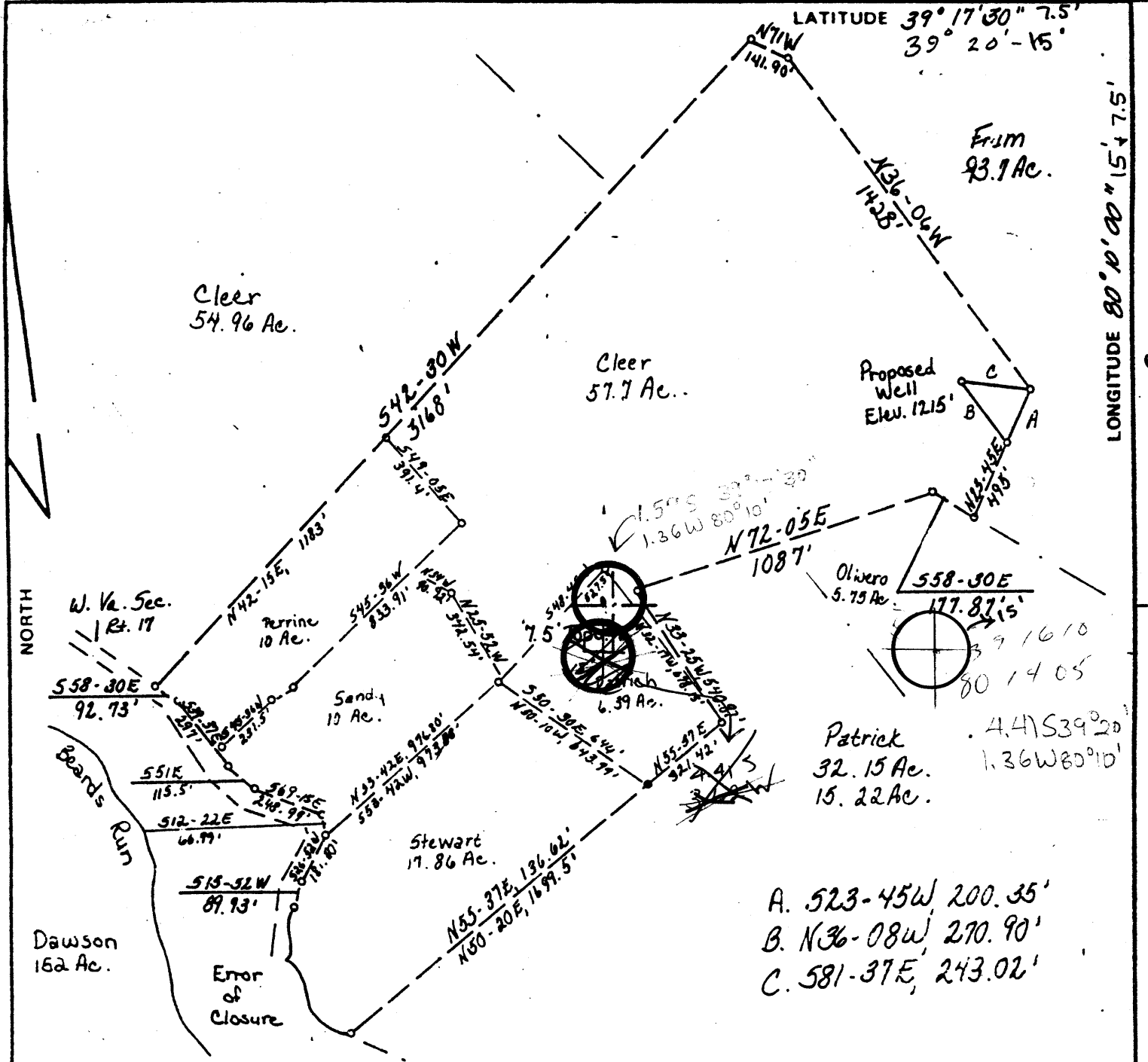


7,300'



LONGITUDE 80° 10' 00" 15' 7.5' 8 400'

- A. 523-45W, 200.35'
- B. N36-08W, 270.90'
- C. 581-37E, 243.02'

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION USGS BM Rosemont 1005', 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) [Signature]
 R.P.E. _____ L.L.S. 624

PLACE SEAL HERE

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



DATE Nov 3, 1980
 OPERATOR'S WELL NO. Cleer # A1
 API WELL NO. _____
47 - 091 - 0190
 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 1215' WATER SHED Simpson Creek
 DISTRICT Flemington COUNTY Taylor
 QUADRANGLE Rosemont T M 15 S W
 SURFACE OWNER Charles G. Cleer ACREAGE 57.7
 OIL & GAS ROYALTY OWNER Charles G. Cleer LEASE ACREAGE 57.7
 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 4520' 6-0 Bridgeport-Pruntytown (110)
 WELL OPERATOR VRM Petroleum Corp DESIGNATED AGENT R. L. Hopkins
 ADDRESS Box 816 ADDRESS Box 816 JAN 13 1981
Buckhannon, W Va 26201 Buckhannon, W Va 26201



RECEIVED
FEB 19 1981

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

WELL RECORD 14

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

Quadrangle Rosemont 7 1/2"
Permit No. 47-091-0190

Company <u>NRM Petroleum Corporation</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>P. O. Box 816, Buckhannon, WV 26201</u>	Size			
Farm <u>Cleer</u> Acres <u>58</u>	20-16			
Location (waters) <u>Simpson Creek</u>	Cond.			
Well No. <u>A-1</u> Elev. <u>1215'</u>	13-10"			
District <u>Flemington</u> County <u>Taylor</u>	9 5/8			
The surface of tract is owned in fee by _____	8 5/8	1049.60	1049.60	280 Sks (1-25-8)
<u>Charles G. & Mary J. Cleer</u>	7			
Address <u>Rt. 1, Box 115, Bridgeport, WV 26330</u>	5 1/2			
Mineral rights are owned by <u>Same</u>	4 1/2		4,535	
_____ Address _____	3			
Drilling Commenced <u>1-23-81</u>	2			
Drilling Completed <u>1-28-81</u>	Liners Used			
Initial open flow <u>21 M</u> cu. ft. _____ bbls.				
Final production <u>375</u> cu. ft. per day _____ bbls.				
Well open <u>3</u> hrs. before test <u>1950</u> RP.				

Well treatment details: Attach copy of cementing record.
 Benson Perforations - 10 holes, 4410-16
 Benson Frac - Breakdown 3200#, average pressure 2500#, average rate
 22 BPM, total fluid 580 bbl, shut-in pressure 1800#
 10,000# of 80/100 sand and 60,000# of 20/40 sand

Coal was encountered at _____ Feet _____ Inches
 Fresh water 46' Feet _____ Salt Water _____ Feet _____
 Producing Sand Benson Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Formation Depths Taken From Driller's Log Book --						
Sand			0	46		1" Stream Water @ 46'
Sand and Shale			46	137		
Sand			137	180		
Sand and Shale			180	260		
Coal			260	265		
Sandy Shale			265	595		
Coal			595	600		
Sandy Shale			600	740		
Red Rock			740	752		
Sand and Shale			752			
Formation Depths Taken From Gamma Ray Log -- EKB 1220' --						
Sand and Shale				1300		
Little Lime			1300	1316		
Shale			1316	1341		
Big Lime			1341	1420		
Big Injun			1420	1506		
Siltstone and Shale			1506	1830		
Sand and Shale <i>Warr?</i>			1830	2046		
Shale			2046	2050		

Formation	Color	Hard or Soft	Top Feet ⁹⁴	Bottom Feet	Oil, Gas or Water	Remarks
Gordon			2050	2226		
Shale			2226	2236		
Fourth Sand			2236	2333		
Shale			2333	2365	Gas Chk. @ 2337'	- No Show
Fifth Sand			2365	2420		
Siltstone and Shale			2420	3007		
Speechley			3007	3074	Gas Chk. @ 3010'	- No Show
Siltstone and Shale			3074	3218		
Balltown			3218	3433	Gas Chk. @ 3393'	- No Show
Siltstone and Shale			3433	4396		
Benson ✓			4396	4419		
Siltstone and Shale			4419			
TOTAL DEPTH				4563	Gas Chk. @ TD	- 21 Mcf/Day
Well Logged By Allegheny Nuclear Surveys						
Initial Open Flow - 21 Mcf/Day						

Date Feb 18 19 81

APPROVED NRM Petroleum Corporation Owner
John C. Moore Supt.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED
DEC - 5 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 November 6, 1980

Surface Owner Charles G. Cleer & Mary J. Cleer Company NRM Petroleum Corporation
 Address Route 1, Box 115, Bridgeport, WV 26330 Address PO Box 816, Buckhannon, WV 26201
 Mineral Owner same as above Farm Cleer Acres 58
 Address _____ Location (waters) Simpson Creek
 Coal Owner Hillman Coal & Coke Company Well No. Cleer #A1 Elevation 1215
 Address 1900 Grant Building, Pittsburgh, PA District Flemington County Taylor
 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 8-10-81.

INSPECTOR
TO BE NOTIFIED William Blosser
ADDRESS PO Box 1028, Colfax, WV 26566
PHONE 363-9105

J. J. Muzey
Deputy Director Oil & Gas Division

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 1976 by Charles G. Cleer & Mary J. Cleer made to Partnership Properties, Co. and recorded on the 7th day of May 1976 in Harrison County, Book 1043 Page 714
 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 _____ 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 - 392-6331

Address
of
Well Operator

Very truly yours,
(Sign Name) Bill Hall
Well Operator
PO Box 816
Street
Buckhannon
City or Town
West Virginia
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 and by 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.

47-091-0190

PERMIT NUMBER

BLANKET BOND

"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 NAME Richard Hopkins
 ADDRESS Drawer 40, Buckhannon, WV 26201 ADDRESS PO Box 816, Buckhannon, WV 26201
 TELEPHONE 472-4610 TELEPHONE 472-9113
 ESTIMATED DEPTH OF COMPLETED WELL: 4520 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			
17 - 10			
9 - 5/8			
8 - 5/8	900		cement to surface
7			
5 1/2			
4 1/2	4520		225 sks cement
3			Perf. Top
2			Perf. Bottom
LINKS			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 140 FEET _____ SALT WATER _____ FEET _____

APPROXIMATE COAL DEPTHS 548-554

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 by day 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 Hillman & 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 Hillman & 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.

William R. Kohl
 For Coal Company
Geologist
 Official Title