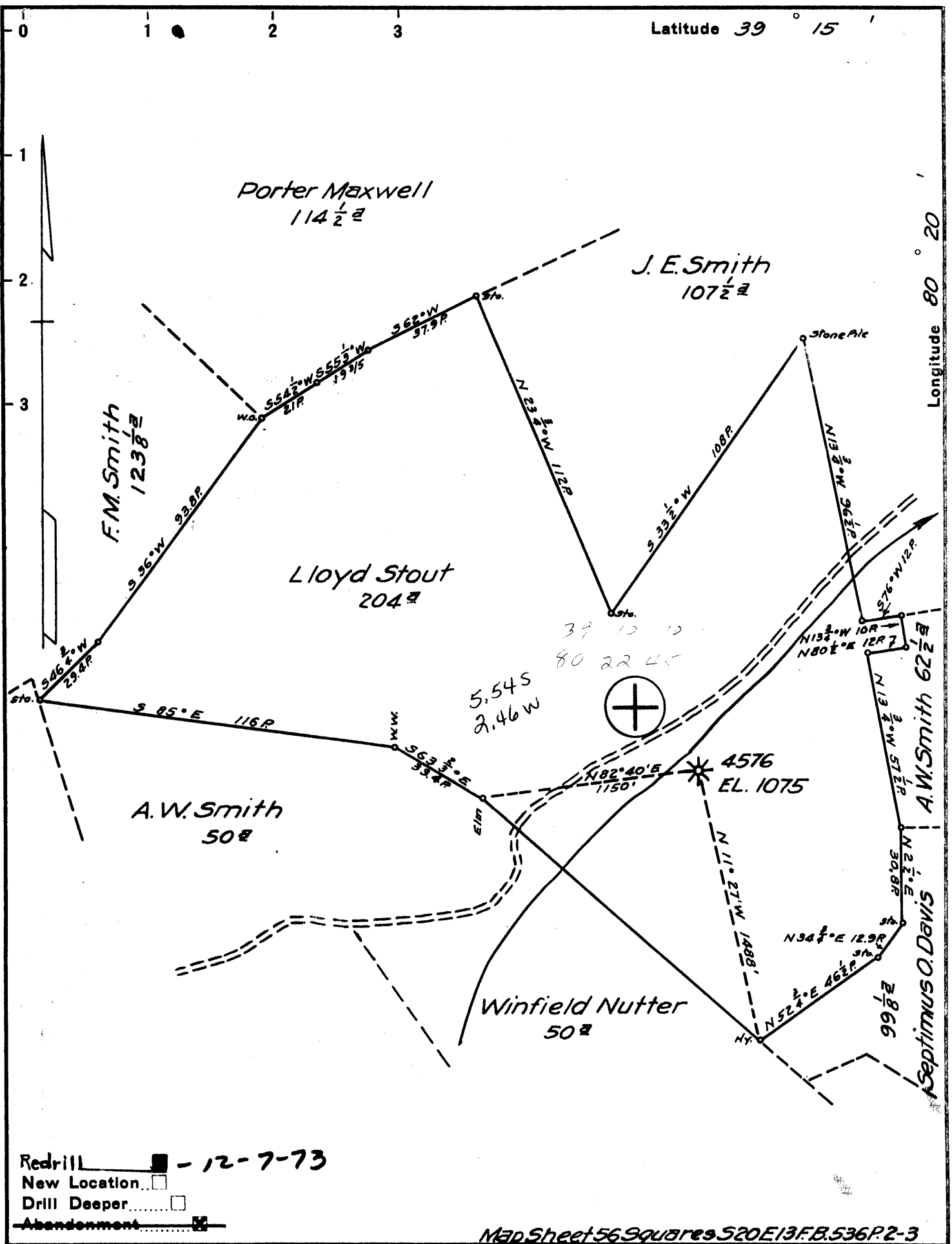


DATE February 25, 1997
 OPERATOR'S WELL NO. CW241
 API WELL NO. (4576)
47 - 033 - 00768 - X
 STATE COUNTY PERMIT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WELL TYPE: OIL ___ GAS ___ LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS") PRODUCTION ___ STORAGE DEEP ___ SHALLOW ___
 LOCATION: ELEV. _____ WATER SHED Branch of Lost Creek
 DISTRICT _____ COUNTY Harrison
 QUADRANGLE West Milford 7 1/2' (Weston 15')
 SURFACE OWNER Peterson Bros. ACREAGE _____
 OIL & GAS ROYALTY OWNER Lewis M. Stout LEASE ACREAGE 204
 LEASE NO. _____
 PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION _____ ESTIMATED DEPTH _____
 WELL OPERATOR CNGT DESIGNATED AGENT JAMES D. Blasingsame
 ADDRESS 445 W. Main Street ADDRESS 445 W. Main Street
Clarksburg WV 26301 Clarksburg, WV 26301

MAR 14 1997



Redrill - 12-7-73
 New Location
 Drill Deeper
 Abandonment

Map Sheet 56 Squares S20E13FB.536P.2-3

Company CONSOL. GAS SUPPLY CORP.
~~Hope Natural Gas Co.~~
 Address Clarksburg, W. Va.
 Farm Lloyd Stout
 Tract _____ Acres 204 Lease No. 17323
 Well (Farm) No. _____ Serial No. (4576)
 Elevation (Spirit Level) 1075
 Quadrangle Weston NC
 County Harrison District Grant
 Engineer W.M. Brewer
 Engineer's Registration No. 900
 File No. _____ Drawing No. _____
 Date Jan. 9, 1946 Scale 1"=40P

