

Minimum Error of Closure 1 in 200'

Source of Elevation Elev at mouth of Eibs Camp Run = 810'

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

Map No. _____

Signed: *Michael J. [Signature]*
Squares: N S E W

Company HUGH SPENCER
 Address West Union, West Va.
 Farm Polan Heirs
 Tract _____ Acres 16.75 Lease No. _____
 Well (Farm) No. 012 Serial No. _____
 Elevation (Spirit Level) 1137'
 Quadrangle Centerpoint SW
 County Doddridge District New Milton
 Engineer *Michael J. [Signature]*
 Engineer's Registration No. 1227
 File No. _____ Drawing No. _____
 Date August 5, 1971 Scale 1" = 20 p. 230'

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

WELL LOCATION MAP

FILE NO. DOD-1640

+ 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.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

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

Quadrangle ~~DODD 2812~~

Permit No. ~~DODD 1640~~

Company High Spencer
Address West Union, W.Va.
Farm Polan Heirs Acres 16.75
Location (waters) Elbes Camp
Well No. One Elev. 1137
District New Milton County Doddridge
The surface of tract is owned in fee by Polan Heirs. % O.J. Polan
Address Selen, W.Va.
Mineral rights are owned by Same
Address "
Drilling Commenced October 1, 1971
Drilling Completed November 25, 1971
Initial open flow Not Taken cu. ft. _____ bbls.
Final production 626,000 cu. ft. per day _____ bbls.
Well open 24 hrs. before test 350 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"	15	15	
9 5/8			
8 5/8	298	298	30 Bags To Surface
7	1018		
5 1/2			
4 1/2			
3	2116	2116	40-Bags App. 400 Ft.
2			
Liners Used			

Attach copy of cementing record.

~~500-Gal. Acid, 28,000 Lbs. Sand, 600-BBL. Water~~

Coal was encountered at None Feet _____ Inches _____
Fresh water 45 Feet _____ Salt Water None Feet _____
Producing Sand Big Injun Depth 2035-2100

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Clay	Yel.	Med.	0	5		
R. Rock	Red	"	5	34		
Lime	White	Hard	34	50	Water	
R. Rock	Red	Med.	50	60		
Slate	Grey	"	60	65		
Lime	"	"	65	30		
Slate	"	"	90	90		
Lime	White	Hard	90	130		
R. Rock	Red	Med.	130	140		
Slate	Grey	"	140	175		
Lime	White	Hard	175	180		
Sand	"	"	180	200		
R. Rock	Red	Med.	200	210		
Lime	White	Hard	210	245		
R. Rock	Red	Med.	245	290		
Lime	White	Hard	290	330		
S. Shells	Grey	Med.	330	387		
R. Rock	Red	"	387	438		
Sand	White	Hard	438	480		
Slate	Grey	Med.	480	524		
Lime	White	Hard	524	645		

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OIL & GAS DIVISION
DEPT. OF MINES

(over)

* Indicates Electric Log tops in the remarks section.

JUN 15 1972

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Slate Sh.	Grey	Med	645	698		
R. Rock	Red	"	698	730		
Sand	White	"	730	750		
R. Rock	Red	"	760	780		
Slate Sh.	Grey	"	780	943		
Sand	White	Hard	943	960		
Slate	Grey	Med.	960	970		
Sand	White	Hard	970	1000		Show Gas 984-990
Slate	Grey	Soft	1000	1018		
Lime Sh.	"	Med.	1018	1023		
Slate Sh.	"	"	1023	1050		
Lime	White	Hard	1050	1075		
Slate	Black	Soft	1075	1085		
Sand	White	Hard	1085	1140		
Slate	Grey	Med.	1140	1210		
Sand	White	Hard	1210	1225		
Sl. Shells	Grey	Med.	1225	1255		
Sand	White	Hard	1255	1290		
Sl. Shells	Grey	Med.	1290	1338		
Sand	White	Hard	1338	1355		
Slate Sh.	Grey	Med	1355	1408		
Sand	White	Hard	1408	1450		
Lime	"	"	1450	1485		
Sand	"	"	1485	1570		
Slate	Grey	Med.	1570	1633		
Sand	White	Hard	1633	1650		
Lime	Grey	"	1650	1685		
Slate	Grey	Med	1685	1693		
Sand	White	Hard	1693	1705		
Lime	Black	Soft	1705	1801		
Sand	White	Med.	1801	1810		
Sand Sh.	"	Hard	1810	1825		
P. Rock	Pink	Med.	1825	1870		
Slate Sh.	Grey	"	1870	1898		
SANDLime	White	Hard	1898	1921		
Sand	"	"	1921	1958		
SAND	BLACK	Med.				
Big Lime	White	Hard	1958	1998		
Sand	"	"	1998	2029		
Slate	Black	Med.	2029	2035		
Sand	Grey	Hd.	2035	2100		
Sl.&Sh.	Black	Soft	2100	2128		

