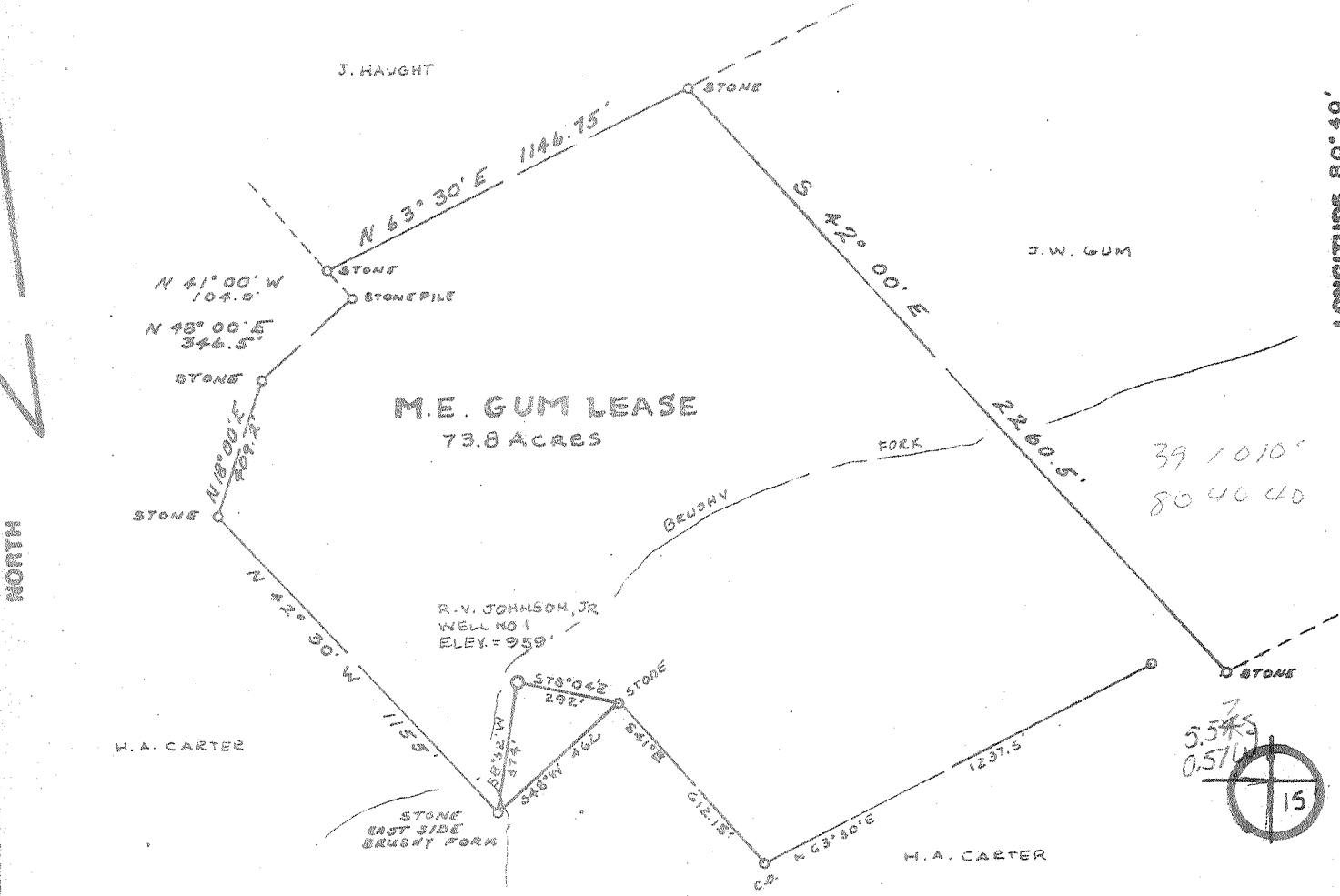


LATITUDE 39° 12' 30"
(15') 39° 15'

LONGITUDE 80° 40'



SURF, OIL & GAS
O.C. HAUGHT, HEIRS
NEW MILTON, W.VA. 26411

FILE NO. _____
DRAWING NO. _____
SCALE 1" = 500'
MINIMUM DEGREE OF ACCURACY 1/200
PROVEN SOURCE OF ELEVATION TOP OF KNOB 1000' E. OF LOC. - ELEV. = 1390'

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. Mark C. Echard
(SIGNED) MARK C. ECHARD
R.P.E. _____ L.L.S. 490

