



RECEIVED
JAN 20 1981

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division ³⁴
WELL RECORD

OIL & GAS DIVISION
DEPT. OF MINES
Union Drilling
Rig #8
Rotary Oil _____
Cable _____ Gas
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind) _____

Quadrangle Rosemont 7 1/2
Permit No. 47-033-2507

Company NRM Petroleum Corporation
Address P. O. Box 816, Buckhannon, WV 26201
Farm Douglas Acres 46.87
Location (waters) Beard Run
Well No. 1 Elev. 1140'
District Simpson County Harrison
The surface of tract is owned in fee by _____
Charles Thomas & Deborah A. Davis
Address P. O. Box 415, Bridgeport, WV
Mineral rights are owned by _____
Address _____
Drilling Commenced 11-20-80
Drilling Completed 11-25-80
Initial open flow 24 M cu. ft. _____ bbls.
Final production 348 M cu. ft. per day _____ bbls.
Well open 3 hrs. before test 1050 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	22		
9 5/8			
8 5/8	852.67	852.67	250 Sks. Halliburton
7			
5 1/2			
4 1/2	-	4387'	
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Benson Perforations - 12 holes 4252-78
Benson Frac - Breakdown 2500#, average pressure 1913#, average rate 34.5BPM
total fluid 434 bbl. average shut-in pressure 1300#
10,000# of 80/100 sand and 30,000# of 20/40 sand.
P. J. card perf 2310-37 5th, 2945-3027 Speechly, 3148-3366 Balltown, 4262-88 Benson

Coal was encountered at 578 - 582' Feet _____ Inches _____
Fresh water 20', 235', 516' Feet _____ Salt Water _____ Feet _____
Producing Sand Benson, Balltown, Speechly, Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Clay			0	5		
Sand and Shale			5	15		
Sand			15	220		Water - Damp @ 20'
Sandy Shale			220	315		1/4" Stream Water @ 235'
Red Rock and Shale			315	330		
Sand			330	419		
Sand and Shale			419	448		
Sand			448	479		
Shale			479	495		
Sand and Shale			495	578		1/2" Stream Water @ 516'
Coal			578	582		
Sand and Shale			582	600		
Shale			600	992		
Maxon			992	1042		
Sand and Shale			1042	1255		
Little Lime			1255	1269		
Shale			1269	1297		
Big Lime			1297	1375		
Big Injun			1375	1466		
Siltstone and Shale			1466	1783		Gas Chk. @ 1544' - No Show
Sand and Shale			1783	2310		Gas Chk. @ 2054' - 18 M

(over)

* Indicates Electric Log zone in the remarks section.

FEB 13 1981

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks
Fifth Sand			2310	2356		
Siltstone and Shale			2356	2726	Gas Chk. @ 2381'	- 15 M
Shale			2726	2753	Gas Chk. @ 2538'	- 11 M
Siltstone and Shale			2753	2945		
Speechley			2945	3027		
Siltstone and Shale			3027	3148		
Balltown			3148	3366		
Siltstone and Shale			3366	4260	Gas Chk. @ 3509'	- 11 M
Benson			4260	4295	Gas Chk. @ 4104'	- 15 M
Siltstone and Shale			4295		Gas Chk. @ 4323'	- 24 M
TOTAL DEPTH				4447		
Well Logged By Allegheny Nuclear Surveys						
Initial Open Flow - 24 Mcf/Day						
Balltown and Speechley Perforations - 10 holes						
Balltown and Speechley Frac - Breakdown 1700#, average pressure 2000#						
average rate 34.7 BPM, total fluid 400 bbl., shut-in pressure 600#						
10,000# of 80/100 sand and 30,000# of 20/40 sand.						
5th Sand Perforations - 12 holes 2305-32						
During frac of 5th Sand hole circulated						

Date 1-16 1981

APPROVED NRM Petroleum Corporation Owner

By R. L. Hopkins - V. Pres.
(Title)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,

Charleston, W. Va.

DATE November 6, 1980

Surface Owner Charles Thomas & Deborah A. Davis

Company NRM Petroleum Corporation

Address P.O. Box 415, Bridgeport, WV 26330

Address PO Box 816, Buckhannon, WV 26201

Mineral Owner Charles T. Davis & G. Lester Douglas

Farm Davis Acres 46.87

Davis same as above
Address Douglas: Rt. 1, Box 28, Bridgeport, WV

Location (waters) Beard Run

Coal Owner Charles T. Davis 26330

Well No. Douglas #1 Elevation 1140

Address P.O. Box 415, Bridgeport, WV 26330

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 7-11-81.

INSPECTOR

TO BE NOTIFIED Paul Garrett

ADDRESS 321 Beech Street, Clarksburg, WV
26301

PHONE 622-3871

J. E. Hunsperger
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 October 21 19 80 by G. Lester Douglas/Charles Davis made to NRM /NRM and recorded on the 23 / 23 day of Oct. 1980 in Harrison County, Book 1097/1097 Page 77 / 75

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.

Very truly yours,

(Sign Name) Bill Hall
Well Operator

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

PO Box 816
Street

Buckhannon
City or Town

West Virginia
State

BLANKET BOND

*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.

47-033-2507

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 _____

[Handwritten signature]

