

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION U.S.G.S. BM AT JCT. OF L.S. RT. 15 & L.S. RT. 21/26 EL. 630

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) Danell M Radcliffe
 R.P.E. _____ L.L.S. 74

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6 (8-78)



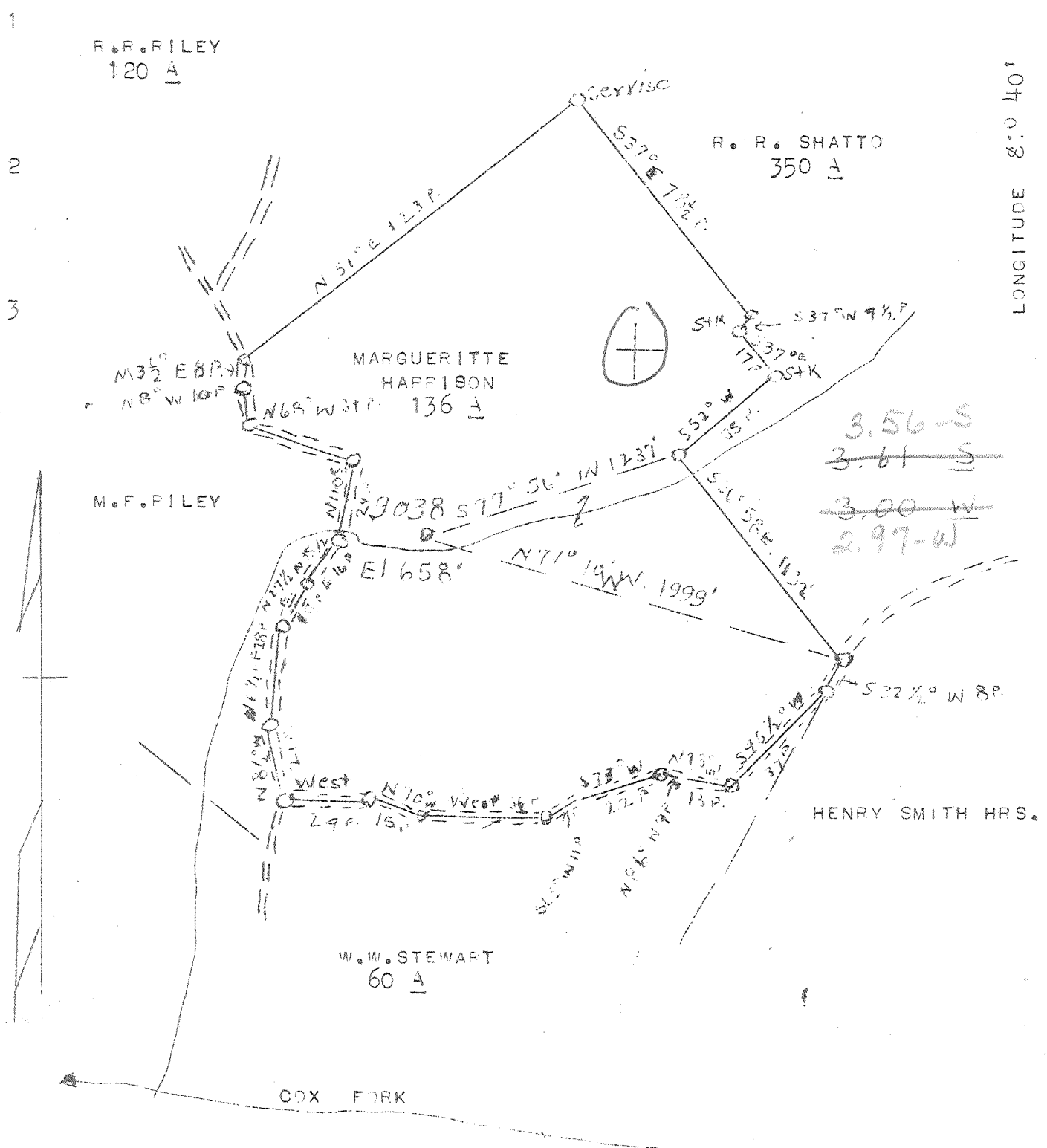
STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

DATE FEB 5, 19 82
 OPERATOR'S WELL NO. 9038
 API WELL NO. _____
47 - 035 - 0514-Rec.
 STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW ___
 LOCATION: ELEVATION 658' WATERSHED TRIBUTARY OF COX FORK
 DISTRICT RIPLEY COUNTY JACKSON
 QUADRANGLE RIPLEY 7.5 1181 SW
 SURFACE OWNER MARGARET HARRISON ACREAGE 136
 OIL & GAS ROYALTY OWNER MARGARET HARRISON LEASE ACREAGE 136
 LEASE NO. 51919
 PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) RE-CONDITION
 PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION ORISKANY ESTIMATED DEPTH 4849'
 WELL OPERATOR CON. GAS SUP. CORP. DESIGNATED AGENT THOMAS A. KUHN
 ADDRESS 445 W. MAIN ST. ADDRESS 445 W. MAIN ST.
CLARKSBURG, W. VA. 26301 CLARKSBURG, W. VA. 26301