Date 3-31, 1972

APPROVED [Signature], Owner

By _____

(Title)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division

39-30
A-5-3

WELL RECORD 3

Centerpoint

Quadrangle RM. 1832

Permit No. DODD 1640

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

Company High Spencer
Address West Union, W.Va.
Farm Polan Heirs Acres 16.75
Location (waters) Ribes Camp
Well No. One Elev. 1187
District New Milton County Doddridge
The surface of tract is owned in fee by Polan Heirs. % O.J. Polan
Address Salon, W.Va.
Mineral rights are owned by Same
Address _____

Drilling Commenced October 1, 1971
Drilling Completed November 25, 1971
Initial open flow Not Taken cu. ft. _____ bbls.
Final production 696,000 cu. ft. per day _____ bbls.
Well open 24 hrs. before test 350 RP.

Well treatment details:

500-Gal. Acid, 28,000 Lbs. Sand, 600-BBL. Water.

Attach copy of cementing record.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-10"	15	15	
9 5/8			
8 5/8	298	298	30 Bags To Surface
7	1018		
5 1/2			
4 1/2	2116	2116	40-Bags App. 400 Ft.
3			
2			
Liners Used			

696 mcf

Coal was encountered at None Feet _____ Inches _____
Fresh water 45 Feet _____ Salt Water None Feet _____
Producing Sand Big Injun Depth 2035-2100

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Clay	Yel.	Med.	0	5		
R. Rock	Red	"	5	34		
Lime	White	Hard	34	50	Water	
R. Rock	Red	Med.	50	60		
Slate	Grey	"	60	65		
Lime	"	"	65	80		
Slate	"	"	80	90		
Lime	White	Hard	90	130		
R. Rock	Red	Med.	130	140		
Slate	Grey	"	140	175		
Lime	White	Hard	175	180		
Sand	"	"	180	200		
R. Rock	Red	Med.	200	210		
Lime	White	Hard	210	245		
R. Rock	Red	Med.	245	290		
Lime	White	Hard	290	330		
S. Shells	Grey	Med.	330	387		
R. Rock	Red	"	387	438		
Sand	White	Hard	438	480		
Slate	Grey	Med.	480	524		
Lime	White	Hard	524	645		

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DEPT. OF MINES

(over)

* Indicates Electric Log tops in the remarks section.

T.D. 2116

JUN 1 5 1972



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

Centerpoint - SW

WELL RECORD 3

Quadrangle DM. 1838

Permit No. DODD 1640

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

Company High Spencer
Address West Union, W.Va.
Farm Polan Heirs Acres 16.75
Location (waters) Eibes Camp
Well No. One Elev. 1137
District New Milton County Doddridge
The surface of tract is owned in fee by Polan Heirs. & O.J. Polan
Address Salon, W.Va.
Mineral rights are owned by Same
Address _____
Drilling Commenced October 1, 1971
Drilling Completed November 25, 1971
Initial open flow Not Taken cu. ft. _____ bbls.
Final production 896,000 cu. ft. per day _____ bbls.
Well open 24 hrs. before test 350 RP.
Well treatment details:
500-Gal. Acid, 28,000 Lbs. Sand, 600-BBL. Water

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up (Cu. ft. (Sks.))
Size 20-16			
Cond. 13-10"	15	15	
6 5/8			
8 5/8	298	298	30 Bags To Surface
7	1018		
5 1/2			
4 1/2	2116	2116	40-Bags App. 400 Ft.
3			
2			
Liners Used			

Attach copy of cementing record.

