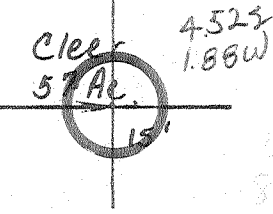


LATITUDE 39° 17' 30"
(15) 39° 20'

From 100 Ac.

LONGITUDE 80° 10' 00"



- A. N 42-50 E, 552.60'
- B. N 29-18 E, 485.02'
- C. S 36-31 W, 1030.32'

FILE NO. _____
DRAWING NO. _____
SCALE 1" = 500'
MINIMUM DEGREE OF ACCURACY 1 in 200
PROVEN SOURCE OF ELEVATION USGS BM Oval Lake 1026; USGS 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) James W. Peeler
R.P.E. _____ L.L.S. 624
Norton Surveys & Consulting, Inc.

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
FORM IV 6 (878)



DATE May 21, 19 80
OPERATOR'S WELL NO. Cleer #1
API WELL NO. _____
47 - 033 - 2395
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 1110' WATER SHED Beards Run
DISTRICT Simpson COUNTY Harrison
QUADRANGLE Rosemont 7 1/2 - FAIRMONT 15' 5W
SURFACE OWNER Charles G. Cleer ACREAGE 5.8
OIL & GAS ROYALTY OWNER Charles G. Cleer LEASE ACREAGE 5.8
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 BENSON ESTIMATED DEPTH 4420'
WELL OPERATOR NRM Petroleum Corp DESIGNATED AGENT R. L. Hopkins
ADDRESS Box 816 ADDRESS Box 816
Buckhannon, W. Va. 26201 Buckhannon W. Va. 26201



RECEIVED

NOV 10 1980.

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division
WELL RECORD '83

OIL & GAS DIVISION
DEPT. OF MINES
Union Drilling
Rig #1
Rotary Oil _____
Cable _____ Gas
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind)

Quadrangle Rosemont 7 1/2

Permit No. 47-033-2395

Company NRM Petroleum Corporation
Address P.O. Box 816, Buckhannon, WV 26202
Farm Cleer Acres 58
Location (waters) Beards Run
Well No. 1 Elev. 1110'
District Simpson County Harrison
The surface of tract is owned in fee by _____
Charles G. Cleer
Address Rt. 1, Box 115, Bridgeport, WV 26330
Mineral rights are owned by _____
Address _____
Drilling Commenced 10-18-80
Drilling Completed 10-23-80
Initial open flow 71 M cu. ft. _____ bbls.
Final production 1237 cu. ft. per day _____ bbls.
Well open 3 hrs. before test 1350 RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size			
20-16			
Cond.			
13-10"			
9 5/8			
8 5/8	984.95'	984.95'	240 Sks.
7			
5 1/2			
4 1/2		4358'	
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Benson Perforations - 12 holes, 4250-62

Benson Frac - Breakdown 3200#, average rate 36.2 BPM, average pressure

2840#, total fluid 435 bbl., shut-in pressure 1800#

15,000# 80/100 sand and 30,000# of 20/40 sand

P.J. and 5th perf @ 2258-63, 2274-76, 2285-85

Coal was encountered at _____ Feet _____ Inches
Fresh water 34' Feet _____ Salt Water _____ Feet _____
Producing Sand Benson, 5th Sand Depth _____
2258-85

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Clay			10	20		
Sand and Shale			20	575		1/2" Water @ 34'
Sand			575	630		
Sand and Shale			630	670		
Sand			670	730		
Sand, Shale & Red Rock			730	1208		
Little Lime			1208	1222		
Shale			1222	1249		
Big Lime			1249	1326		
Big Injun			1326	1410		
Sand and Shale			1410	1738		
Gantz			1738	1788		
Sand and Shale			1788	2265		Gas Chk. @ 1999' - No Show
Fifth Sand			2265	2314		
Siltstone and Shale			2314	2904		
Speechley			2904	2990		
Siltstone and Shale			2990	3108		Gas Chk. @ 3030' - 163 M
Balltown			3108	3328		
Siltstone and Shale			3328	4251		Gas Chk. @ 3754' - 119 M
Benson			4251	4268		Gas Chk. @ 4095' - 133 M
Siltstone and Shale			4268			

(over)

* Indicates Electric Log tops in the remarks section.

DEC 5 1980

Formation	Color	Hard or Soft	Top Feet ¹³	Bottom Feet	Oil, Gas or Water	Remarks
TOTAL DEPTH				4461	Gas Chk. @ TD - 71 M	
Well Logged By Allegheny Nuclear Surveys						
Initial Open Flow - 71 Mcf/Day						
5th Sand Perforations- 6 holes, 2258-63 4 holes, 2274-76 2 holes, 2285						
5th Sand Frac - Breakdown 2800#, average rate 33.6 BPM, average pressure 2881#, total fluid 419 bbl., shut-in pressure 1900# 15,000# of 80/100 sand and 30,000# of 20/40 sand.						

Date 11-7 19 80

APPROVED NRM Petroleum Corporation Owner

By Alhoni Drilling Sup.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED
JUN 17 1980

Oil and Gas Division

OIL & GAS DIVISION
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

DATE June 3, 1980

Surface Owner Charles G. Cleer

Company NRM Petroleum Corporation

Address Rt. 1 Box 115 Bridgeport, WV 26330

Address P.O. Box 816 Buckhannon, WV 26201

Mineral Owner Charles G. Cleer

Farm Cleer Acres 58

Address Rt. 1 Box 115 Bridgeport, WV 26330

Location (waters) Beards Run

Coal Owner Hillman Coal & Coke Company

Well No. # 1 Elevation 1110

Address 1900 Grant Bld. Pitts., PA

District Simpson County Harrison

Coal Operator _____

Quadrangle Rosemont

Address _____

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.

Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Paul Garrett

ADDRESS 321 Beech St. Clarksburg, WV 26301

PHONE 622-3871

GENTLEMEN:

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 19 76 by Charles G. Cleer et ux made to Partnership Properties Co and recorded on the 5 day of May 19 76 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

BLANKET BOARD

*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-2395
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 _____

THIS IS AN ESTIMATE ONLY
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO X DRILL DEEPEN FRACTURE-STIMULATE

DRILLING CONTRACTOR: (If Known)

RESPONSIBLE AGENT:

NAME Union Drilling Company

NAME Rickard L. Hopkins

ADDRESS Drawer 40 Buckhannon, WV 26201

ADDRESS P.O. Box 816 Buckhannon, WV

TELEPHONE (304) 472-4610

TELEPHONE (304) 472-9113

ESTIMATED DEPTH OF COMPLETED WELL: 4420'

ROTARY X CABLE TOOLS

PROPOSED GEOLOGICAL FORMATION: Benson

TYPE OF WELL: OIL GAS X COMB. STORAGE DISPOSAL
 RECYCLING WATER FLOOD OTHER

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	FEET IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10			
9 - 5/8			
8 - 5/8			
7	800'	800'	Cement to surface
5 1/2			
4 1/2		4420'	125 sx.
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 40 FEET SALT WATER FEET

APPROXIMATE COAL DEPTHS 448' - 454'

IS COAL BEING MINED IN THE AREA? BY WHOM?

TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for Allman Coal & Coke Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the Allman Coal & Coke Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

 Eugene Jacobs
 For Coal Company
 Chief Engineer
 Official Title