PLACE SEAL HERE

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



DATE APRIL 16, 1980
OPERATOR'S WELL NO. ONE
API WELL NO. 47-017-2738
STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
(IF "GAS,") PRODUCTION STORAGE _____ DEEP _____ SHALLOW
LOCATION: ELEVATION 959' WATER SHED BRUSHY FORK
DISTRICT NEW MILTON COUNTY RODDRIDGE
QUADRANGLE NEW MILTON 7.5' VADIS 15' NW
SURFACE OWNER O.C. HAUGHT, HEIRS ACREAGE 73.8
OIL & GAS ROYALTY OWNER O.C. HAUGHT, HEIRS LEASE ACREAGE 73.8
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 ELK ESTIMATED DEPTH 5475±
WELL OPERATOR RUSSELL V. JOHNSON, JR. DESIGNATED AGENT GAL SMYTHE
ADDRESS DRAWER "L" ADDRESS DRAWER "L"
GLENNVILLE, W.V. 26351 GLENNVILLE, W.V. 26351

6-0 NEW MILTON S

JUN 17 1980 307



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

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SEP - 4 1980

Oil and Gas Division

OIL & GAS DIVISION
DEPT. OF MINES

WELL RECORD

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

Quadrangle New Milton 7.5

Permit No. 47-017-2738

Company Russell V. Johnson, Jr.
Address Drawer "L", Glenville, WV
Farm Haught-Gum Acres 73
Location (waters) Brushy Fork
Well No. One Elev. 959
District New Milton County Doddridge
The surface of tract is owned in fee by _____
O.C. Haught, Hrs.
Address Salem, WV
Mineral rights are owned by Haught Hrs. &
Post Office Address Salem, WV
Drilling Commenced 6-6-80
Drilling Completed 6-6-80
Initial open flow -0- cu. ft. -- bbls.
Final production -0- cu. ft. per day -- bbls.
Well open -- hrs. before test -- RP
Well treatment details _____

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu ft (Sks.)
Size 20-16			
Cond. 13-16	30'	30'	
8 5/8	401'	401'	110 sks.
	N/A		
Lines Used			

Attach copy of cementing record.

Neither fractured nor acidized

Coal was encountered at _____ Feet _____ Inches
Fresh water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand N/A Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Shale		soft	0	30	water 5'	1' stream
Sand	grey	hard	30	40	water 40'	2" stream
Red Rock	red	soft	40	67		
Sand	white	hard	67	80		
Shale			80	85		
Coal			85	93		
Shale			93	98		
Sand			98	150		
Shale			150	170		
Sand			170	215		
Shale			215	431		
Sand & Shale			431	2000		
Density Log Unreadable						
Driller's Log: Sand & Sh.			2000	2061		
Big Lime			2061	2100		
Big Injun			2100	2206		
Shale			2206	2394		

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's
Well No. Haught-Gum #1

API Well No. 47-017 2730
State County Form

WELL TYPE: Oil X / Gas X /
(If "Gas", Production X / Underground storage ___ / Deep ___ / Shallow X)

LOCATION: Elevation: 959' Watershed: Brushy Fork
District: New Milton County: Doddridge Quadrangle: New Milton 7.5'

WELL OPERATOR Russell V. Johnson, Jr.
Address Drawer "L"
Glenville, WV 26351

DESIGNATED AGENT Gai L. Smythe
Address Drawer "L"
Glenville, WV 26351

OIL & GAS ROYALTY OWNER Haught et al
Address _____

COAL OPERATOR --none--
Address _____

Acreage 73 A

COAL OWNER(S) WITH DECLARATION ON RECORD:

SURFACE OWNER Haught et al
Address _____

Name _____
Address _____

Acreage 73 A

Name _____

FIELD SALE (IF MADE) TO:
Name N/A

Address _____

Address _____

COAL LESSEE WITH DECLARATION ON RECORD:

OIL & GAS INSPECTOR TO BE NOTIFIED
Name Paul Garrett

Name _____

Address 321 Beech

Address _____

Clarksburg, WV 26301

622-3871

OIL & GAS DIVISION
DEPT. OF MINES

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MAY - 1 1980

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed ___ / lease ___ / other contract ___ / dated _____, 19____, from undersigned well operator from Rockwell Petroleum Company

If said deed, lease, or other contract has been recorded:]

Recorded on _____, 19____, in the office of the Clerk of the County Commission of _____ County, West Virginia, in _____ Book _____ at page _____. A permit is requested as follows:

PROPOSED WORK: Drill X / Drill deeper ___ / Redrill ___ / Fracture or stimulate ___ /
Plug off old formation ___ / Perforate new formation ___ /
Other physical change in well (specify) _____

--planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code § 22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION
618 WASHINGTON STREET EAST
CHARLESTON, WV 25311

TELEPHONE: (304) 385-3092

BLANKET BOND

Russell V. Johnson, Jr.
Well Operator

By Gai L. Smythe

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) _____

Address _____

GEOLOGICAL TARGET FORMATION, Elk

Estimated depth of completed well, 5470 feet Rotary X / Cable tools _____ /

Approximate water strata depths: Fresh, 125' feet; salt, _____ feet.

