

Doddridge 1928
 Smithburg 7.5' quad
 Centerpoint SW

HOPE NATURAL GAS COMPANY.

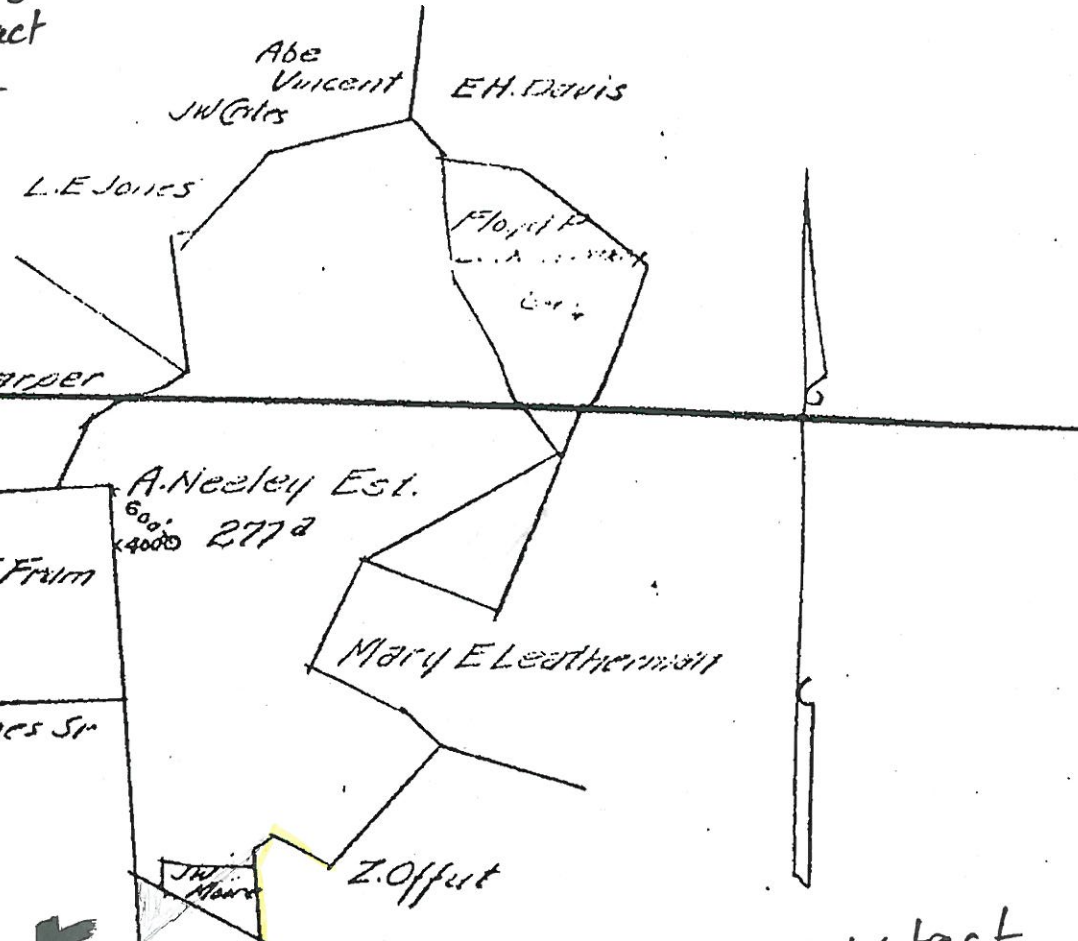
LOCATION FOR WELL No. 1843 - 01928

Salem DISTRICT
On Alfred Neely Farm, on waters of Middle Fork of Cheat River
District Doddridge County, West Virginia.
Lease No. 17953 Acres 300 N. 11 E. W. 5
Scale, one inch equals 80 Feet Sent to ...
Location to be 400 feet from Martha E. Frum line and 600 feet from Martha E. Frum corner.