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

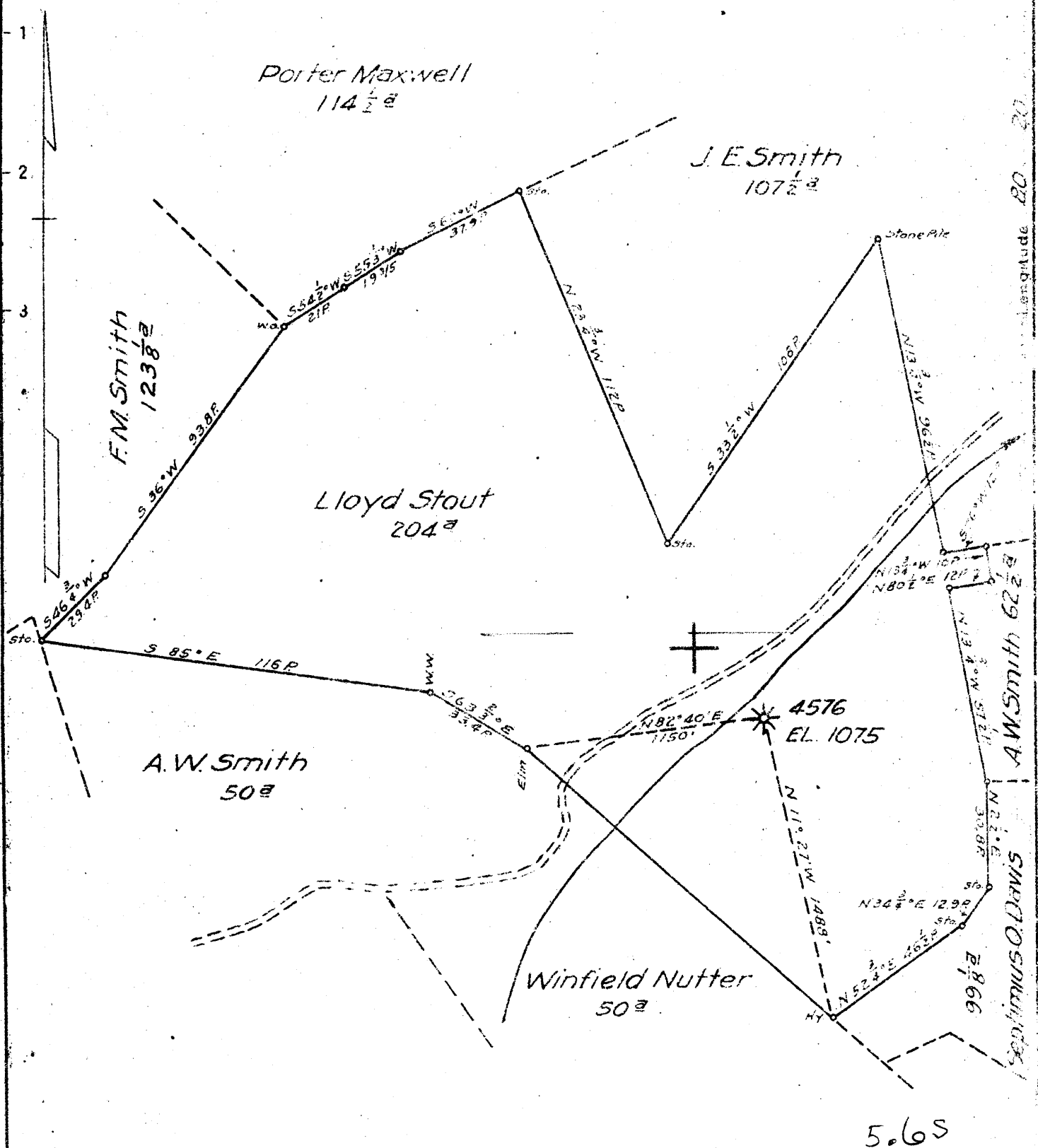
WELL LOCATION MAP
 FILE NO. HAR 934A

TRANSFERRED TO: HAR-768-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.

47 033



New Location
 Drill Deeper.
 Abandonment **X**

5.6 S
 2.47 W

Map Sheet 56 Squares S20E13FB.536R2-3

Company Hope Natural Gas Co.
 Address Clarksburg, W Va.
 Farm Lloyd Stout
 Tract _____ Acres 204 Lease No. 17323
 Well (Farm) No. _____ Serial No. 4576.
 Elevation (Spirit Level) 1075
 Quadrangle Weston
 County Harrison District Grant
 Engineer W.M. Bowers
 Engineer's Registration No. 900
 File No. _____ Drawing No. _____
 Date Jan. 9, 1946 Scale 1"=40P

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

WELL LOCATION MAP

FILE NO. HAR-931-A

NOW: HAR-768-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.

WR-35 RECEIVED
WV Division of
Environmental Protection

07-Mar-97
API # 47- 33-00768 X

MAR 24 1997

State of West Virginia
Division of Environmental Protection
Section of Oil and Gas

Permitting
Office of Oil & Gas

Well Operator's Report of Well Work Revised

Farm name: PETITTO BROTHERS Operator Well No.: CW-241

LOCATION: Elevation: 1,270.00 Quadrangle: WEST MILFORD

District: GRANT County: HARRISON
Latitude: 14100 Feet South of 39 Deg. 12Min. 30 Sec.
Longitude 1150 Feet West of 80 Deg. 22 Min. 30 Sec.

Company: CNG TRANSMISSION CORP.
445 W. MAIN ST., P.O. BOX 2450
CLARKSBURG, WV 26302-2450

Agent: JAMES D. BLASINGAME

Inspector: TIM BENNETT
Permit Issued: 03/10/97
Well work Commenced: 03/10/97
Well work Completed: 03/15/97
Verbal Plugging
Permission granted on: _____
Rotary Cable Rig
Total Depth (feet) 2080'
Fresh water depths (ft) -
Salt water depths (ft) -

Is coal being mined in area (Y/N)? No
Coal Depths (ft): _____

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
2 3/8"		1713.37'	On pkr.

