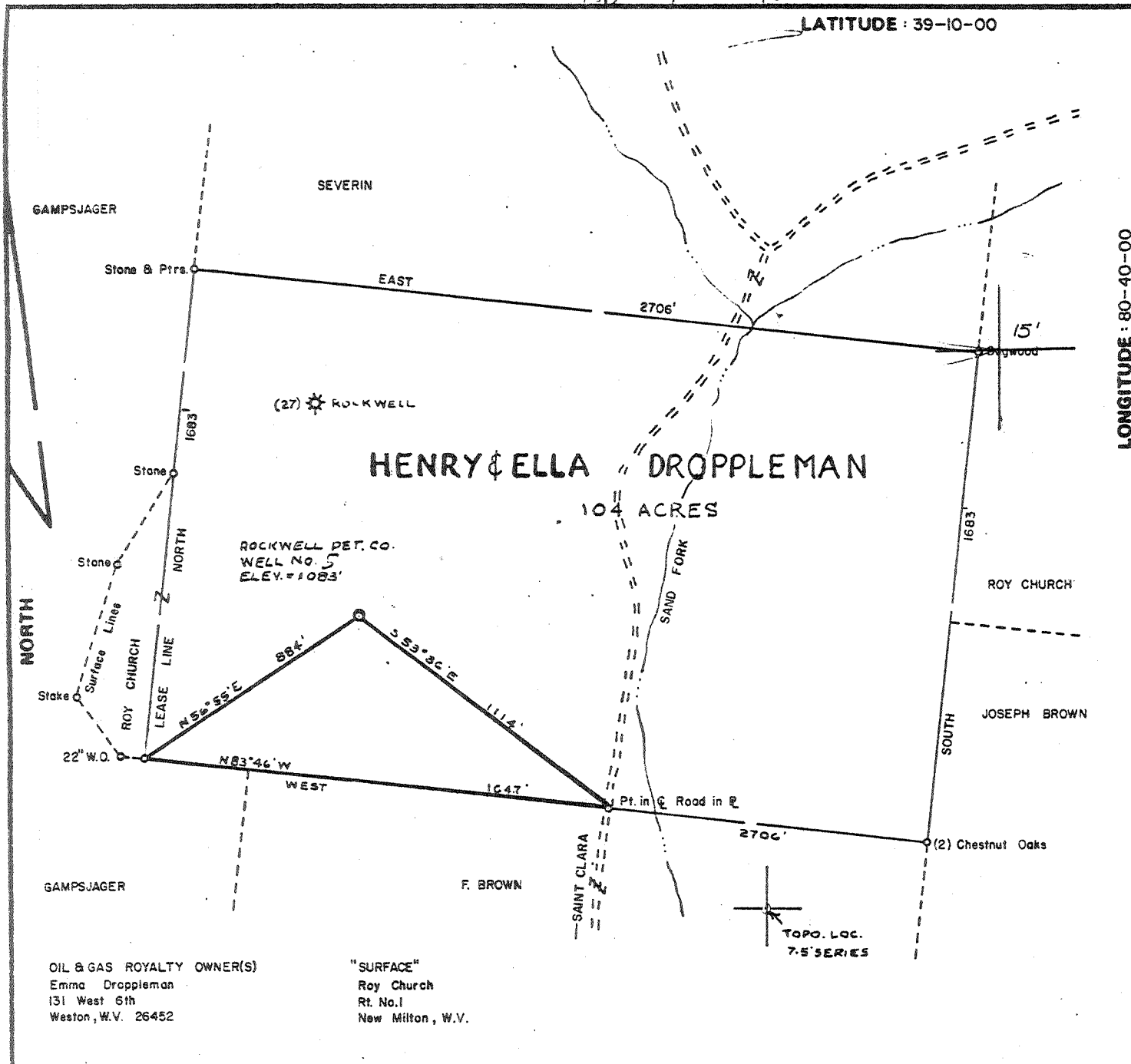


LATITUDE : 39-10-00

LONGITUDE : 80-40-00



OIL & GAS ROYALTY OWNER(S)  
 Emma Droppleman  
 131 West 6th  
 Weston, W.V. 26452

"SURFACE"  
 Roy Church  
 Rt. No. 1  
 New Milton, W.V.

