



INCO 3 INC.,
 Company OIL & GAS Co. C.F. MICHALS - AGT.
 Address P.O. Box 215, WEST UNION, W.VA.
 Farm RALPH LEGGETT
 Tract 1 Acres 107 Lease No. _____
 Well (Farm) No. 2 Serial No. _____
 Elevation (Spirit Level) 941'
 Quadrangle HOLBROOK NC
 County DODDRIDGE District CENTRAL
 Engineer Parker E. Peters
 Field - W. P. Ireland
 Engineer's Registration No. 485
 File No. _____ Drawing No. _____
 Date SEPT. 13, 1960 Scale 1" = 30P.

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

WELL LOCATION MAP
 FILE NO. D-466

+ 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.

6-6 30



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

Quadrangle Holbrook

WELL RECORD

Permit No. DOD 466 Revised

Oil or Gas Well Both
(KIND)

Company Donald G. Michels
Address West Union, W.Va.
Farm Ralph Leggett Acres 107
Location (waters) Cabin Run
Well No. 2 Elev. 941'
District Central County Doddridge
The surface of tract is owned in fee by Ralph Leggett and wife
Address West Union, W.Va.
Mineral rights are owned by Same
Address _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer _____
16			
13	21'	21'	Size of _____
10			Depth set _____
8 1/4			
6 3/4			
5 3/16	1970'	1970'	Perf. top _____
3			Perf. bottom _____
2			Perf. top _____
Liners Used	150'	150'	Perf. bottom _____

Drilling commenced November 1, 1960
Drilling completed December 23, 1960
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume Unknown Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil Two bbls., 1st 24 hrs.
WELL ACIDIZED _____

CASING CEMENTED Yes SIZE 5 3/16 No. Ft. 1978' Date November 16, 1960
15 sks. Cement - 6 sks. Aquagel - Garaton Service
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

WELL FRACTURED December 12, 1960

RESULT AFTER TREATMENT Started producing small amount of oil and gas
ROCK PRESSURE AFTER TREATMENT 275 - 24 lbs.
Fresh Water _____ Feet _____ Salt Water _____ Feet _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Soil			0	15			
R. Rock			15	25			
S. Shells			25	60			
Sand			60	85			
R. Rock			85	105			
Slate & shells			105	135			
Sand			135	160			
Lime			160	187			
Slate & shells			187	210			
R. Rock			210	220			
B. Slate			220	230			
Slate & shells			230	240			
Lime			240	302			
Slate & Lime shells			302	400			
Slate			400	440			
Red Lime			440	520			
Slate			520	530			
R. Rock			530	605			
Sand			605	635			
Slate			635	660			
Lime			660	675			
Slate			675	680			
Lime			680	720			
Slate & shells			720	735			
Lime			735	750			
Slate	gray		750	765			
Lime			765	825			
R. Rock			825	865			
Lime			865	885			

Formation	Color	Hard or Soft	Top /	Bottom	Oil, Gas or Water	Depth Found	Remarks
Red Rock			885	890			
Lime			890	955			
R. Rock			955	970			
Lime			970	1010			
Slate			1010	1020			
Lime			1020	1040			
Pink r.			1040	1050			
Lime			1050	1070			
R. Rock			1070	1080			
B. Slate			1080	1095			
Gritty lime			1095	1130			
Sand			1130	1150			
Slate	gray		1150	1160			
Lime			1160	1170			
B. Slate			1170	1190			
Lime			1190	1200			
Slate	gray	xx	1200	1208			
Lime			1208	1240			
Slate			1240	1255			
Lime			1255	1320			
Slate	gray		1320	1330			
B. Slate			1330	1340			
Lime			1340	1360			
Sand			1360	1405			
Slate	gray		1405	1420			
Lime			1420	1430			
Slate	gray		1430	1455			
Lime	white		1445	1485			
Gritty lime			1485	1505			
1st. Sand			1505	1585	water	1505	
Slate			1585	1600			
Sand			1600	1655			
Slate			1655	1660			
Sand			1660	1765			
Black slate shells			1765	1830			
M. sand & lime			1830	1872			
Lime	black		1872	1885			
Gray slate & shells			1885	1895	show gas	2082-2085	
Red rock			1895	1900			
Lime			1900	1930			
Pencil cave			1930	1934			
Lime			1934	1972			
Slate			1972	1977			
Lime			1977	2074			
Sand			2074	2090	show oil	2008-2010	
Slate			2090	2125			

Date June 8, 19 61

APPROVED Donald G. Michels, Owner

By _____ (Title)