



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION USGS BM Oral Lake 1026', U.S.G.S Rosemont Quad.

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) *R. L. Hopkins*
 R.P.E. _____ L.L.S. 624
 Norton Survey & Consulting Inc.

PLACE SEAL HERE

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



DATE May 28, 19 80
 OPERATOR'S WELL NO. Cleer #3
 API WELL NO. _____
47 - 033 - 2398
 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 1090' WATER SHED Beards Run
 DISTRICT Simpson COUNTY Harrison
 QUADRANGLE Rosemont 7 1/2 FAIRMONT 15 SW
 SURFACE OWNER Charles G. Cleer ACREAGE 57.20
 OIL & GAS ROYALTY OWNER Charles G. Cleer LEASE ACREAGE 57.20
 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 BENSON ESTIMATED DEPTH 4420'
 WELL OPERATOR Nem Petroleum Corp DESIGNATED AGENT R. L. Hopkins
 ADDRESS Box 816 Buckhannon W. Va. 26201 ADDRESS Box 816 Buckhannon, W. Va. 26201



RECORDED

JAN 16 1981

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

WELL RECORD

Quadrangle Rosemont 7 1/2
Permit No. 47-033-2398

Union Drilling
Rig #1
Rotary Oil _____
Cable _____ Gas
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind)

Company NRM Petroleum Corporation
Address P.O. Box 816, Buckhannon, WV 26201
Farm Charles G. Cleer Acres 58
Location (waters) Beards Run
Well No. 3 Elev. 1090'
District Simpson County Harrison
The surface of tract is owned in fee by _____
Charles G. Cleer
Address Rt. 1, Box 115, Bridgeport, WV
Mineral rights are owned by _____
Address _____
Drilling Commenced 10-9-80
Drilling Completed 10-15-80
Initial open flow N.E.G. cu. ft. _____ bbls.
Final production 467 cu. ft. per day _____ bbls.
Well open 3 hrs. before test 1425 RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size			
20-16			
Cond.			
20-16 11 3/4	36'		
9 5/8			
8 5/8	954.35'	954.35'	250 Sks. Dowell
7			
5 1/2			
4 1/2	-	4304.5'	
3			
2			
Liners Used			

Well treatment details: Attach copy of cementing record.
Benson Perforations - 12 holes, 4184-88
Benson Frac - Breakdown 3100#, total fluid 477 bbl., average rate 26.2
BPM, average pressure 2700#, shut-in pressure 1800#
15,000# of 80/100 sand and 30,000# of 20/40 sand

Coal was encountered at _____ Feet _____ Inches
 Fresh water 50', 305' Feet _____ Salt Water _____ Feet _____
 Producing Sand Benson and 5th Sand Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Clay			0	15		
Sand and Shale			15	108		1/2" Water @ 50'
Sand			108	153		
Sand and Shale			153	165		
Sand			165	205		
Sand and Shale			205	621		3" Water @ 305'
Sand			621	669		
Sand and Shale			669	724		
Sand			724	842		
Sand and Shale			842	1141		
Little Lime			1141	1155		
Shale			1155	1181		
Big Lime			1181	1260		
Big Injun			1260	1345		
Sand and Shale			1345	1675		Gas Chk. @ 1594' - No Show
Gantz			1675	1705		
Sand and Shale			1705	1883		Gas Chk. @ 1813' - No Show
Gordon			1883	2045		
Shale			2045	2070		
Fourth Sand			2070	2170		
Shale			2170	2185		
Fifth Sand			2185	2248		

(over)

* Indicate Electric Log test in the remarks column

FEB 13 1981

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks
Siltstone and Shale			2248	2670		
Upper Speechley			2670	2725		
Siltstone and Shale			2725	2836		Gas Chk. @ 2721' - No Show
Speechley			2836	2923		
Siltstone and Shale			2923	3042		
Balltown			3042	3258		
Siltstone and Shale			3258	3314		
Bradford			3314	3492		
Siltstone and Shale			3492	3936		Gas Chk. @ 3632' - No Show
Riley			3936	4145		
Shale			4145	4178		
<u>Benson</u>			4178	4192		
Siltstone			4192	4226		
Siltstone and Shale			4226			
TOTAL DEPTH				4432'		Gas Chk. @ TD - N.E.G.
Well Logged By Allegheny Nuclear Surveys						
Initial Open Flow - Not Enough to Gauge (N.E.G.)						
5th Sand Perforations - 12 holes, 2162-2280						
5th Sand Frac - Breakdown 3000#, total fluid 469 bbl., average rate						
30.0 BPM, average pressure 2540#, shut-in pressure 2000#						
15,000# of 80/100 sand and 30,000# of 20/40 sand.						

Date _____ 19 _____

APPROVED NRM Petroleum Corporation Owner

By _____

(7112)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division

JUN 17 1980

OIL AND GAS WELL PERMIT APPLICATION

OIL & GAS DIVISION
DEPT. OF MINES

TO THE DEPARTMENT OF MINES,
Charleston, W. Va.

Surface Owner Charles G. Cleer
Address Rt. 1 Box 115 Bridgeport, WV
Mineral Owner Charles G. Cleer
Address Rt. 1 Box 115 Bridgeport, WV
Coal Owner Hillman Coal & Coke Company
Address 1900 Grant Bld. Pitts., PA
Coal Operator _____
Address _____

DATE June 3, 1980
Company NRM Petroleum Corporation
Address P.O. Box 816 Buckhannon, WV
Farm Cleer Acres 58
Location (waters) Beards Run
Well No. # 3 Elevation 1090
District Simpson County Harrison
Quadrangle Rosemont

THIS PERMIT MUST BE POSTED AT THE WELL SITE

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 2-18-81.

INSPECTOR
TO BE NOTIFIED Paul Garrett
ADDRESS 321 Beech St. Clarksburg, WV 26301
PHONE 622-3871

Robert S. Hall
GENTLEMEN
Deputy Director - Oil & Gas Division

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 April 26 1976 by Charles G. Cleer made to Partnership Properties Co and recorded on the 5 day of May 1976, in Harrison County, Book 1043 Page 718

NEW WELL DRILL DEEPER REDRILL FRACTURE OR STIMULATE
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.

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA GEOLOGICAL AND
ECONOMIC SURVEY
P. O. BOX 879
MORGANTOWN, WEST VIRGINIA 26505
AC-304 - 292-6331

Address
of
Well Operator

Very truly yours,
(Sign Name) Bill Hall
Well Operator
P.O. Box 816
Street
Buckhannon
City or Town
West Virginia 26201
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.

033
HARRISON-2398 PERMIT NUMBER

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements."

Signed by _____

