



Minimum Error of Closure ONE PART IN 200
 Source of Elevation USGS B.M. ON NORTH WINGWALL OF BRIDGE
OVER CARRER CAMP RUN S.W. OF LOCATION 1700' ELEV. = 893'

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

Fracture
 New Location
 Drill Deeper
 Abandonment

Signed: Mark C. Echard
 Squares: N S E W

Map No.

Company ROCKWELL PETROLEUM COMPANY
 Address P.O. BOX 86, SAND FORK, W.VA. 26430
 Farm JACK E. WEBBER, LEASE
 Tract _____ Acres 180 Lease No. _____
 Well (Farm) No. 00E Serial No. _____
 Elevation (Spirit Level) 868' NW
 Quadrangle NEW MILTON, T.5, VADIS 15'
 County BODDIDGE District NEW MILTON
 Surveyor MARK C. ECHARD
 Surveyor's Registration No. 490
 File No. _____ Drawing No. _____
 Date OCTOBER 14, 1978 Scale 1" = 500'

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

WELL LOCATION MAP
 FILE NO. DOD - 2303

+ Denotes location of well on United States Topographic Maps, scale 1 to 25,000, latitude and longitude lines being represented by border lines as shown.

-- Denotes one inch spaces on border line of original tracing.



RECEIVED

NOV 14 1978

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

WELL RECORD 2

Quadrangle New Milton 7.5'

Permit No. Dodd-2303

Rotary X Oil _____
Cable _____ Gas X
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind)

Company Rockwell Petroleum Company
Address P.O. Box 86, Sand Fork, WV 26430
Farm Jack E. Webber Acres 180
Location (waters) Tom's Fork
Well No. One Elev. 868
District New Milton County Doddridge
The surface of tract is owned in fee by _____
Jack E. Webber
Address Smithburg, WV
Mineral rights are owned by Jack E. Webber
Address Smithburg, WV
Drilling Commenced October 23, 1978
Drilling Completed November 4, 1978
Initial open flow 50,000 cu. ft. 0 bbls.
Final production 1.145M cu. ft. per day 0 bbls.
Well open 10 hrs. before test 1647 RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-10"	515	515	To surface
9 5/8			
8 5/8			
7	2--8	1260	25 sks
5 1/2			
4 1/2		5305	110 sks
3			
2			
Liners Used			

Attach copy of cementing record.

Well treatment details:

Well fractured November 10, 1978
Elk Sand - 20,000 lbs. 80/100 sand
40,000 lbs. 20/40 sand
674 Bls water
Perfs - 5201 - 5225 8 holes
Benson Sand - 10,000 lbs. 80/100 sand
20,000 lbs. 20/40 sand
450 Bls water
Perfs - 4914 - 4917 6 holes

Coal was encountered at 0 Feet _____ Inches
Fresh water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand Elk and Benson Depth 5201-5225 and 4914-4917

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Surface			0	100		
Red Rock			100	160		
Shale			160	280		
Red Rock Slate			280	348		
Shale			348	510		
Sandy Shale			510	525		
Slate			525	645		
Red Rock			645	710		
Slate			710	945		
Red Rock			945	1001		
Shale			1001	1253		
Slate			1253	1289		
Shale - Slate			1289	1481		
Red Rock			1481	1561		
Shale			1561	1610		
Sand			1610	1640		
Shale			1640	1720		
Sandy Shale			1720	1810		
Sand			1810	1844		
Shale			1844	1890		
Sand			1890	1920		
Shale			1920	1940		
Lime			1940	1960		
Slate			1960	1980		

5340
2088
3252 Exp. ft.

(over)

* Indicates Electric Log tops in the remarks section.

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Lime			-1980	2088		
Sand			2088	2105	Show Oil and Gas	
Lime			2105	2120		
Shale			2120	2228		
Sandy Shale			2228	2330	Show Gas	
Shale			2330	2425		
Sand			2425	2440		
Shale			2440	2716		
Sand			2716	2730	Show Gas	
Sandy Shale			2730	2810		
Shale			2810	2980		
Sand			2980	2995		
Sandy Shale			2995	3032		
Shale			3032	3290		
Sand			3290	3310		
Shale			3310	3350		
Sand			3350	3418		
Sandy Shale			3418	3540		
Slate - Shale			3540	4005		
Sandy Shale			4005	4050	Show Gas	
Slate			4050	4125		
Sand			4125	4154	Show Gas	
Slate - Shale			4154	4450		
Sand			4450	4490	Show Gas	
Shale - Slate			4490	4686		
Sandy Shale			4686	4714		
Shale			4714	4800		
Sandy Shale			4800	4855	Show Gas	
Slate			4855	4908		
Sand <i>Benson</i>			- 4908	4914	Show Gas	
Slate			4914	5030		
Sand			5030	5060		
Shale			5060	5200		
Sand <i>E.K. Alexander</i>			5200	5274	Show Gas	
Shale			5274	5340		
Total Depth			5340			

Date November 14 1978

APPROVED

[Signature]
Robert R. Jones

Owner

By Partner

(Title)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

RECEIVED
OCT 19 1978
OIL & GAS DIVISION
DEPT. OF MINES

TO THE DEPARTMENT OF MINES,

Charleston, W. Va.

DATE October 17, 1978

Surface Owner Jack E. Webber

Company Rockwell Petroleum Company

Address Smithburg, WV

Address P.O. Box 86, Sand Fork, WV 26430

Mineral Owner Jack E. Webber

Farm Jack E. Webber Acres 180

Address Smithburg, WV

Location (waters) Tom's Fork

Coal Owner _____

Well No. One Elevation 868'

Address _____

District New Milton County Doddridge

Coal Operator _____

Quadrangle New Milton 7.5'

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

INSPECTOR

for drilling. This permit shall expire if TO BE NOTIFIED Paul Garrett

operations have not commenced by 2-19-79

ADDRESS Clarksburg, W. Va.

Deputy Director - Oil & Gas Division

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 September 1 1978 by Stonestreet Lands Co. made to Rockwell Petroleum Co. and recorded on the 11th day of September 1978, in Doddridge County, Book 104 Page 532

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)

Well Operator

P.O. Box 86
Street

Sand Fork
City or Town

West Virginia 26430
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.

BLANKET BOND

DODD-2303 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."

47-017

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 Haught & Sons NAME Robert R. Jones
 ADDRESS Smithville, WV ADDRESS P.O. Box 86, Sand Fork, WV 26430
 TELEPHONE 477-3333 TELEPHONE 462-7389
 ESTIMATED DEPTH OF COMPLETED WELL: 5400' ROTARY X CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Devonian
 TYPE OF WELL: OIL _____ GAS X COMB. _____ STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10	600'	600'	To surface
9 - 5/8			
8 - 5/8			
7			
5 1/2			
4 1/2		5400'	110 sks Pozz
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 105 FEET _____ SALT WATER _____ FEET _____
 APPROXIMATE COAL DEPTHS _____, _____
 IS COAL BEING MINED IN THE AREA? No 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 _____ 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 _____ 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.

 For Coal Company

 Official Title