OPEN FLOW DATA See Back of Page

Producing formation No Test Pay zone depth (ft) _____
 Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
 Final open flow _____ MCF/d Final open flow _____ Bbl/d
 Time of open flow between initial and final tests _____ Hours
 Static rock Pressure _____ psig (surface pressure) after _____ Hours

Second producing formation _____ Pay zone depth (ft) _____
 Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
 Final open flow _____ MCF/d Final open flow _____ Bbl/d
 Time of open flow between initial and final tests _____ Hours
 Static rock Pressure _____ psig (surface pressure) after _____ Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: CNG TRANSMISSION CORP.

By: [Signature]
Date: 3/19/97

MAR 31 1997

Well converted from disposal to observation well in Lost Creek Storage.

Pulled 1735' of 2 3/8" tubing and packer set in 1990.

Ran 1713.37' of new 2 3/8" tubing on Retrieva DB Lok Set Packer set at 1720'-1732'.

Tubing tested to 1500 psi for 15 minutes 3/15/97.

Annulus tested to 1500 psi. for 30 minutes 3/15/97.

3/17/97 - tubing pressure 540 psi.
annulus pressure 0 psi.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

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

Quadrangle Weston
 Permit No. HAR-768-Red.

Company Consolidated Gas Supply Corp.
 Address Clarksburg, WV
 Farm Lloyd Stout Acres 204
 Location (waters) Lost Creek
 Well No. CW-241 (4576) Elev. 1075
 District Grant County Harrison
 The surface of tract is owned in fee by _____
Petitto Brothers
 Address Clarksburg, WV
 Mineral rights are owned by Cora S. Coleman
 Address Lost Creek, WV
 Drilling Commenced 2-20-74
 Drilling Completed 2-26-74
 Initial open flow _____ cu. ft. _____ bbls.
 Final production 665 cu. ft. per day _____ bbls.
 Well open 16 hrs. before test 24# RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 12 -10"	216	216	150 SKS
9 5/8			
8 5/8			
7			
5 1/2			
4 1/2	2031	2031	700 SKS
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Perforated from 1765-73, 16 holes. Acidized with 500 gal. HF 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			1311	1429		
Big Injun			1429	1538		
<u>Gantz</u>			1756	1775	Gas 1765-75	
Gantz "A"			1790	1815	Gas 1805-14	
<u>50'</u>			1863	1926		
Total Depth				2080 K.B.		

(over)

* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

779

WELL RECORD

Permit No. Ab 931-A

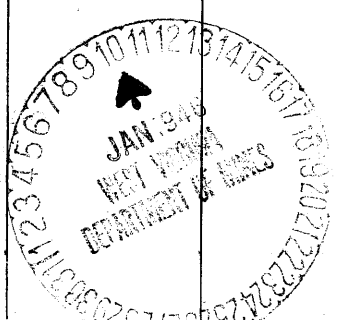
~~Oil~~ or Gas Well _____ (KIND)

Company Hope Natural Gas Company.
 Address 445 West Main St. Clarksburg, W. Va.
 Farm Lloyd Stout Acres 204
 Location (waters) _____
 Well No. 4576 Elev. 1075
 District Grant County Harrison
 The surface of tract is owned in fee by _____
 Address _____
 Mineral rights are owned by _____
 Address _____
 Drilling commenced November 6, 1916
 Drilling completed December 16, 1916
 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 146 feet _____ feet
 Salt water 1787 2111 2150 feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	<u>208</u>	<u>Pulled</u>	Size of
8 1/4	<u>885</u>	<u>885</u>	
6 5/8	<u>1949</u>	<u>1949</u>	Depth set
5 3/16	<u>2182</u>	<u>2182</u>	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

