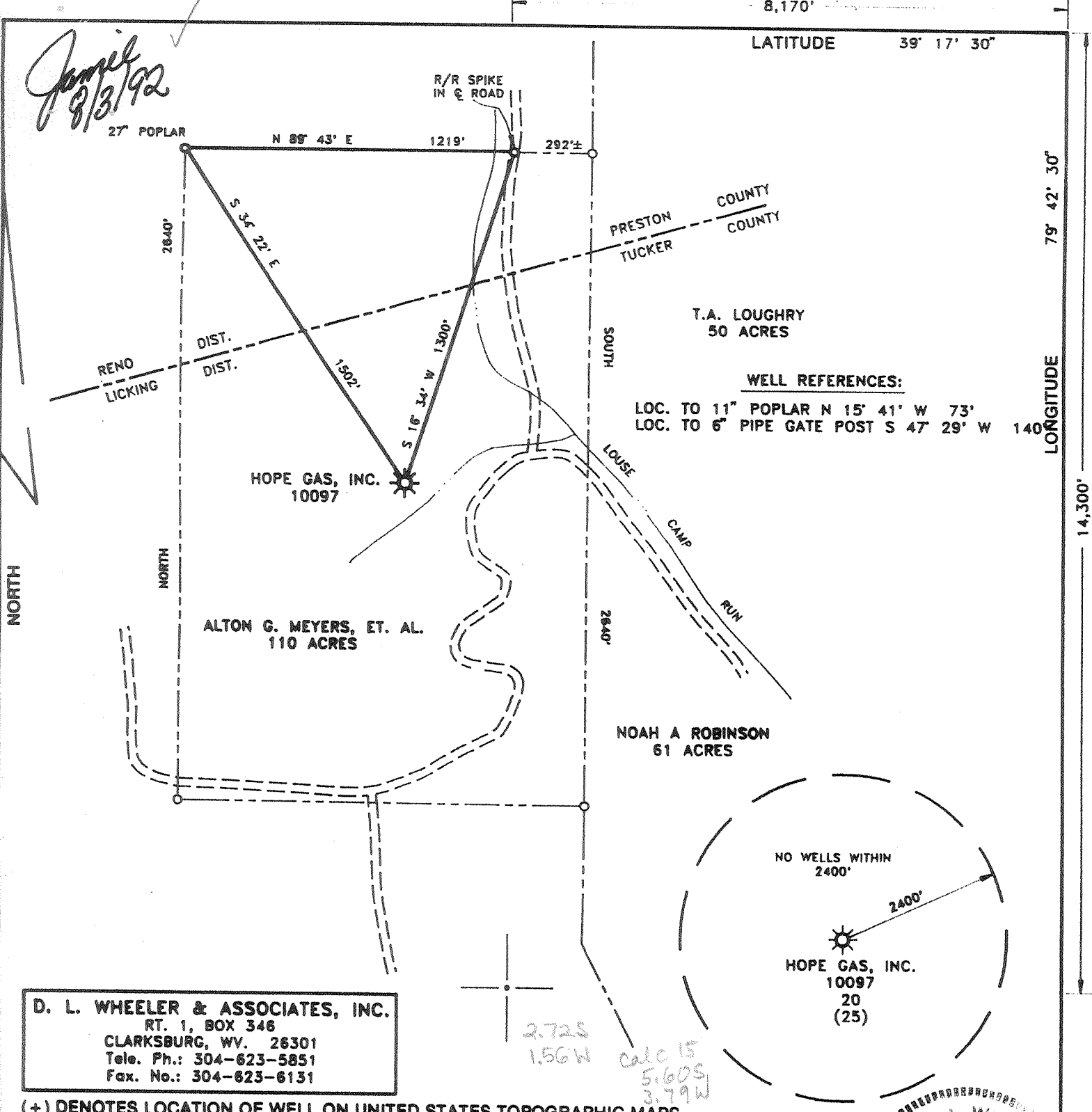


Janil
8/3/92



LONGITUDE 79° 42' 30"

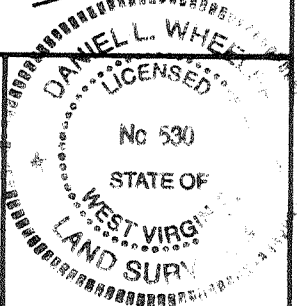
14,300'

D. L. WHEELER & ASSOCIATES, INC.
 RT. 1, BOX 346
 CLARKSBURG, WV. 26301
 Tele. Ph.: 304-623-5851
 Fax. No.: 304-623-6131

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

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 IN 200
 PROVEN SOURCE OF ELEVATION HOPE GAS, INC.
 WELL 10097, ELEV. 1967'

