

Company **OIL DEVELOPMENT CO.**  
 Address **John L. Cannon, 13111 Shaker Sq., Cleveland, 20, Ohio.**  
 Farm **Eli Nutter**  
 Tract \_\_\_\_\_ Acres **84.0** Lease No. \_\_\_\_\_  
 Well (Farm) No. **Three** Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) **873'**  
 Quadrangle **Holbrook NE**  
 County **Doddridge** District **Southwest**  
 Engineer *[Signature]*  
 Engineer's Registration No. **1227**  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date **October 1961** Scale **1" = 500'**

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

**WELL LOCATION MAP**  
 FILE NO. **Dod-649**

+ 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 3

Quadrangle Holbrook

Permit No. DOD 649

WELL RECORD

Oil or Gas Well Gas  
(KIND)

Company Oil Development Co  
Address 13111 Shaker Square Cleveland 20 Ohio  
Farm Eli Nutter Acres 84

Location (waters) \_\_\_\_\_  
Well No. 1 (3) Elev. 873  
District South west County Doddridge

The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_

Mineral rights are owned by \_\_\_\_\_  
Address \_\_\_\_\_

Drilling commenced January 27, 1962  
Drilling completed February 21, 1962

Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_

Open Flow 145/10ths Water in \_\_\_\_\_ 1" Inch  
\_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch

Volume 212,000 Natural Cu. Ft.

Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.

Oil \_\_\_\_\_ bbls., 1st 24 hrs.

WELL ACIDIZED \_\_\_\_\_

WELL FRACTURED with 900 bbls of water and 25 000 lbs of sand Feb 27, 1962  
Casing was perforated with 8 holes in each zone

RESULT AFTER TREATMENT 900,000 cu ft

ROCK PRESSURE AFTER TREATMENT 585 psi - 24 hrs.

Fresh Water \_\_\_\_\_ Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
18	<u>Wood</u>	<u>13 1/2</u>	
10	<u>407</u>	<u>13 1/2</u>	Size of
8 3/4	<u>934</u>		
6 3/4			Depth set
5 3/16	<u>1,829</u>	<u>1,829</u>	
3			Perf. top <u>1748</u>
2			Perf. bottom <u>1750</u>
Liners Used			Perf. top <u>1754</u>
			Perf. bottom <u>1756</u>

CASING CEMENTED 5 1/2" SIZE 300 No. Ft. 2/26/62 Date

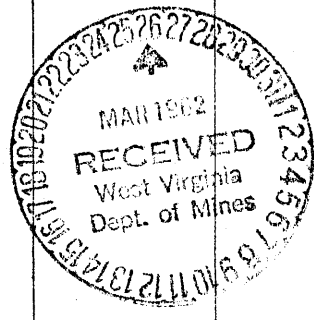
70 sacks of cement and 4 of jel ✓

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
Clay			0	10			
Lime	<u>Blue</u>		10	20			
Slate			20	25			
Sand			25	50			
Slate			50	60	<u>Water</u>	<u>55</u>	
Rock	<u>Red</u>		60	115			
Slate			115	127			
Rock	<u>Red</u>		127	140			
Slate + shells			140	215			
Rock	<u>Red</u>		215	225			
Slate			225	230			
Sand			230	255			
Slate			255	280			
Lime			280	305			
Slate + shells			305	350			
Sand			350	365			
Slate + shells			365	425			
Rock	<u>Red</u>		425	440			
Slate + shells			440	470			
Lime	<u>Red</u>		470	495			
Slate			495	505			
Rock	<u>Red</u>		505	525			
Lime			525	540			
Rock			540	555			
Slate + shells			555	620			
Rock	<u>Red</u>		620	635			
Lime			635	650			
Rock	<u>Red</u>		650	660			
Slate			660	665			



Formation	Color	Hard or Soft	Top 3	Bottom	Oil, Gas or Water	Depth Found	Remarks
Lime Rock	Red		665	675			
Slate			675	685			
Sand			685	750			
Slate + shells			750	787			
Lime			787	805			
Slate			805	830			
Sand			830	840			
Slate + shells			840	865			
Sand			865	902			
Slate			902	923			
Sand			923	931			
Slate + shells			931	1009			
Gas sand			1009	1042			
Slate			1042	1150			
Sand			1150	1225			
Slate			1225	1245			
Salt sand			1245	1268			
Slate	black		1268	1340			
Sand			1340	1370			
Slate	black		1370	1420			
Sand			1420	1435			
Slate + shells			1435	1485			
Lime			1485	1565			
Sand			1565	1585			
Slate			1585	1597	Gas	1592	
Lime			1597	1602			
Sand			1602	1675			
break			1675	1716	Bubble gas	1705	
Sand			1716	1722			
Slate			1722	1757	Gas	1729-1746	1746 tested
Total Depth			1757	1829	Gas	1756-1760	110/10 W 9 "
							Gas 1756 145/10 W 9 "
							212,000 cu ft natural

Date \_\_\_\_\_, 19\_\_\_\_

APPROVED \_\_\_\_\_, Owner

By \_\_\_\_\_ (Title)