not cemented
 CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
none recorded
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Little Dunkard			250	275	water	146	
Big Dunkard			365	456			
Gas sand			550	625			
First Salt			654	755			
Second Salt			768	848			
Third Salt			865*	1004			
Little Lime			1306	124 1324			
Pencil cave			1324	1350			
Big Lime			1350	1414			
Big Injun			1414	1528			
Squaw			1541	1580			
Gantz			1775	1838			water
Fifty foot			1855	1900	water	2111	
Thirty foot			1945	1953			
Gordon stray			2127	2133			
Gordon			2148	2187	Water	2150	
Fourth			2207	2233	gas	2209	
Fifth			2285	2296	gas	2285	
Drilled to				2449			
Filled back to				2334			





STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

DEC 7 1973

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 December 6, 1973

Surface Owner Pettito Brothers
Address Riverside Drive, Clarksburg, W.Va.
Mineral Owner Cora Stout Coleman
Address Lost Creek, W. Va.
Coal Owner None
Address _____
Coal Operator None
Address _____

Company Consolidated Gas Supply Corporation
Address Clarksburg, W. Va.
Farm Lloyd Stout Acres 204
Location (waters) Lost Creek
Well No. CW-241 Elevation 1075'
District Grant County Harrison
Quadrangle WESTON

PERMIT MUST BE POSTED AT THE WELL

Provisions being in accordance with Chapter
W. Va. Code, the location is hereby approved.
redrilling This permit shall expire if
operations have not commenced by 4-7-74.

[Signature]
Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Wm. Blasse
Colfax, W. Va. PH: 363-9105

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 1-9-59 19 by Lewis M. Stout made to Hope Natural Gas Company and recorded on the 25th day of June 1959, in Harrison County, Book 824 Page 142

 NEW WELL DRILL DEEPER XXXX REDRILL FRACTURE OR STIMULATE
XXX 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) [Signature] Manager of Prod.
Well Operator

PLEASE SUBMIT COPIES OF ALL
PHYSICAL LOGS DIRECTLY TO:

West Virginia Geological and Economic Survey
Box 879
Martinsburg, W. Va. 26505
AS 304-296-4461
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 COPY

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

PROPOSED WORK ORDER TO xxx Re-DRILL DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:
 NAME S. W. Jack Drilling Co. NAME R. E. Rayne
 ADDRESS Indiana, Pa. ADDRESS Bridgeport, W. Va.
 TELEPHONE - - TELEPHONE 623-3611
 ESTIMATED DEPTH OF COMPLETED WELL: 2038' ROTARY xx CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Gantz
 TYPE OF WELL: OIL _____ GAS _____ COMB. _____ STORAGE xx 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	Will redrill & run string of 1 1/2" casing for storage observation well.		cemented to surface
9 - 5/8			
8 - 5/8		? 8-0?	
7			
5 1/2			
4 1/2			
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 116' FEET SALT WATER 1707' 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

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION

- 1) Well Operator: CNG Transmission Corporation 10900 ¹⁸¹⁷ (6)
- 2) Operator's Well Number: CW-241 ⁽⁴⁵⁷⁶⁾ 3) Elevation: 1075' ^{1270'}
- Well type: (a) Oil / or Gas X/
(b) If Gas: Production / / Underground Storage X/
Deep / / Shallow X/
Issued 03/10/97
Expires 03/10/99
- Proposed Target Formation(s): Gantz 413
- Proposed Total Depth: 2080 feet
- Approximate fresh water strata depths: None
- 8) Approximate salt water depths: None
- 9) Approximate coal seam depths: None
- 10) Does land contain coal seams tributary to active mine? Yes / / No X /
- 11) Proposed Well Work: Convert from disposal well to storage observation
See attached procedure
- 12)

