



Minimum Error of Closure 1 in 200

Source of Elevation U.S.G.S.B.M. at Centerpoint - 790'

- 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: W. H. H. H.  
 Squares: N S E W

Map No. \_\_\_\_\_

Company McRain Petroleum  
 Address Buckhannon, W. Va.  
 Farm Isaac Smith  
 Tract \_\_\_\_\_ Acres 105.75 Lease No. \_\_\_\_\_  
 Well (Farm) No. One Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 817'  
 Quadrangle Centerpoint  
 County Doddridge District McClellan  
 Engineer W. H. H. H.  
 Engineer's Registration No. 1227  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date Jan. 27, 1972 Scale 1" = 40p = 660'

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

WELL LOCATION MAP

FILE NO. DDO - 1665

+ 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.



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STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

OIL & GAS DIVISION  
DEPT. OF MINES

Oil and Gas Division

WELL RECORD

Quadrangle Center Point N.E.

Permit No. Dodd 1665

Rotary \_\_\_\_\_ Oil \_\_\_\_\_  
Cable X Gas X NO. 1  
Recycling \_\_\_\_\_ Comb. \_\_\_\_\_  
Water Flood \_\_\_\_\_ Storage \_\_\_\_\_  
Disposal \_\_\_\_\_ (Kind)

Company McRain Petroleum Co., Inc.  
Address Box 265 Buckhannon, W. V.  
Farm Vonda Smith Acres 105.75  
Location (waters) Talkington Fork  
Well No. 102 Elev. 817  
District McClellan County Doddridge  
The surface of tract is owned in fee by Vonda Smith  
Address Center Point, West Virginia  
Mineral rights are owned by Irene Smith et al  
Address Center Point, V. Va.  
Drilling Commenced January 18, 1972  
Drilling Completed April 2, 1972  
Initial open flow \_\_\_\_\_ cu. ft. \_\_\_\_\_ bbls.  
Final production 1958 M cu. ft. per day \_\_\_\_\_ bbls.  
Well open 20 hrs. before test 440 RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			75 sacks cement
Cond. 13-10"			
9 5/8			
8 5/8			
7			
5 1/2			50 sacks cement
4 1/2			
3			
2			
Liners Used			

Well treatment details: 500 gal. acid, 30,000 # 20-40 sand, 23,000 # 10-20 Sand  
Attach copy of cementing record.

Coal was encountered at None Feet \_\_\_\_\_ Inches  
Fresh water \_\_\_\_\_ Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
Producing Sand Injun Depth \_\_\_\_\_

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Soil			0	10		
Gravel			10	15		
Red Rock			15	22		
Blue Slate			22	40		Water at 35' Hole full
Sand			40	130		
Slate			130	170		
Lime			170	185		Run 200' 10 3/4 casing cement to surface by Ready Cement Co. February 1, 1972
Slate			185	225		
Lime			225	275		
Slate			275	405		Reduce hole to 8 5/8 @ 397'
Lime			405	425		
Slate			425	475		
Lime			475	495		
Slate & Shells			495	585		Run 1389' 7" casing 3/13/72
Lime			585	625		
Slate & Shells			625	635		
Red Rock			635	670		
Slate & Shells			670	710		
Red Rock			710	723		
Slate & Shells			723	740		
Lime			740	750		
Slate & Shells			750	930		
Lime			930	995		

(over)

\* Indicates Electric Log tops in the remarks section.

Formation	Color	Hard or Soft	Top Feet $\pm$	Bottom Feet	Oil, Gas or Water	* Remarks
Sand			995	1045		
Slate			1045	1236		
Sand			1236	1280		
Slate			1280	1450		
Sand			1450	1504		
Slate & Shells			1504	1550		
Red Rock			1550	1660		
Little Lime			1660	1690		
P. Slate			1690	1705		
Big Lime			1705	1795		
<u>Injun Sand</u>			<u>1795</u>	<u>1838</u>		<u>Gas @ 1807-1828</u>
Slate			1838	1840		
<u>Sand Squaw</u>			1840	1907		
Slate			1907	1913		<u>Gas @ 1865-1877</u>
T. D.			1913			

Date May 19, 1972, 19

APPROVED McRae Petroleum Co., Inc., Owner

By Stephen E. Raines  
(Title) Vice-President