Coal was encountered at None Feet _____ Inches _____
Fresh water 45 Feet _____ Salt Water None Feet _____
Producing Sand Big Injun Depth 2035-2100

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Clay	Yel.	Med.	0	5	Water	
R. Rock	Red	"	5	34		
Line	White	Hard	34	50		
R. Rock	Red	Med.	50	60		
Slate	Grey	"	60	65		
Line	"	"	65	80		
Slate	"	"	80	90		
Line	White	Hard	90	130		
R. Rock	Red	Med.	130	140		
Slate	Grey	"	140	175		
Lim.	White	Hard	175	180		
Sand	"	"	180	200		
R. Rock	Red	Med.	200	210		
Line	White	Hard	210	245		
R. Rock	Red	Med.	245	290		
Line	White	Hard	290	330		
S. Shells	Grey	Med.	330	387		
R. Rock	Red	"	387	438		
Sand	White	Hard	438	480		
Slate	Grey	Med.	480	524		
Line	White	Hard	524	645		

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DEPT. OF MINES

(over)

* Indicates Electric Log tops in the remarks section.

JUN 23 1972

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Slate Sh.	Grey	Med	645	698		
R. Rock	Red	"	698	730		
Sand	White	"	730	760		
R. Rock	Red	"	760	780		
Slate Sh.	Grey	"	780	943		
Sand	White	Hard	943	960		
Slate	Grey	Med.	960	970		
Sand	White	Hard	970	1000		Show Gas 984-990
Slate	Grey	Soft	1000	1018		
Lime Sh.	"	Med.	1018	1023		
Slate Sh.	"	"	1023	1050		
Lime	White	Hard	1050	1075		
Slate	Black	Soft	1075	1085		
Sand	White	Hard	1085	1140		
Slate	Grey	Med.	1140	1210		
Sand	White	Hard	1210	1225		
Sl. Shells	Grey	Med.	1225	1255		
Sand	White	Hard	1255	1290		
Sl. Shells	Grey	Med.	1290	1338		
Sand	White	Hard	1338	1355		
Slate Sh.	Grey	Med	1355	1408		
Sand	White	Hard	1408	1450		
Lime	"	"	1450	1485		
Sand	"	"	1485	1570		
Slate	Grey	Med.	1570	1633		
Sand	White	Hard	1633	1650		
Lime	Grey	"	1650	1685		
Slate	Grey	Med	1685	1693		
Sand	White	Hard	1693	1705		
Lime	Black	Soft	1705	1801		
Sand	White	Med.	1801	1810		
Sand Sh.	"	Hard	1810	1825		
P. Rock	Pink	Med.	1825	1870		
Slate Sh.	Grey	"	1870	1898		
XXXX Lime	White	Hard	1898	1921		
Sand	"	"	1921	1958		
XXXX	XXXX	XXXX				
Big Lime	White	Hard	1958	1998		
Sand	"	"	1998	2029		
Slate	Black	Med.	2029	2035		
Sand	Grey	Hd.	2035	2100		Big Injun
Sl.&Sh.	Black	Soft	2100	2128		

Date 3-31 1922

APPROVED Shug Spencer Owner

By _____ (Title)

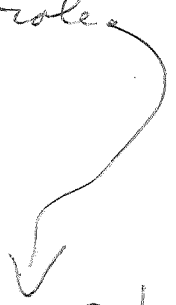
Centerpoint-sw

80° 40'

39° 20'

Ma chere Madam
La Forche Le bois :

Voici le puits de
pitrole.



+ Dod -1640

Outer tag!
Smithton-Flint-Sedalia (99)
6-6