

Minimum Error of Closure 0.01 PART IN 200

Source of Elevation JCT OF ROADS 600' SOUTHEAST OF LOCATION

ELEV = 926

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. echaro
Squares: N S E W

Map No. _____

Company ROCKWELL PETROLEUM COMPANY

Address P.O. BOX 86, SANDFORK, W.VA. 26430

Farm STELLA SEVERIN LEASE

Tract _____ Acres 265.54 Lease No. _____

Well (Farm) No. 1-A Serial No. _____

Elevation (Spirit Level) 919 WC

Quadrangle NEW MILTON 7.5; VADIS 15'

County DODDRIDGE District COVE

Surveyor MARK C. ECHARO

Surveyor's Registration No. 490

File No. _____ Drawing No. _____

Date AUGUST 10, 1978 Scale 1" = 1000'

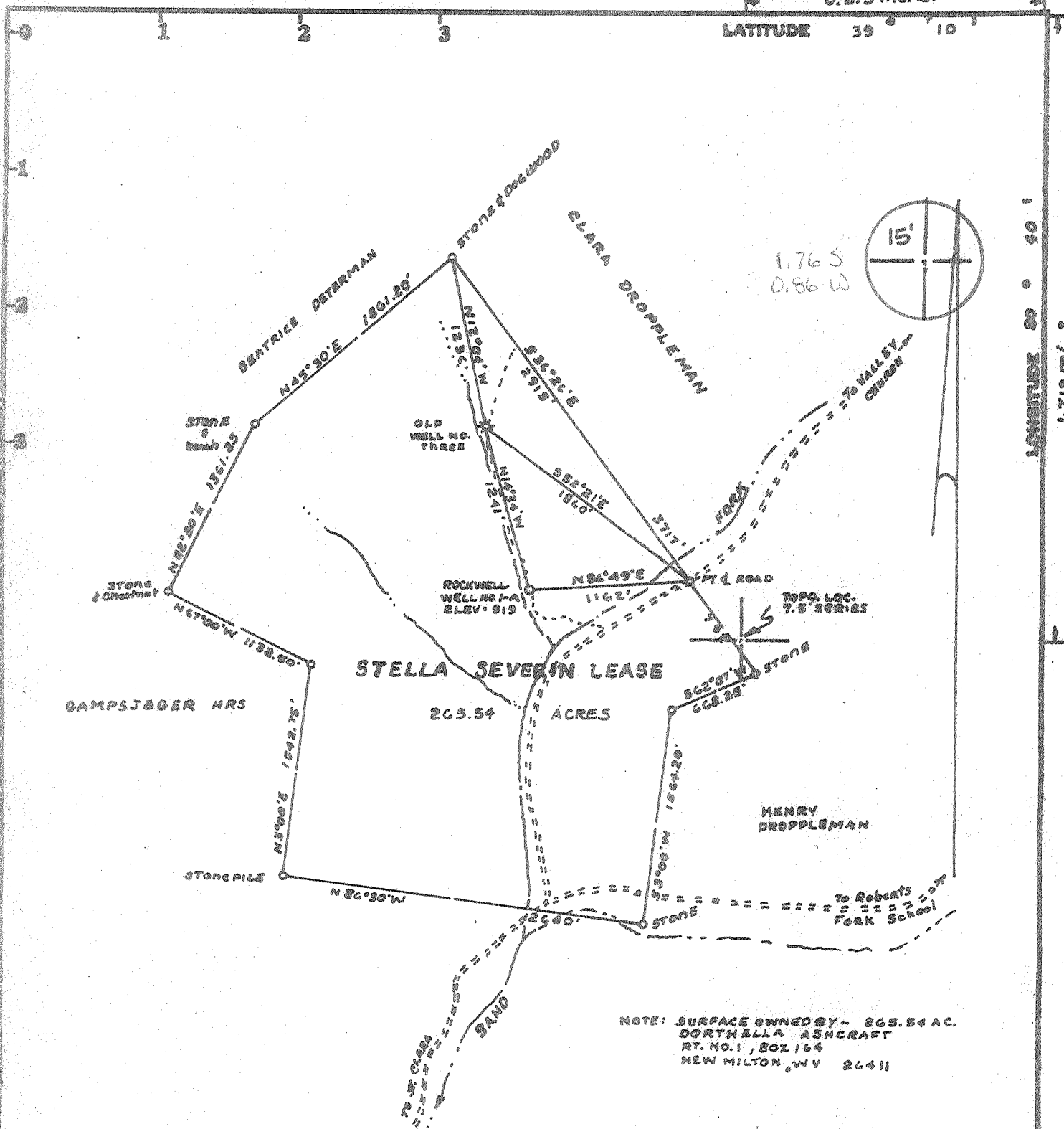
STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON

WELL LOCATION MAP
FILE NO. DODD-2285-P

+ 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.

47-017 SEP 12 1978



Minimum Error of Closure ONE PART IN 200

Source of Elevation JCT OF ROADS 600' SOUTHEAST OF LOCATION

ELEV = 926'

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..... 3/12/79

Signed: Mark C. Echard

Squares: N S E W

Company ROCKWELL PETROLEUM COMPANY

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DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON

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AUG 1 1979

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47-017

OG-10
Rev. - 9-71



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

JAN 23 1980

Oil and Gas Division
WELL RECORD

OIL & GAS DIVISION
DEPT. OF MINES

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

Quadrangle New Milton 7.5
Permit No. Dodd-2285

Company Rockwell Petroleum Co.
Address Sand Fork, W. Va.
Farm Stella Severin Acres 265
Location (waters) Sand Fork
Well No. 1-A Elev. 919
District Cove County Doddridge

The surface of tract is owned in fee by Dortheilla Ashcraft

Address Rt. #1, Box 164, New Milton, W. Va.

Mineral rights are owned by A. Ashcraft and Stella Evens Estate
Address New Milton, W. Va.

Drilling Commenced 9/1/78

Drilling Completed 9/4/78

Initial open flow _____ cu. ft. _____ bbls.

Final production Dry cu. ft. per day _____ bbls.

Well open _____ hrs. before test _____ RP.

Well treatment details:

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	240	240	to surface
7			
5 1/2			
4 1/2			
3			
2			
Liners Used			

Attach copy of cementing record.

Coal was encountered at None Feet _____ Inches _____
Fresh water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand _____ Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Soil			0	10		Log Tops from 1564 to TD
Shale			10	100		
Sand			100	150		
Shale and Sand			150	750		
Red Rock			750	850		
Sand			850	900		
Red Rock			900	950		
Shale			950	1200		
Sand			1200	1275		
Shale			1275	1450		
Sand			1450	1500		
Shale			1500	1564		
Sand			1564	1622		
Shale			1622	1760		
Sand			1760	1803		
Shale			1803	1826		
Sand			1826	1850		
Shale			1850	1948		
Limestone			1948	1966		
Shale			1966	1992		
Limestone			1992	2141		
Shale			2141	2187		
				2187		Total Depth

OG-10
Rev. - 9-71



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECORDED

MAY 10 1979

Oil and Gas Division
WELL RECORD

OIL & GAS DIVISION
DEPT. OF MINES

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

Quadrangle New Milton 7.5
Permit No. Dodd-2285

Company Rockwell Petroleum Co.
Address Sand Fork, W. Va.
Farm Stella Severin Acres 265
Location (waters) Sand Fork
Well No. 1-A Elev. 919
District Cove County Doddridge
The surface of tract is owned in fee by:
Dortheilla Ashcraft
Address Rt. #1, Box 164, New Milton, W. Va.
Mineral rights are owned by A. Ashcraft and Stella
vens Estate Address New Milton, W. Va.
Drilling Commenced 9/1/78
Drilling Completed 9/4/78
Initial open flow _____ cu. ft. _____ bbls.
Final production _____ cu. ft. per day _____ bbls.
Well open _____ hrs. before test _____ 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	240	240	to surface
7			
5 1/2			
4 1/2"			
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

To be drilled deeper

Coal was encountered at None Feet _____ Inches _____
Fresh water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand _____ Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Soil			0	10		Log Tops from 1564 to TD
Shale			10	100		
Sand			100	150		
Shale and Sand			150	750		
Red Rock			750	850		
Sand			850	900		
Red Rock			900	950		
Shale			950	1200		
Sand			1200	1275		
Shale			1275	1450		
Sand			1450	1500		
Shale			1500	1564		
Sand			1564	1622		
Shale			1622	1760		
Sand			1760	1803		
Shale			1803	1826		
Sand			1826	1850		
Shale			1850	1948		
Limestone			1948	1966		
Shale			1966	1992		
Limestone			1992	2141		
Shale <i>BI</i>			2141	2187		
				2187		Total Depth

(over)

* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

RECEIVED

AUG 30 1978

OIL & GAS DIVISION
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,

Charleston, W. Va.

DATE August 11, 1978

Surface Owner Dorthella Ashcraft

Company Rockwell Petroleum Company

Address Rt. 1, Box 164, New Milton, WV

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

Mineral Owner Arden Ashcraft & Stella

Farm Stella Severin Acres 265.54

Address New Milton

Location (waters) Sand Fork

Coal Owner None

Well No. One-A Elevation 919

Address _____

District Cove County Doddridge

Coal Operator None

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

for drilling. This permit shall expire if operations have not commenced by 12-30-78.

INSPECTOR Paul Garrett

TO BE NOTIFIED _____

ADDRESS Clarksburg, W.Va.

PHONE 622-3871

Robert S. Dill
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 June 20 1978 by John Warren made to Rockwell Petroleum and recorded on the 28th day of June 1978, in Doddridge County, Book 104 Page 254

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

Very truly yours,

(Sign Name) Rockwell Petroleum

Rockwell Petroleum

P. O. Box 86
Street

Sand Fork
City or Town

West Virginia 26430
State

Address of Well Operator

*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.

DOD-2285

PERMIT NUMBER

BLANKET BOND

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 1-8 and will carry out the specified requirements."

Signed by Rockwell Petroleum

47-017

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

PROPOSED WORK ORDER TO 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 2643
 TELEPHONE 477-3333 TELEPHONE 462-7389
 ESTIMATED DEPTH OF COMPLETED WELL: 2220' ROTARY CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Big Injun
 TYPE OF WELL: OIL _____ GAS 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			
9 - 5/8			
8 - 5/8	220	220	To surface
7			
5 1/2			
4 1/2		2200	110 sks Pozz
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 95 FEET SALT WATER _____ FEET
 APPROXIMATE COAL DEPTHS None
 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

COPY

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

AFFIDAVIT OF PLUGGING AND FILLING WELL

WELL TYPE: Oil ___ / Gas X / Liquid Injection ___ / Waste Disposal ___ /
(If "Gas", Production X / Underground storage ___ / Deep ___ / Shallow X /
LOCATION: Elevation: 919' Watershed: Sand Fork
District: Cove County: Doddridge Quadrangle: New Milton

WELL OPERATOR Rockwell Petroleum Company
Address P O Box 86
Sand Fork, WV 26430

DESIGNATED AGENT Robert R. Jones
Address P O Box 86
Sand Fork, WV 26430

STATE OF WEST VIRGINIA,)
) SS:
COUNTY OF Doddridge)

Robert R. Jones and Jack Lowther

being first duly sworn according to law, depose and say that they are experienced in the work of plugging and filling oil and gas wells; that they were employed by Rockwell Petroleum Company the well operator, and participated in the work of plugging and filling the above well; that the work was commenced on August 8, 19 79, and completed on August 8, 19 79, in the following manner:

PERMITTED WORK: Plug and abandon X / Clean out and replug ___ /

PLUGGING MATERIALS

Type of Cement	Other Materials	Depth	Thickness
	Gell	2246'	196'
Reg		2050'	100'
	Gell	1950'	1375'
Reg		675'	75'
	Gell	600'	310'
Reg		290'	75'
	Gell	215'	165'
Reg		50'	50'

Bridge Plugs Used--Type and Depth

VENT PIPE

MISCELLANEOUS MATERIALS 6% Gell

CASING LOST 8 5/8" - 240'

TYPE OF RIG:

Owner: Well Op'r ___ / Contractor X /

Rig time: 1 days plus ___ hours

COAL SEAMS (NAMES AND DEPTHS)

DESCRIPTION OF WELL MONUMENT

As required by law

Robert R. Jones (SEAL)
Jack Lowther (SEAL)

Subscribed and sworn to before me this
9th day of August, 19 79.

My commission expires April 18, 19 89.

Laura S. Cochran
Notary Public