TOPO. LOC.  
 7.5 SERIES

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1 inch = 500 feet  
 MINIMUM DEGREE OF ACCURACY 1/200  
 PROVEN SOURCE OF ELEVATION TCY OF ROADS 1850±  
 NE OF LOC. - ELEV. = 879'

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 JUNE 12, 1980  
 OPERATOR'S WELL NO. \_\_\_\_\_  
 API WELL NO. \_\_\_\_\_  
47 - 017 - 2782 - P  
 STATE COUNTY PERMIT

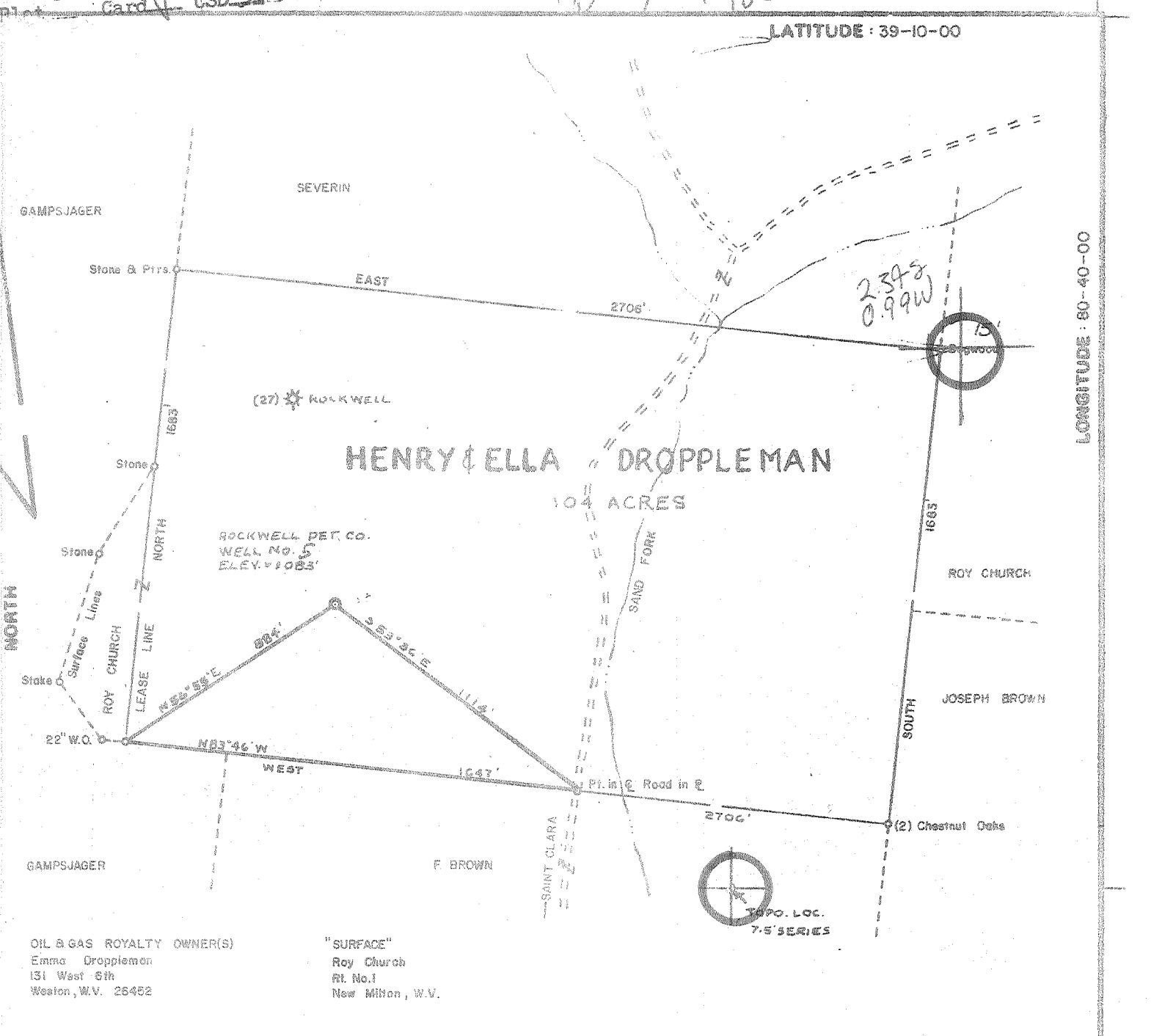
STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

WELL TYPE: OIL \_\_\_ GAS  LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION  STORAGE \_\_\_ DEEP \_\_\_ SHALLOW   
 LOCATION: ELEVATION 1083' WATERSHED SAND FORK of FINK CREEK  
 DISTRICT COVE COUNTY DODDRIDGE  
 QUADRANGLE NEW MILTON 7.5' 1AD15  
 SURFACE OWNER ROY CHURCH ACREAGE 104  
 OIL & GAS ROYALTY OWNER EMMA DROPPLEMAN LEASE ACREAGE 104  
 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 BIG INTJN ESTIMATED DEPTH 2400±  
 WELL OPERATOR ROCKWELL PETROLEUM DESIGNATED AGENT ROBERT R. JONES  
 ADDRESS P.O. BOX 86 SAND FORK, W.V. 26430 ADDRESS P.O. BOX 86 SAND FORK, W.V. 26430

LATITUDE : 39-10-00

LONGITUDE : 80-40-00



OIL & GAS ROYALTY OWNER(S)  
 Emma Droppleman  
 131 West 6th  
 Weaton, W.V. 26452

"SURFACE"  
 Roy Church  
 Rt. No. 1  
 New Milton, W.V.

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1 inch = 500 feet  
 MINIMUM DEGREE OF ACCURACY 1/200  
 PROVEN SOURCE OF ELEVATION ICT. OF ROADS 1880'S  
 NE OF LOC. - ELEV = 879'

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 JUNE 12, 1980  
 OPERATOR'S WELL NO. 5  
 API WELL NO. \_\_\_\_\_  
47 - 017 - 2782  
 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 1083' WATER SHED SAND FORK of FINK CREEK  
 DISTRICT COVE COUNTY DODDRIDGE  
 QUADRANGLE NEW MILTON 7.5' 1AD15 WC  
 SURFACE OWNER ROY CHURCH ACREAGE 104  
 OIL & GAS ROYALTY OWNER EMMA DROPPLEMAN LEASE ACREAGE 104  
 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 BIG INTLN ESTIMATED DEPTH 2400'  
 WELL OPERATOR ROCKWELL PETROLEUM DESIGNATED AGENT ROBERT R. JONES  
 ADDRESS P.O. BOX 86 SAND FORK, W.V. 26430 ADDRESS P.O. BOX 86 SAND FORK, W.V. 26430

60 NEW MILTON N 144 JUL 28 1980

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

Date November 25, 1980

FORM IV-35  
(Obverse)

Operator's Well No. Droppleman #5

[08-78]

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

API Well No. 17 - 017 - 278  
State County Permi

WELL TYPE: Oil  / Gas  / Liquid Injection  / Waste Disposal   
(If "Gas", Production  / Underground storage  / Deep  / Shallow )  
LOCATION: Elevation: 1083 Watershed: Sand Fork of Fink Creek  
District: Cove County: Doddridge Quadrangle: New Milton

WELL OPERATOR Carson Petroleum Corporation DESIGNATED AGENT \_\_\_\_\_  
Address P O Box 133 Address P O Box 133  
Sand Fork, WV 26430 Sand Fork, WV 26430

PERMITTED WORK: Drill  / Convert  / Drill deeper  / Redrill  / Fracture  / Stimulate   
Plug off old formation  / Perforate new formation   
Other physical change in well (specify) \_\_\_\_\_  
**RECEIVED**  
DEC 11 1980

PERMIT ISSUED ON June 26, 1980

OIL & GAS INSPECTOR Paul Garrett  
DEPT. OF MINES  
Name \_\_\_\_\_  
Address Clarksburg, WV  
622-3871

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

November 21, 1980

GEOLOGICAL TARGET FORMATION: Big Injun Sand Depth \_\_\_\_\_ feet  
Depth of completed well, 2356 feet Rotary  / Cable Tools \_\_\_\_\_  
Water strata depth: Fresh, 160 feet; salt, N/A feet.  
Coal seam depths: 770-725 Is coal being mined in the area? No  
Work was commenced November 17, 1980, and completed November 21, 1980

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		
Conductor	11 3/4			X		14'	14'	Kinds
Fresh water							To surface	
Coal								Sizes
Intermediate	8 5/8 ERW		20	X		1108'	1108'	330 sks
Production	4 1/2							Deaths set
Tubing								
Liners								Perforations:
								Top Bottom

OPEN FLOW DATA

Producing formation \_\_\_\_\_ Pay zone depth \_\_\_\_\_ feet  
Gas: Initial open flow, \_\_\_\_\_ Mcf/d Oil: Initial open flow, 0 Bbl/d  
Final open flow, \_\_\_\_\_ Mcf/d Final open flow, 0 Bbl/d  
Time of open flow between initial and final tests, \_\_\_\_\_ hours  
Static rock pressure, \_\_\_\_\_ psig (surface measurement) after \_\_\_\_\_ hours 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, 0 Bbl/d  
Final open flow, \_\_\_\_\_ Mcf/d Final open flow, 0 Bbl/d  
Time of open flow between initial and final tests, \_\_\_\_\_ hours  
Static rock pressure, \_\_\_\_\_ psig (surface measurement) after \_\_\_\_\_ hours shut in

JAN 13 1981

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

NONE

LL LOG

FORMATION	Color	Hard or Soft	Top Feet	Bottom Feet	Remarks Including indication of all fresh and salt water, coal, oil and gas
Sand & Shale			0	415	Hole wet @ 160'
Shale & Sand			415	720	
Coal			720	725	
Sand & Shale			725	2072	
Lime			2072	2089	Hole wet @ 1898'
Shale			2089	2105	
Lime			2105	2208	
Sand <i>BI</i>			2208	2284	
Shale			2284	2356	
Total Depth			2356		

(Attach separate sheets to complete as necessary)

Carson Petroleum Corporation  
Well Operator

By *Lowell M. Johnson*

Its Agent

**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 coal, encountered in the drilling of a well."

# COPY

## OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. Droppleman #5

API Well No. 47 - 017 - 2782  
State County Permit

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

LOCATION: Elevation: 1083' Watershed: Sand Fork of Fink Creek  
District: Cove County: Doddridge Quadrangle: New Milton

WELL OPERATOR Rockwell Petroleum Company  
Address P O Box 86  
Sand Fork, WV 26430

DESIGNATED AGENT Robert R. Jones  
Address P O Box 86  
Sand Fork, WV 26430

OIL & GAS  
ROYALTY OWNER Emma Droppleman  
Address Weston, WV

COAL OPERATOR N/A  
Address \_\_\_\_\_

Acreage 104

COAL OWNER(S) WITH DECLARATION ON RECORD:

SURFACE OWNER Roy Church  
Address St. Clara, WV

Name N/A  
Address \_\_\_\_\_

Acreage 104

Name N/A

DEED SALE (IF MADE) TO:  
Name N/A  
Address \_\_\_\_\_

Address \_\_\_\_\_

OIL & GAS INSPECTOR TO BE NOTIFIED  
Name Paul Garrett  
Address Clarksburg, WV 26301  
622-3871

COAL LESSEE WITH DECLARATION ON RECORD:  
Name N/A  
Address \_\_\_\_\_

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed  / lease  / other contract  / dated October 26, 19 78, to the undersigned well operator from Consolidated Gas Supply Corporation.  
[If said deed, lease, or other contract has been recorded:]

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

PROPOSED WORK: Drill  / 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 PHYSICAL LOGS DIRECTLY TO:  
WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION  
10 WASHINGTON STREET EAST  
CHARLESTON, WV 25311  
PHONE: (304) 348-3092

RECEIVED

JUN 26 1980

OIL & GAS DIVISION  
DEPT. OF MINES

Rockwell Petroleum Company  
Well Operator

By Mark R. Jones  
Its Partner

BLANKET BOND