Approximate coal seam depths: surface Is coal being mined in the area? Yes _____ / No X /

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft	New	Used	For drilling	Left in well		
Conductor	11-3/4			X		30'	30'		Kinds
Fresh water	8-5/8		20.0	X		1100'	1100'	300 sks	
Coal									Sizes
Intermediate									
Production	4 1/2		9.5	X			5360'	170 sks	Depths set
Tubing									
Liners									Perforations:
									Top Bottom

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code § 22-4-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.

A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulation is to be a part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.

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 1-13-81.

[Signature]
Deputy Director - Oil & Gas Division

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code § 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof:

W A I V E R

The undersigned coal operator _____ / owner _____ / lessee _____ / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

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

RECEIVED
OCT 15 1980

OIL & GAS DIVISION
DEPT. OF MINES

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPPLICATE, ONE COPY MAILED TO THE DEPARTMENT, 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.

--none--
COAL OPERATOR OR OWNER

--none--
ADDRESS

Melvin G. Sperry
ADDRESS

unknown
ADDRESS

Mary Post and Haught Hrs.
(Post LEASE OR PROPERTY OWNER Agent)
Rt. #1, Salem, WV 26426
ADDRESS

Russell V. Johnson, Jr.
NAME OF WELL OPERATOR

Drawer "L", Glenville, WV 26351
COMPLETE ADDRESS

47-017-7238-P 19 80
WELL AND LOCATION

New Milton District

Doddridge County

Well No. #1 (47-017-2738-P)

Haught-Gum #1 Farm

STATE INSPECTOR SUPERVISING PLUGGING Paul W. Garrett

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Gilmer } ss:

Jack Grogg 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 Russell V. Johnson, Jr., well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 1st day of October, 19 80, and that the well was plugged and filled in the following manner:

SAND OR ZONE RECORD FORMATION	FILLING MATERIAL	PLUGS USED SIZE & KIND	CASING	
			CSG PULLED	CSG LEFT IN
0 - 375	Gel--6%			
375- 475	Cement Plug (Neat cement)	Cement	NONE	401' of
475- 810	Gel--6%			8-5/8"
810- 910	Cement Plug (Neat Cement)	Cement		
Plugged as above with verbal permission from West Virginia Department of Mines. Paul Garrett on location during plugging job. Halliburton equipment and materials.				
COAL SEAMS		DESCRIPTION OF MONUMENT		
(NAME) Pittsburgh		30" of 8-5/8" pipe tapered at top to hold 4' of 2" pipe with 15-20 perforations in top 1.5 feet.		
(NAME)				
(NAME)				
(NAME)				

and that the work of plugging and filling said well was completed on the 1st day of October, 1980.

And further deponents saith not.

Sworn to and subscribed before me this 1st day of October, 19 80

My commission expires:
16 September 1990

Ronnie Williams
Jack Grogg
W. Lynn Chapman
Notary Public.

Permit No. 47-017-2738-P

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

AFFIDAVIT OF PLUGGING AND FILLING WELL

WELL TYPE: Oil ___ / Gas X / Liquid Injection ___ / Waste Disposal ___ /
(If "Gas", Production X / Underground storage ___ / Deep ___ / Shallow X /
LOCATION: Elevation: 1191 Watershed: Center Camp Run
District: New Milton County: Doddridge Quadrangle: New Milton 7.5'

WELL OPERATOR J & J Enterprises, Inc.
Address P.O. Box 48
Buckhannon, WV 26201

DESIGNATED AGENT H.L. Barnett
Address P.O. Box 48
Buckhannon, WV 26201

STATE OF WEST VIRGINIA,)
COUNTY OF Upshur) SS:

Jerry Johnson and H.L. Barnett

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; that they were employed by J & J Enterprises, Inc.,
the well operator, and participated in the work of plugging and filling the above well; that the work
was commenced on 7-18, 1980, and completed on 7-22, 1980, in the
following manner:

PERMITTED WORK: Plug and abandon X / Clean out and replug ___ /

PLUGGING MATERIALS

Type of Cement	Other Materials	Depth	Thickness
Class A		1564-1489	75'
	Gel	1489-950	539'
Class A		950-850	100'
	Gel	850-750	100'
Class A		750-700	50'
	Gel	700-405	295'
Class A		405-305	100'
	Gel	305-50	255'
Class A		50- Surf	50'

Bridge Plugs Used--Type and Depth

VENT PIPE

MISCELLANEOUS MATERIALS

CASING LOST

TYPE OF RIG:

Owner: Well Op'r X / Contractor ___ /

Rig time: 4 days plus ___ hours

COAL SEAMS (NAMES AND DEPTHS)

DESCRIPTION OF WELL MONUMENT

RECEIVED

JUL 29 1980

OIL & GAS DIVISION
DEPT. OF MINES

H.L. Barnett (SEAL)
Jerry Johnson (SEAL)

Subscribed and sworn to before me this

28th day of July, 1980.

My commission expires October 16, 1989.

[Signature]
Notary Public