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) *Daniel L. Wheeler*
 R.P.E. _____ L.L.S. 530
 DANIEL L. WHEELER



PLACE SEAL HERE

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 OIL AND GAS DIVISION



DATE MAY 28, 19 92
 OPERATOR'S WELL NO. HOPE GAS, INC.
 API WELL NO. 10097
47 093 020-P
 STATE COUNTY PERMIT

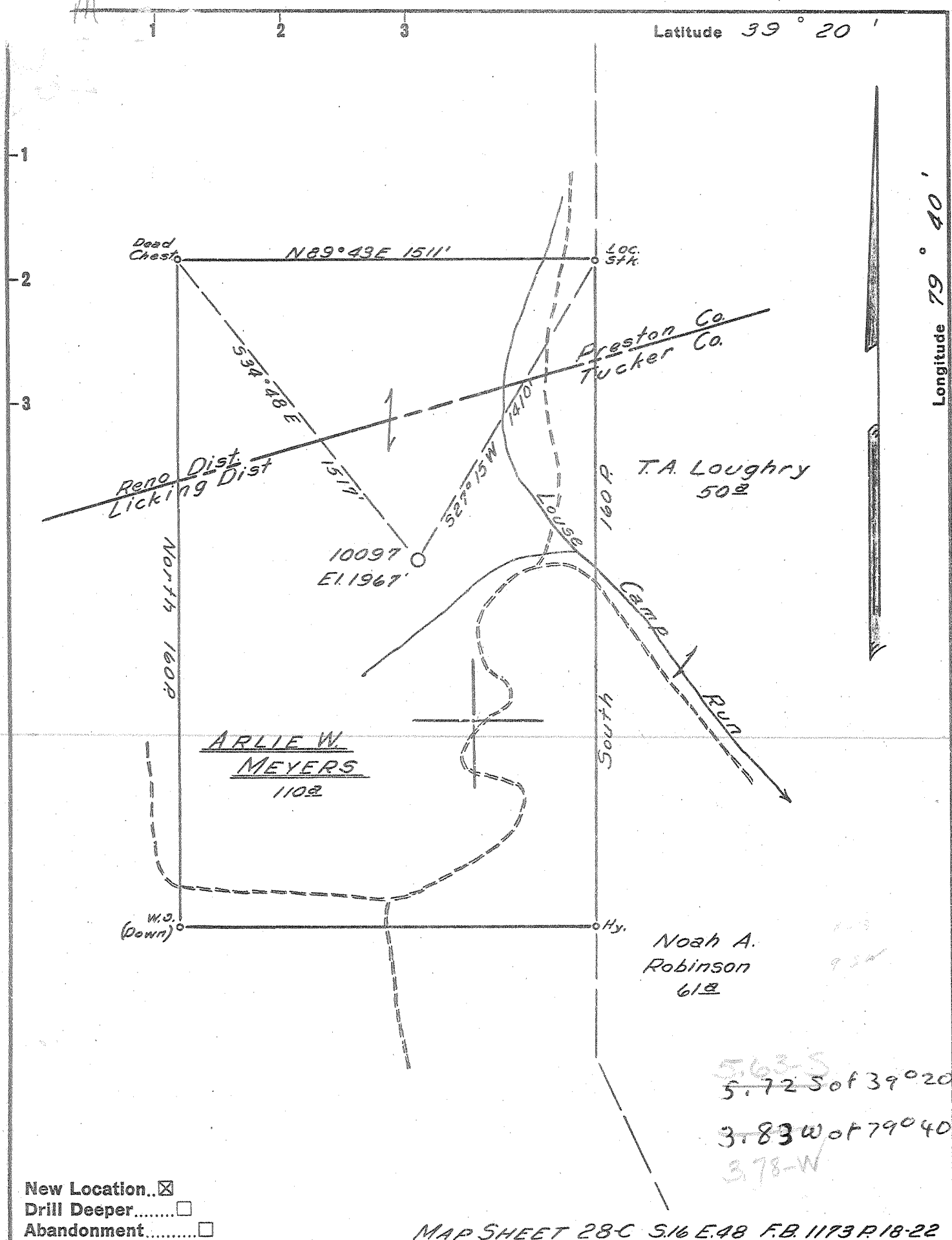
WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 1967' WATERSHED LOUSE CAMP RUN
 DISTRICT LICKING COUNTY TUCKER
 QUADRANGLE ROWLESBURG 7.5' *Kegwood 15*
 SURFACE OWNER ALTON G. MEYERS, ET. AL. ACREAGE 110
 OIL & GAS ROYALTY OWNER ARLIE W. MEYERS LEASE ACREAGE 110
 LEASE NO. 58784