- Note: 01928 is not on subject tract by way of comparing well plat + surface tract 01928 is south of the 82 ac orig tract - FAB

017-1928

- This well should not be on subject tracts on ARC MAP



- it is the Neely tract south of subject parcels

RESERVE One hundred feet around the dwelling house

SPECIAL INSTRUCTIONS Same lease on which well No. 1419 was drilled

Location made 5/27/10 by D.B. Rang As per plat, except as noted. On field map... 5/27/10 Returned to Pittsburgh 5/27/10

Location changed on account of

Authorized by Date Signed

Well No. 1248
 District West Dodgebridge County 27. 27.
 Location made May 27, 1910 First work done May 27, 1910
 Commenced June 23, 1910 Rig Completed June 30, 1910
 Drilling Commenced July 9, 1910 Drilling Completed Aug. 1, 1910
 Contractor Hope Nat Gas Co. (Drilling Contractor J. W. Williams)
 Drillers Arthur Howler - Howard - Nelson - ...
 Dressers James Law - J. A. Slike - William Williams

FORMATION	TOP	BOTTOM	Steel Line Measurements	Water Found Depth	Gas or Oil Depth Found	REMARKS
Live Coal	150	153				
Pittsburgh Coal	424	430	424			
Dunkard	752	785		970		
Sand	1080	1133				
Salt	1250	1295				
Second Salt	1310	1415	1310			3rd Salt Sand 1445-1534
Iron	1550	1578	1345			1945-1553 = 1% Water: 2" Opening
Blue Lime	1709	1721	1352			Blue Muddy 1736-1783
Concave	1725	1735	1415			
Lime	1783	1827	1550			1760 = 6% Water: 2" Opening
Injun	1827	1897	1578			1829-1865 = 1% " : 6% "
Law			1753			
rea			1760			
ntz			1827			
ty Foot			1897			
ty Foot						
rdon Stray						
rdon						
TOTAL DEPTH		1929	1929			

3rd Salt Sand 1445-1534
 1945-1553 = 1% Water: 2" Opening
 Blue Muddy 1736-1783
 1760 = 6% Water: 2" Opening
 1829-1865 = 1% " : 6% "
 -01928

CASING RECORD										PACKER RECORD				
Charged to Well		Put in Well		Pulled Out		Left in Well		Transferred before Completing		Left at Well Not in Use		Size	Kind	Feet
Foot	In.	Foot	In.	Foot	In.	Foot	In.	Foot	In.	Foot	In.			
422	-	190	-	190	-	-	-	-	-	422	-			
1371	3	924	-	-	-	924	-	-	-	447	3	1-8 1/2	McKey Shoe	924
1917	2	1800	-	-	-	1800	-	-	-	117	2	6 1/2	...	

...if 10" casing cemented, so state, and at what depth Not Cemented
 Tubed note size and amount of tubing Not Tubed
 more than two strings of casing are left in hole give reasons for leaving additional strings

ENTERED
 SEP 29 1910
 WELL BOOK
 LEASE RECORD
 LEASE DOCKET
 WALL MAP
 LIVE MAP
 LOCATION BOOK
 CONTRACTOR'S PLAT
 CONTRACTOR
 TITLE

Approved by
J. Williams

Steel line measurements should be made of Top and Bottom of Pittsburgh and all the principal sands.
 Under Remarks note if any of principal sands are not found and if any peculiarities in sands, as looser or harder than ordinary, etc.
 If any coal other than native or Pittsburgh be found, give steel line measurements of Top and Bottom and nature of coal.
 Note if water found is fresh or salt.

1843
B-2
017-1428
- 01928

Waddell
May 27, 1910
May 27, 1910
Aug 1, 1910
J.H. Williams
Aug 6, 1910
Aug 6, 1910

RECORD

FORMATION	TOP	BOTTOM	OIL AT	GAS AT	WATER AT
Pittsburgh Co	424	430			
Dunkard Sand	922	985			
Salt Sand	1250	1415			970
Mason Sand	1558	1578	1345-57		
Blue Monday	1732	1747		1760	1729-65
Injun Sand					
Seron Sand					
Genta Sand					
Fifty Foot Sand					
Thirty Foot Sand					
Stray Sand					
Gordon Sand					
Fourth Sand					
Fifth Sand					
Bayard Sand					

DISTRICT

CASING AND TUBING

SIZE	PUT IN WELL	PULLED	CEMENTED
18 in. Casing			Date
10 in. Casing	190'	190'	Disc Casing
8 in. Casing	924'	924'	Top
8 in. Casing	1800'		Bottom
8 in. Casing			
7 in. Tubing	1935' 4"	1916	
4 1/2 in. Tubing	1910'		
in. Tubing			