LATITUDE 38° 50'

LONGITUDE 81° 40'



NEW LOCATION X
 DRILL DEEPER
 ABANDONMENT

COMPANY HOPE NATURAL GAS CO.
 ADDRESS CLARKSBURG, W. VA.
 FARM MARGUERITE HARRISON
 TRACT ACRES 136 LEASE NO. 51919
 WELL (FARM) NO. 1 SERIAL NO. 9038
 ELEVATION (SPIRIT LEVEL) 658'
 QUADRANGLE RIPLEY - SW
 COUNTY JACKSON DISTRICT RIPLEY
 ENGINEER W.M. BOWERS
 ENGINEER'S REGISTRATION NO. 900
 FILE NO. DRAWING NO.
 DATE 2-14-46 SCALE 1"=40 FEET

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
 WELL LOCATION MAP
 FILE NO. JAC - 514

X 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.

3-14-42 Deep Well ✓

RECEIVED



IV-35
(Rev 8-81)

JAN 31 1983

Date January 28, 1983
Operator's
Well No. 9038
Farm Margaret Harrison
API No. 47 - 035 - 0511-RE

OIL AND GAS DIVISION State of West Virginia
WV DEPARTMENT OF MINES
Department of Mines
Oil and Gas Division

WELL OPERATOR'S REPORT
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil / Gas X / Liquid Injection / Waste Disposal /
(If "Gas," Production X / Underground Storage / Deep / Shallow /)

LOCATION: Elevation: 658' Watershed Tributary of Cox Fork
District: Ripley County Jackson Quadrangle Ripley

COMPANY Consolidated Gas Supply Corp.
ADDRESS 145 W. Main St., Clarksburg, WV
DESIGNATED AGENT L. Joseph Timms, Jr.
ADDRESS 145 W. Main St., Clarksburg, WV
SURFACE OWNER Margaret Harrison
ADDRESS Rt. 2, Box 97, Ripley, WV 25211
MINERAL RIGHTS OWNER Margaret Harrison
ADDRESS Rt. 2, Box 97, Ripley, WV 25211
OIL AND GAS INSPECTOR FOR THIS WORK Homer H. Linden Route, Box 3A
Dougherty ADDRESS Looneyville, WV 25259

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size <u>7 7/8-16</u> Cond.		32	
13-10"			
9 5/8			
8 1/2			
8 5/8		200	
6 5/8		35	Pulled 119'
5 1/2			
4 1/2			
3			
2			
Liners used			

PERMIT ISSUED March 3, 1982
Recondition
DRILLING COMMENCED March 29, 1982
Recondition
DRILLING COMPLETED June 11, 1982

IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON

GEOLOGICAL TARGET FORMATION Oriskany Depth 4827-4849 feet
Depth of completed well 4849 feet Rotary / Cable Tools X
Water strata depth: Fresh 80 & 160 feet; Salt 1352 & 1570 feet
Coal seam depths: 1171-1179 Is coal being mined in the area? No

OPEN FLOW DATA
Producing formation Oriskany Pay zone depth 4827-4846 feet
Gas: Initial open flow No test Mcf/d Oil: Initial open flow Bbl/d
Final open flow 14 Mcf/d Final open flow Bbl/d
Time of open flow between initial and final tests hours
Static rock pressure 601 psig (surface measurement) after 11 days shut in
(If applicable due to multiple completion--)
Second producing formation Pay zone depth feet
Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d
Final open flow Mcf/d Oil: Final open flow Bbl/d
Time of open flow between initial and final tests hours
Static rock pressure psig (surface measurement) after hours shut in

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Pulled 4865' of 2 3/8" tubing.

Cut & pulled 1197' of 7" casing.

Set bridge plug at 1200'. Perforated at 945' and cemented with 660 sacks.

Drilled out cement. Perforated at 550' and cemented with 430 sacks to surface.

Cleaned out to 4849'. Ran 2 3/8" tubing with tension packer set at 4680' and a 161' tail pipe.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Sand			710	737	
Coal			1171	1179	
First Salt			1308	1350	
Second Salt			1515	1634	
Third Salt			1656	1763	
Blue Monday			1763	1790	
Big Lime			1790	1850	
Injun			1852	1940	
Squaw			1955	1975	
Berea			2340	2350	
Corniferous Lime			4726	4827	
Oriskany			4827	4849	
Total Depth				4849	

(Attach separate sheets as necessary)

Consolidated Gas Supply Corp.

Well Operator

By: J. E. Quinn Manager of Production

Date: January 28, 1983 *by R. D. Bradley*

Note: Regulation 2.02(i) provides as follows:

"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including those encountered in the drilling of a well."