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 X CLEAN OUT AND REPLUG ___
 TARGET FORMATION ORISKANY ESTIMATED DEPTH 4852'
 WELL OPERATOR HOPE GAS, INC. DESIGNATED AGENT CALVIN MORRISON
 ADDRESS P.O. BOX 2868 ADDRESS P.O. BOX 2868
 CLARKSBURG, WV. 26301 CLARKSBURG, WV. 26301

AUG 10 1992

COUNTY NAME PERMIT



New Location..
 Drill Deeper.....
 Abandonment.....

MAP SHEET 28C S.16 E.48 F.B. 1173 R.18-22

Company HOPE NATURAL GAS CO.
 Address CLARKSBURG, W. VA.
 Farm ARLIE W. MEYERS
 Tract _____ Acres 110 Lease No. 58784
 Well (Farm) No. _____ Serial No. 10097
 Elevation (Spirit Level) 1967'
 Quadrangle KINGWOOD - SW
 County TUCKER District LICKING
 Engineer Guy H. Bradley
 Engineer's Registration No. 2425
 File No. _____ Drawing No. _____
 Date 6/11/57 Scale 1" = 30 R

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

WELL LOCATION MAP
 FILE NO. JUC-20

+ 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.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 16

Quadrangle KINGWOOD

Permit No. TUC-20

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company Hope Natural Gas Company
Address Clarksburg, W. Va.
Farm Arle W. Myers Acres 110
Location (waters) _____
Well No. 10097 Elev. 1967'
District Licking County Tucker
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced ~~XXXXXX~~ July 11, 1957
Drilling completed October 21, 1957
Date Shot Not From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume 8,544 M Cu. Ft.
Rock Pressure 1940# lbs. _____ hrs.
Oil None bbls., 1st 24 hrs.
WELL ACIDIZED No
WELL FRACTURED No

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
18	23	23	
10	497	497	Size of
8 1/4	1674	1674	
6 5/8	4585	4585	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

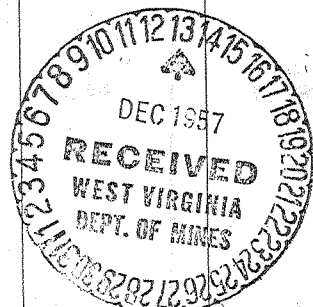
CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
8" casing cemented with 30 bags uniflo
7" casing cemented with 60 bags uniflo
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET No Coal INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

RESULT AFTER TREATMENT _____

ROCK PRESSURE AFTER TREATMENT _____

Fresh Water 33' Feet _____ Salt Water None Feet _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Clay			0	15	Water	33'	Hole Full
Mud			15	70			
Slate & Shells			70	95			
Lime			95	130			
Slate & Shells			130	150			
Lime			150	365			
Slate & Shells			365	475			
Lime	Hard		475	525			
Lime			525	600			
Slate & Shells			600	1310			
Lime			1310	1350			
Gritty Lime			1350	1390			
Lime			1390	1415			
Slate & Shells			1415	1485			
Broken Lime			1485	1495			
BENSON SAND			1495	1630			
Slate & Shells			1630	2220			
Lime			2220	2280			
Slate & Shells			2280	2418			
Gritty Lime			2418	2500			
Slate & Shells			2500	2718			
Lime			2718	2800			
Slate & Shells			2800	2860			
Lime			2860	2965			
Broken Lime			2965	3620			
Dark Lime			3620	3645			
Brown Shale			3645	3900			
Grey Shale			3900	4010			



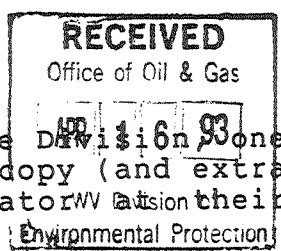
Formation	Color	Hard or Soft	Top /6	Bottom	Oil, Gas or Water	Depth Found	Remarks
Brown Shale			4010	4100			
Black Shale			4100	4158			
TULLEY LIME			4158	4206			Gas pocket blew tools up hole @ 4156'
Grey Shale			4206	4357			
Dark Lime			4357	4420			
Black Shale	marcellus?		4420	4560			
Brown Break			4560				
ONONDAGA			4560	4582			
CHERT			4582	4752			
Oriskany			4752		Gas	4758'	8,544 M
TOTAL DEPTH				4852'			
				475			
		4560	4752				
		1967	1967				
		2593	2785				

Date December 12, 1957

APPROVED Hope Natural Gas Company, Owner

By Jack Stanley
(Title)

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
SECTION 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: MYERS, ALTON G. ETAL. Operator Well No.: 10097

LOCATION: Elevation: 1967.00 Quadrangle: ROWLESBURG
District: LICKING County: TUCKER
Latitude: 14300 Feet South of 39 Deg. 17 Min. 30 Sec.
Longitude 8170 Feet West of 79 Deg. 42 Min. 30 Sec.