23308

MAR 07 1997

PENDING
CANCELLATION

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS		FOOTAGE INTERVALS			CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	
Conductor	10 3/4"	K-55	40.5	216	216	150 sxs. Surface
Fresh Water						
Coal						
Intermediate						
Production	4 1/2"	K-55	11.6	2015	2015	700 sxs Surface
Tubing	2 3/8"				1756'	
Liners						

PACKERS : Kind Baker Lock-Set Packer
Sizes 2 3/8"
Depths set 1737.10

For Office of Oil and Gas Use Only

Fee(s) paid: Well Work Permit Reclamation Fund WPCP
 Plat WW-9 WW-2B Bond _____ Agent
 (Type)

0978116

033-0768-X

**LOST CREEK STORAGE
1997 WORKOVER PROCEDURE
WELL NO. CW-241**

ORIGINAL COMPLETION DATE 12/16/16 LAST WORK Acid/90

EXISTING CASING PROGRAM

10-3/4" @ 216 cmt'd w/150 sxs.
4-1/2" @ 2015 w/700 sxs.
2-3/8" @ 1737
T.D. @ 2080

PROPOSED TUBING

pull existing tubing and packer and
replace w/new

FORMATIONS

Big Lime 1311-1429
Big Injun 1429-1538
Gantz 1756-1775
Gantz A 1790-1815
50' 1863-1926

PACKERS

10-3/4" BHS @ 216
4-1/2" BHS @ 2015
2-3/8" Packer @ 1737

PROPOSED WELLHEAD

check present wellhead to see
if it needs updated

LOGS AVAILABLE

02/25/74 GR, FDL, IND,
 DENSITY, CCL, CAL
05/06/74 GR, NET-CCL
03/18/82 TEMP, CAL, ETT, GRN
08/29/84 GR, CCL
03/25/86 ETT-CTS

PERFORATIONS

1765-73 16 holes

PROPOSED PROCEDURE

1. MIRU slickline truck prior to moving in snubbing unit w/ service rig.
2. Set blanking plug in "F" nipple.
3. MIRU snubbing unit w/ service rig, and rig up.
4. Pull tubing and packer.
5. Run casing inspection log.
6. TIH with new tubing, packer, on-off tool, downhole shut-off valve, and knock-out plug assembly.
7. Land tubing.
8. Update wellhead if needed.
8. Pressure up with pump truck and remove knock-out plug.
10. Record and observe pressure.

1) Date: February 13, 1997
2) Operator's well number
CW-241
3) API Well No: 47 - 033 - 768 Red.
State County Permit

STATE OF WEST VIRGINIA - BUREAU OF ENVIRONMENT
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- 4) Surface Owner(s) to be served: 5) (a) Coal Operator:
- (a) Name Petitto Brothers Name None
Address Riverside Drive Address _____
- Clarksburg, WV 26301
- (b) Name _____ (b) Coal Owner(s) with Declaration
Address _____ Name None
Address _____
- (c) Name _____ Name _____
Address _____ Address _____
- 6) Inspector Tim Bennett (c) Coal Lessee with Declaration
Address 737 Karl Street Name None
Weston, WV 26452 Address _____
Telephone (304)- _____

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

 Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas **OR**

 x Included is the information required by Chapter 22, Article 6, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22 of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through on the above named parties, by:

- Personal Service (Affidavit attached)
 x Certified Mail (Postmarked postal receipt attached)
 Publication (Notice of Publication attached)

I have read and understand Chapter 22-6 and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.



OFFICIAL SEAL
NOTARY PUBLIC
STATE OF WEST VIRGINIA
Linda J. Hiteshew
415 W. Main St.
Clarksburg, WV 26301
My commission expires August 28, 2001

Well Operator CNG Transmission Corporation
By: [Signature]
Its: Manager, Gas Storage
Address 445 W. Main St., P. O. Box 2450
Clarksburg, WV 26302-2450
Telephone (304) 623-8000

Subscribed and sworn before me this 13th day of February, 1997

Linda J. Hiteshew Notary Public
My commission expires Aug 28, 2001