

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

Source of Elevation WELL #7069, ELV. 925'

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 DODDRIDGE GAS N° 22

Address CLARKSBURG, W. VA.

Farm J. W. SMITH

Tract _____ Acres 486 Lease No. _____

Well (Farm) No. 1-Dod 22 Serial No. 22

Elevation (Spirit Level) 1018

Quadrangle HOLBROOK NE 12-5

County DODDRIDGE District WEST UNION

Engineer James H. Hoffman

Engineer's Registration No. 1084

File No. 215/132 Drawing No. _____

Date 4-19-69 Scale 1" = 500'

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

WELL LOCATION MAP
FILE NO. DOD-1555

+ 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 /

- Rotary
- Spudder
- Cable Tools
- Storage

Quadrangle
Dod-
Permit No. 1555

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company Doddridge Gas No. 22
Address P.O. Box 351, Clarksburg, W. Va.
Farm J. W. Smith Acres 4.86
Location (waters) Arnolds Creek
Well No. Dod-22-1 Elev. 1018
District West Union County Doddridge
The surface of tract is owned in fee by Edward H. Haught
P.O. Box 1182 Address Atty-in-Fact
Pennsboro, W. Va.
Mineral rights are owned by Same
Address _____

Drilling commenced May 21, 1969
Drilling completed June 19, 1969
Date Shot _____ From _____ To _____
With _____

Open Flow 10ths Water in _____ Inch
10ths Merc. in _____ Inch

Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.

WELL ACIDIZED (DETAILS) _____

WELL FRACTURED (DETAILS) Water Fracture

RESULT AFTER TREATMENT (Initial open Flow or bbls.) 66/10th - 2" W. - 343,000

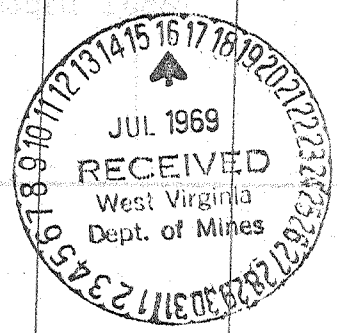
ROCK PRESSURE AFTER TREATMENT 24 HOURS 195 lbs. 34.3 MCF

Fresh Water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand Big Injun Depth _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size 20" 16X	16 Ft.	16 Ft.	Kind of Packer
13			
10	230 Ft.	None	Size of
8 1/4	1000 "	None	Depth set
6 5/8			
5 3/16			
4 1/2	1978 Ft.	1978	
3			Perf. top <u>1908</u>
2			Perf. bottom <u>1930</u>
Liners Used			Perf. top _____ Perf. bottom _____

Attach copy of cementing record.
CASING CEMENTED 4" SIZE 375 Ft. No. Ft. 6/23/69 Date
Amount of cement used (bags) 75 Bags
Name of Service Co. Garatan Service
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

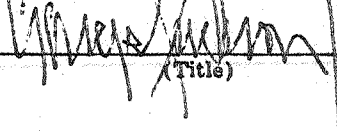
Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Top Soil			0	6			
Red Rock			6	8			
Lime			8	15			
Slate & Shells			15	19			
Lime			19	57			
Red Rock			57	76			
Sand			76	80			
Shale			80	90			
Red Rock			90	120			
Lime			120	135			
Red Rock			135	144			
Lime			144	158			
Red Rock			158	168			
Lime			168	175			
Red Rock			175	191			
Lime			191	220			
Lime & Shells			220	225			
Slate & Shells			225	230			
Lime			230	235			
Slate & Shells			235	241			
and			241	252			
Britty Lime			252	259			
pink Lime			259	265			
Red Rock			265	340			
and			340	370			
Slate & Shells			370	382			
Lime			382	395			
and			395	420			



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate & Shells			420	453			
Lime			453	456			
Slate			456	463			
Gritty Lime			463	480			
Slate & Shells			480	500			
Lime			500	517			
Red Rock			517	524			
Lime			524	542			
Lime Shells			542	548			
Lime			548	560			
Slate & Shells			560	607			
Lime			607	620			
Red Rock			620	645			
Lime			645	685			
Red Rock			685	700			
Lime			700	760			
Sand			760	822			
Lime			822	830			
Red Rock			830	845			
Lime			845	865			
Red Rock			865	880			
Lime			880	890			
Red Rock			890	900			
Slate			900	930			
Broken Lime			930	960	Show of oil at 963 to 973		
Sand			960	998			
Lime Shells			998	1005			
Lime			1005	1020			
Gritty Lime			1020	1060			
Slate & Shells			1060	1114			
Lime			1114	1180			
Sand			1180	1225			
Lime Shells			1225	1285			
Sand			1285	1320			
Broken Lime Shells			1320	1352			
Gritty Lime			1352	1364			
Sand			1364	1383			
Black Slate			1383	1400			
Lime			1400	1453			
Slate & Shells			1453	1504			
Sand			1504	1530			
Lime Shells			1530	1540			
Gritty Lime			1540	1554			
Black Shale			1554	1560			
Lime Shells			1560	1565			
Slate & Shells			1565	1585			
Slate			1585	1610			
Slate & Shells			1610	1630			
Lime			1630	1675			
Slate			1675	1680			
Sand			1680	1692			
Slate & Shells			1692	1710	Gas at 1746		
Slate			1710	1736	Gas at 1764 to 1771		
Lime	Big Lime		1736	1873			
Sand	Injun		1873	1895			
Lime			1895	1900			
Sand			1900	1945			
Shale			1945	1965			
Lime Shells			1965	1978			
		Total Depth		1978			

Date July 15, 1969

APPROVED DODDRIDGE GAS NO. 22, Owner

By  (Title)