Well Type: OIL _____ GAS x

Company: Hope Gas, Inc.
P. O. Box 2868
Clarksburg, WV 26301

Coal Operator None
or Owner _____

Agent: Calvin R. Morrison

Coal Operator _____
or Owner _____

Permit Issued: 08/03/92

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Tucker ss:

Calvin R. Morrison and Ronnie Williams 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 Phillip Tracy Oil and Gas Inspector representing the Director, say that said work was commenced on the 1st day of September, 1992, and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Cement	4811'	4511'		
Gel	4511'	2003'	7" csg - 2003'	7" csg - 2582'
Cement	2003'	1603'		
Gel	1603'	1233'	8 5/8" csg - 1225'	8 5/8" csg - 449'
Cement	1233'	1033'		
Gel	1033'	525'		10 3/4" csg - 497'
Cement	525'	425'		
Gel	425'	250'		13 3/8" - 23'
Cement	*See Page Two			

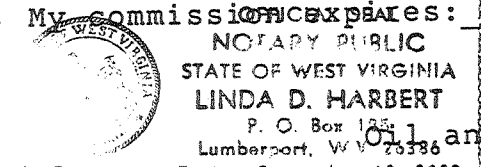
Description of monument: 7" CSG with API# attached
and that the work of plugging and filling said well was completed on the 8th day of September, 1992.

And further deponents saith not.

Calvin R. Morrison
Ronnie Williams

Notary Public

Sworn and subscribe before me this 13th day of APRIL, 1993
My commission expires: SEPT 10 2002

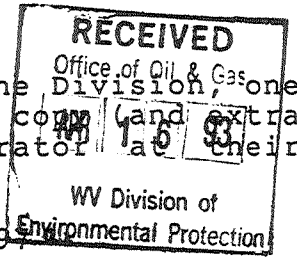


Linda D. Harbert
Notary Public
Phillip Tracy
Oil and Gas Inspector

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

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPPLICATE, 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: MYERS, ALTON G. ETAL. Operator Well No.: 1009

LOCATION: Elevation: 1967.00 Quadrangle: ROWLESBURG
District: LICKING County: TUCKER
Latitude: 14300 Feet South of 39 Deg. 17 Min. 30 Sec.
Longitude 8170 Feet West of 79 Deg. 42 Min. 30 Sec.

Well Type: OIL _____ GAS X

Company: HOPE GAS, INC.
 P. O. Box 2868
 Clarksburg, WV 26301

Coal Operator None
or Owner _____

Agent: Calvin R. Morrison

Coal Operator _____
or Owner _____

Permit Issued: 08/03/92

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Tucker ss:

Calvin R. Morrison and Ronnie Williams 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 Phillip Tracy Oil and Gas Inspector representing the Director, say that said work was commenced on the 1st day of September , 1992, and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT

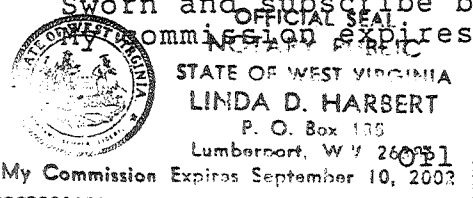
*Perforated 10 3/4" csg @ 249'-250' (8 shots) welded head on 10 3/4" csg & 13 3/8" csg with 2" outlet on 13 3/8" csg to squeeze water zone at 32'. Pumped 65 BBL cement (130') down 10 3/4" csg - locked up and pressured up to 2200 #. Tied on 13 3/8" csg and pumped 55 BBL (230 sks) cement down 13 3/8" csg and shut in.

Description of monument: 7" CSG with API# attached
and that the work of plugging and filling said well was completed on the 8th day of September , 1992.

And further deponents saith not. Calvin R. Morrison

Ronnie Williams

Sworn and subscribe before me this 13th day of APRIL , 19 93
My Commission Expires SEPT 10 2002



Linda D. Harbert
Notary Public

Phillip Tracy
and Gas Inspector: