

Minimum Error of Closure 1 in 200

Source of Elevation Well No. 1 = 1105

- Fracture.....
- New Location
- Drill Deeper.....
- Abandonment.....

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.

Signed: [Signature]
 Squares: N S E W

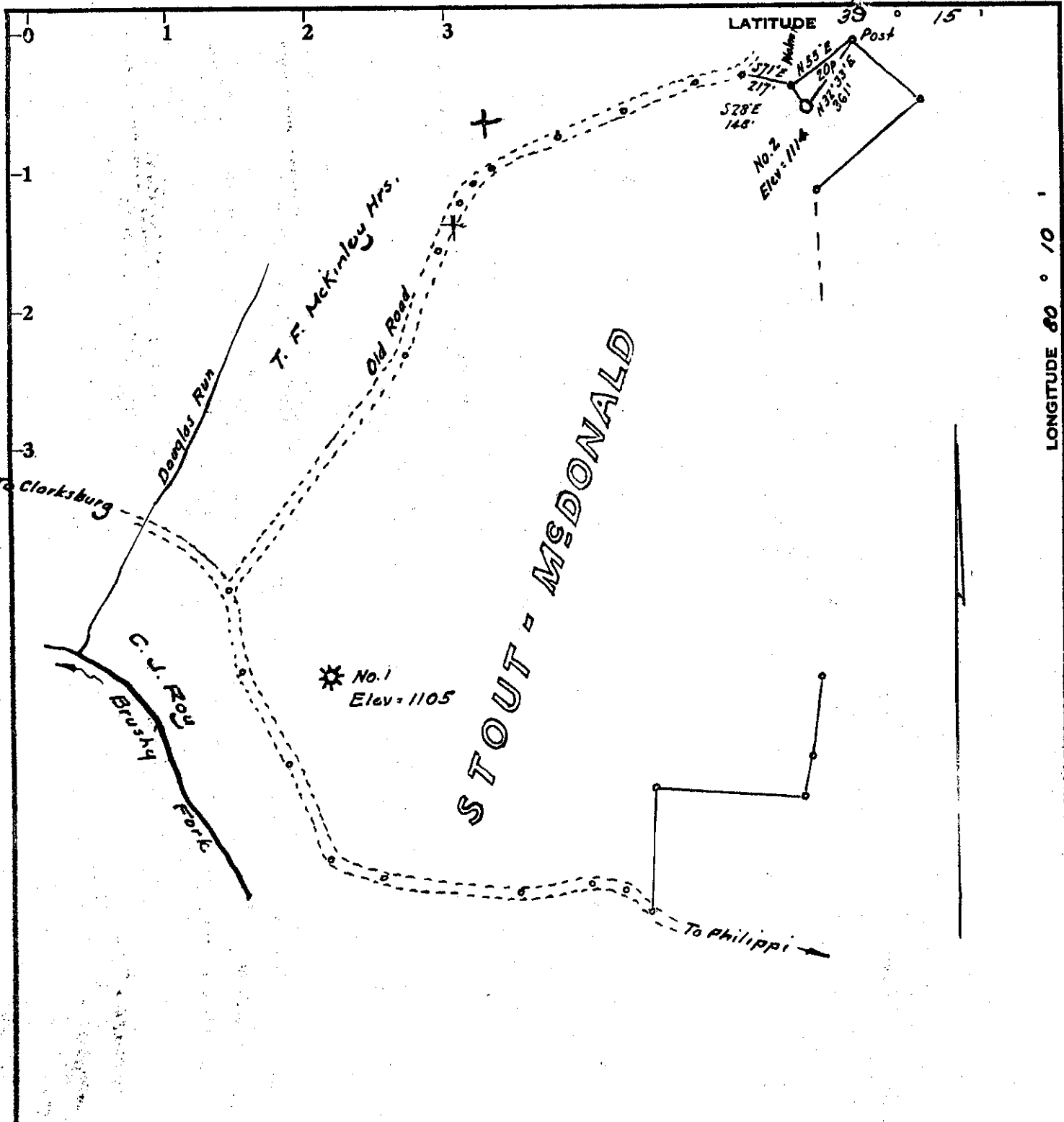
Map No. _____

Company Petroleum Dev. ~~Corp. of America~~
 Address Bridgport, W. Va.
 Farm Stout-McDonald Lease
 Tract _____ Acres 160 Lease No. _____
 Well (Farm) No. 2004 Serial No. _____
 Elevation (Spirit Level) 1114'
 Quadrangle Philippi NW
 County Harrison District Simpson
 Engineer [Signature]
 Engineer's Registration No. 1227
 File No. _____ Drawing No. _____
 Date June 5, 1971 Scale 1" = 600'

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

WELL LOCATION MAP
 FILE NO. HAR-573
 Corrected: Name of Operator
 + Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.
 - Denotes one inch spaces on border line of original tracing.

6-71-71-De.D.



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Signed: W. H. [Signature]
Squares: N S E W

Map No. _____

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 Address Bridgport, W. Va.
 Farm Stout-McDonald Lease
 Tract _____ Acres 160 Lease No. _____
 Well (Farm) No. 2004 Serial No. _____
 Elevation (Spirit Level) 1114'
 Quadrangle Philippi NW
 County Harrison District Simpson
 Engineer W. H. [Signature]
 Engineer's Registration No. 1237
 File No. _____ Drawing No. _____
 Date June 5, 1971 Scale 1" = 600'

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

WELL LOCATION MAP

FILE NO. HAB-573

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RECEIVED

JAN 14 1974

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division
WELL RECORD 3

29-15
1-1
①

Quadrangle Phillipi

Permit No. HAR-573

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

Company Petroleum Development Corporation