SHOOTING

DATE	QTS.	BAND	VOLUME BEFORE	VOLUME AFTER
11-15-62	Free	Injun	8001	1,20571

Total Depth **1929**
 Nov 1910 11-23-62

VOLUME AND PRESSURE TESTS

DATE TAKEN	READING	LIQUID	OPENING	POUNDS PRESSURE	1 MIN.	5 MIN.	10 MIN.	30 MIN.	60 MIN.	ROCK	VOLUME	BAND	SIZE	MAKE	SET AT
July 27 1910	17/10	Oil	2"								164,160	Salt	8 1/4"	Shoe	924
" 26 "	60/10	"	2"								368,640	"	"	"	"
" 30 "	12/10	"	6 1/8"		40	140	200	285	350		1,784,640	Injun	6 X 8	A.	1748
Aug 2 "	54/10	"	4"								1,350,000	"	"	"	Pulled 1729
Sept 14 1911	20/10	M.	2"		105	170	193	210	215	230	786,720	"	"	"	"
Oct 2 "	5/10	"	1 1/2"		10	52	77	88	95	105	75,650	"	"	"	"
Feb 19 1931	54/10	"	1 1/2" FM		10	48	66	65	90	105	124,607	"	"	"	"
Apr 11 1935	54/10	Oil	1 1/2" FM		15	40	51	70			88,400	"	"	"	"
Mar 4 1940	90/10	"	1" FM								65,800	"	"	"	"
Apr 10 1941	54/10	Misc.	1" FM								63,070	"	"	"	"
Apr 8 1943	64/10	"	1 1/2" FM								55,500	"	"	"	"
May 15 1945	30/10	Water	1" FM								41,222	"	"	"	"
Oct 30 1962	26/10	Misc	7/8" FM								79,900	"	"	"	"
Nov 21 62	60/10	Misc	2" OF								1,205,000	"	"	"	"

Special
 When Started C.O.
 10 55 98 115 120 (244) 120

Gamma Ray - Neutron - Collar Log - 11-7-62
 Collar Log - Collar Log 7-14-62

INITIAL OIL PRODUCTION

DATE	BARRELS	BAND

5 of 11

Record of *W. H. Williams*
 No. *1848*
 Location made on *Krant* District *Dadebridge* County *W. Va.*
 Commenced *May 27, 1910* First work done *May 27, 1910*
 Drilling Completed *June 20, 1910*
 Rig Completed *June 20, 1910*
 Contractor *W. H. Williams*
 Drilling Contractor *J. H. Williams*
 Owners *Arthur Dowler - O. W. Howard - J. H. Williams*
 Drill Dressers *James Saw - J. A. Stike - William Williams*

FORMATION	TOP	BOTTOM	Steel Line Measurements	Water Found Depth	Gas or Oil Depth Found	REMARKS
Live Coal	150	153				
Pittsburgh Coal	424	430	424			
Blue Dunkard						
Blue Sand	722	785		970		
Blue Sand	1080	1139				
Blue Sand	1250	1295				
Blue Sand	1310	1415	1310			
Blue Sand	1550	1578	1945			
Blue Sand	1709	1721	1852			
Blue Sand	1725	1735	1415			
Blue Sand	1783	1827	1550			
Blue Sand	1827	1897	1578			
Blue Sand			1753			
Blue Sand			1760			
Blue Sand			1827			
Blue Sand			1897			

3rd Self Sand 1445-1625
1345-1558 = 17% Water: 2" opening
146 Mcf
Blue Muddy 1736-1765
1760 = 327 Mcf
1829-1865 = 10% Water: 2" opening
1865 " " 6 1/2 " "

TOTAL DEPTH *1929 1929* CASING RECORD

Size	Charged to Well		Put in Well		Pulled Out		Left in Well		Transferred before Compting		Left at Well		Date	Remarks
	Foot	In.	Foot	In.	Foot	In.	Foot	In.	Foot	In.	Foot	In.		
10"	422	-	190	-	190	-	-	-	-	-	422	-		
8"	1371	3	924	-	-	-	924	-	-	-	447	3		
6"	1917	2	1800	-	-	-	1800	-	-	-	117	2		

Note: If 10" casing cemented, so state, and at what depth *Not Cemented*
 If tubed note size and amount of tubing *Not Tubed*
 If more than two strings of casing are left in hole give reasons for leaving additional strings

W. H. WILLIAMS
 1822 W. 10th St.
 Dadebridge, W. Va.
 CONTRACTOR

Steel line measurements should be made of Top and Bottom of Pittsburgh Coal and all the principal sands.
 Under Remarks note if any of principal sands are not found and if any peculiar ties in sands, as looser or harder than ordinary, etc.
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 Note if water found be fresh or salt.

Approved by *J. H. Williams*