WEST VIRGINIA DEPARTMENT OF MINES
OIL & GAS DIVISION
W E L L R E C O R D

Permit No. Jac 514
Ripley Quad.

Gas Well
CASING & TUBING

Company	Hope Natural Gas Company			
Address	445 West Main St., Clarksburg, W.Va.	16	32	32
Farm	Margaret Harrison Acres 136	13	345	345
Location		10	980	980
Well No.	9038 Elev. 658	8½	2004	2004
District	Ripley Jackson County	6 5/8	4738	4738
Surface				
Mineral				
Commenced	May 6, 1946			
Completed	July 31, 1946			
Date shot	7-31-46 Depth 4837 to 4849 with 40 qts.			
Volume	1,276,000 C.F.			
Rock Pressure				
Fresh Water	80°, 85°			
Salt Water	1352; 1570°			

Casing not cemented

No coal recorded

Surface	0	8	Third Salt	1656	1763
Gravel	8	20	Blue Monday	1763	1790
Red Rock	20	48	Big Lime	1790	1850
Slate	48	70	Break	1850	1852
Lime	70	87	Big Injun	1852	1940
Red Rock	87	100	Slate	1940	1955
Lime	100	110	Squaw	1955	1975
Sand	110	175	Gritty Lime	1975	1997
Red Rock	175	195	Slate Shell	1997	2315
Lime	195	210	Brown Shale	2315	2340
Red Rock	210	236	Berea	2340	2350
Lime	236	254	Slate Shell	2350	3245
Red Rock	254	285	Brown Shale	3245	3275
Lime	285	315	Slate Shell	3275	3550
Slate	315	320	Brown Shale - 441	3550	3650
Red Rock	320	340	Slate Shell	3650	3810
Lime	340	365	Shale	3810	3900
Red Rock	365	369	Slate	3900	3935
Lime	369	379	Brown Shale	3935	4040
Slate	379	385	White Slate	4040	4450
Red Rock	385	395	Brown Shale	4450	4595
Lime	395	430	White Slate	4595	4625
Slate	430	485	Brown Shale	4625	4726
Sand	485	500	Corniferous Lime - 463	4726	4827
Slate Shell	500	533	Criskany Sand	4827	4849
Sand - 1 st Pitts. Sand?	533	567			
Slate	567	585	Show gas 2345		
Red Rock	585	600	Gas 4839-41-46		
Lime	600	612			
Red Rock	612	635			
Sand	635	672			
Lime	672	710			
Sand	710	737			
Slate Shell	737	841			
Red Rock	841	846			
Sand	846	865			
Pink Rock	865	977	Show oil 725		
Gritty Lime	977	1010			
Sand - Big Dunkard?	1010	1106			
Lime	1106	1115			
Slate	1115	1145			
Sand	1145	1171			
Bl. Slate	1171	1179			
Sand	1179	1218			
Slate	1218	1263			
Sand	1263	1275			
Slate	1275	1308			
First Salt	1308	1350			
Bl. Slate	1350	1370			
Gritty Lime	1370	1400			
Slate Shell	1400	1515			
Second Salt	1515	1634			
Slate	1634	1656			

340

475

4726
658

4068

WR-38
DATE:

API # 35-005149

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPLICATE, one copy mailed to the Division, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

Farm name: M. Harrison- Operator Well No.: 47-035-0514

LOCATION: Elevation: 658 Quadrangle: Ripley
District: Ripley County: JACKSON
Latitude: _____ Feet South of _____ Deg. _____ Min. _____ Sec.
Longitude: _____ Feet West of _____ Deg. _____ Min. _____ Sec.

Well Type: OIL _____ GAS X

Company: H.D. Wells Inc. Coal Operator or Owner: NA

Agent: Same Coal Operator or Owner: NA

Permit Issued Date: March 5 - 2001

RECEIVED
Office of Oil & Gas
Permitting
DEC 14 2001
WV Department of
Environmental Protection

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of JACKSON ss:

H Dale - H D Wells and Larry Bush - state Insp. being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by the above named well operator, and participated in the work of plugging and filling the above well, and Larry Bush Oil and Gas Inspector representing the Director, say that said work was commenced on the 3rd day of Dec, 2001 and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Cement	4949	4749	Tubing	13" 10' 8 5/8 cemented
Gel	4749	1197		1982 by Clay GAS-
Cement	1197	1097		
Gel	1097	100' Below Surface in 8 5/8		
Cement	to SURFACE			
Erect	7' monument			

Description of monument: 7" casing w/ permit # and that the work of plugging and filling said well was completed on the 3rd day of Dec, 2001.

And further deponents saith not.

[Signature]
[Signature] - District Inspector

Sworn and subscribe before me this _____ day of _____, 2001
My commission expires: _____

JAC 0514 P

11/26/2003