Address Box 26, Bridgeport, W. Va. 26330
Farm Stout McDonald Heirs Acres 160
Location (waters) Brushey Fork
Well No. 2004 Elev. 1114
District Simpson County Harrison
The surface of tract is owned in fee by Agnes Stout

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13 10"	189'	189	Cemented to surf
9 5/8			
8 5/8	1248	Pulled	
7			
5 1/2			
4 1/2	1499'	1499	Cemented 120 sk.
3			
2			
Liners Used			

Address Bridgeport, W. Va.
Mineral rights are owned by Agnes Stout
Address Rt. #1, Bridgeport, W. Va.

Drilling Commenced 6-12-71
Drilling Completed 8-6-71
Initial open flow _____ cu. ft. _____ bbls.
Final production 125M cu. ft. per day _____ bbls.
Well open _____ hrs. before test _____ RP.

Well treatment details:
Perforated 1418 - 1420 with 10 holes - Frac with 1000 gal. acid - 40,000# Sand and 40,000 gal. water
Attach copy of cementing record.

Coal was encountered at 125' - 130' 5 Feet _____ 0 Inches
Fresh water 35' - 125' Feet _____ Salt Water None Feet _____
Producing Sand Big Injun Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Soil			0	10		
Shale			10	32		
Sand			32	45		
Shale			45	118		
Sand			118	165		
Shale			165	202		
Sand			202	225		
Shale			225	290		
Lime			290	300		
Shale			300	360		
Sand			360	400		
Shale			400	505		
Lime & Shale			505	595		
Sand			595	620		
Lime & Shale			620	700		
Shale			700	870		
Sand			870	882		
Shale			882	1028		
Sand			1028	1045		
Shale & Lime			1045	1240		
Lime			1240	1258		
Shale			1258	1268		
Lime			1268	1276		

(over)

* Indicates Electric Log tops in the remarks section.

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Shale			1276	1300		
Lime - Big Lime			1300	1355		
Sand - Keener			1355	1390		
<u>Sand - Big Injun</u>			1390	1460		Show gas 1410 - 1426
Shale			1460	1550		

Date 11 1978

APPROVED [Signature], Owner

By [Signature]
(Title)