

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

Source of Elevation COTTRILL WELL - DODD-1277 ELV. 1035'

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.

Minimum accuracy, one part in 200

Company SPENCER-JACKSON GAS CO.  
 Address Box 351 CLARKSBURG, W.VA.  
 Farm HARMAN SMITH et. al.  
 Tract \_\_\_\_\_ Acres 106 Lease No. \_\_\_\_\_  
 Well (Farm) No. 3 Serial No. 2  
 Elevation (Spirit Level) 851'  
 Quadrangle WEST UNION-SC0E3  
 County DODDRIDGE District CENTRAL  
 Engineer Jamieson  
 Engineer's Registration No. 1084  
 File No. 210/42 Drawing No. \_\_\_\_\_  
 Date 11-16-66 Scale 1" = 500'

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

**WELL LOCATION MAP**  
 FILE NO. Dodd-1422

+ 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.

DATE 11-16-66

66 89



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION 3

Rotary   
Spudder   
Cable Tools   
Storage   
Oil or Gas Well  **Oil & Gas**  
(KIND)

Quadrangle.....  
Permit No. **DOD-1422 -REV.**

**WELL RECORD**

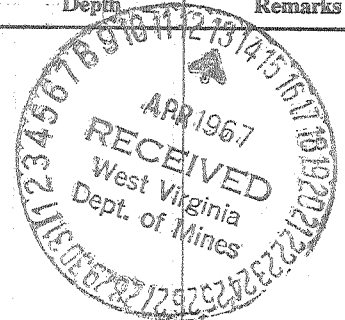
Company **Spencer-Jackson Gas Company**  
Address **P. O. Box 351, Clarksburg, W. Va.**  
Farm **Herman H. Smith** Acres **106**  
Location (waters).....  
Well No. **Two (2)** Elev. **851**  
District **Central** County **Doddridge**  
The surface of tract is owned in fee by **Herman H. Smith**  
**203 Freeman Ave. Address West Union, W. Va.**  
Mineral rights are owned by **Herman H. Smith, et al**  
**203 Freeman Ave. Address West Union, W. Va.**  
Drilling commenced **February 24, 1967**  
Drilling completed **March 28, 1967**  
Date Shot..... From..... To.....  
With.....  
Open Flow /10ths Water in..... Inch  
/10ths Merc. in..... Inch  
Volume **Show** Cu. Ft.  
Rock Pressure **Not Taken** lbs. hrs.  
Oil **Show** bbls., 1st 24 hrs.  
WELL ACIDIZED (DETAILS).....  
WELL FRACTURED (DETAILS) **800 Bbls. Hot Water, 40,000 Lbs. Sand and 500 Gal. Mud Acid**

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16	20	20	
13			
10	123	None	Size of
8 1/4	569	None	
6 3/4	1025	1025	Depth set
4 1/2	1993	1993	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Attach copy of cementing record.  
CASING CEMENTED **Yes** SIZE **4 1/2"** No. Ft. **400** Date  
Amount of cement used (bags).....  
Name of Service Co. **Garatan Cement Co. 3-29-67**  
COAL WAS ENCOUNTERED AT **None** FEET INCHES  
FEET INCHES FEET INCHES  
FEET INCHES FEET INCHES

RESULT AFTER TREATMENT (Initial open Flow or bbls.) **10 Bbls. Oil and 100,000 Cu.Ft. Gas**  
ROCK PRESSURE AFTER TREATMENT **350** HOURS **12 Hrs.**  
Fresh Water **30** Feet Salt Water **465** Feet  
Producing Sand **Big Injun** Depth.....

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Top Soil			0	6			
Red Rock			6	11			
Lime			11	15			
Red Rock			15	25			
Sandy Lime			25	30			
Slate & Shells			30	85			
Lime			85	100			
Sand			100	115			
Red Rock			115	128			
Slate & Shells			128	150			
Red Rock			150	160			
Lime			160	170			
Red Rock			170	190			
Lime			190	210			
Red Rock			210	240			
Broken Lime			240	250			
Red Rock			250	280			
Sand			280	310			
Red Rock			310	395			
Sand			395	465			
Slate & Shells			465	480			
Sand			480	490			
Slate & Shells			490	547			
Lime			547	630			
Sand			630	645			
Slate & Shells			645	707			
Red Rock			707	770			
Lime			770	780			



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate & Shells			780	815			
Sand			815	850			
Slate & Shells			850	875			
Pink Rock			875	900			
Red Rock			900	950			
Slate & Shells			950	1020			
Sand			1020	1033			
Slate & Shells			1033	1060			
Sand			1060	1083			
Lime			1083	1196			
Sand			1196	1250			
Lime			1250	1262			
Sand			1262	1275			
Slate & Shells			1275	1310			
Sand			1310	1330			
Slate & Shells			1330	1380			
Sand			1380	1452			
Slate & Shells			1452	1524			
Sand			1524	1555			
Slate & Shells			1555	1585			
Sand			1585	1635			
Lime			1635	1665			
Slate & Shells			1665	1737			
Little Lime			1737	1755			
Slate & Pencil Cave			1755	1775			
Big Lime			1775	1880			
Injun Sand			1880	1962	Show of Oil	1880 - 1884	
Slate & Shells			1962	1993	Show of Oil	1918 - 1928	
Total Depth			1993		Show of Gas	1933	
					Oil	1950 - 1955	

Date April 12, 19 67

APPROVED Spencer-Jackson Gas Company, Owner

By Wes Jackson  
(Title) Owner