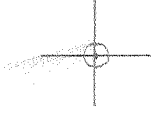


LATITUDE 37° 55' 00"

LONGITUDE 82° 17' 30"



7'5 OGIS topo location

7.5' 10c 1.02s 15' 10c _____
1.36w (calc.) _____

Far _____

WELL LOCATION MAP

File No. 059-0889

Quad WILSONDALE 7 1/2'

County MINGO

District HARVEY

DEEP WELL

Lease No. 34706

Map Square 24-27

UNITED FUEL GAS COMPANY

WELL LOCATION Branchland FIELD _____
 #5 Well No. 4458 H. Obsterman Farm; 3920 Acres. On Jennies CK
Warfield Dist. Mingo Co. W. Va State _____

Scale 1" = 1320'

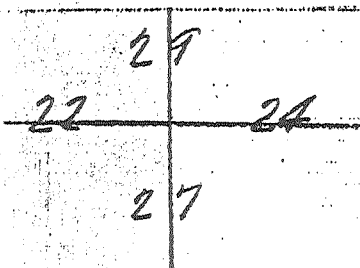
drilled
 Location made by Aleen O. & G. Co. Date Mar. 1924, 193____

Elevation _____ Note Book _____ Page _____ No buildings within _____ feet

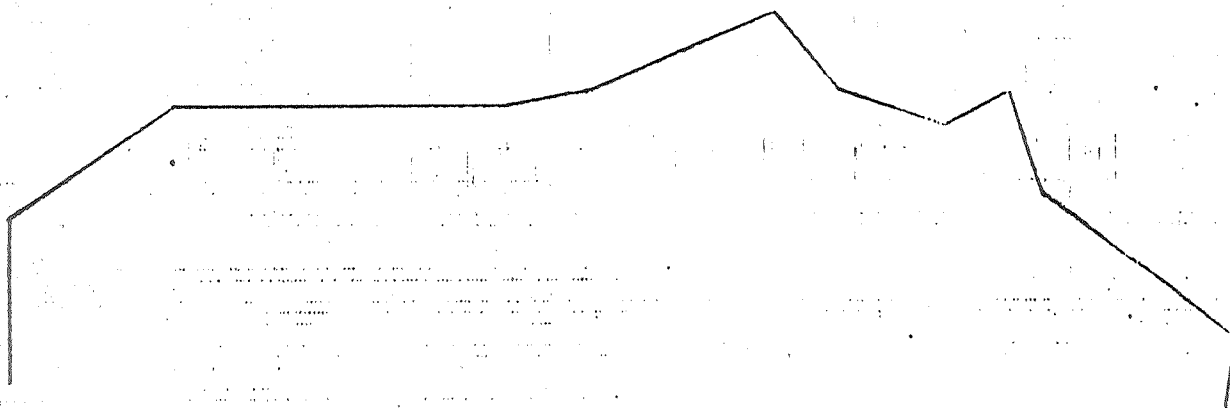
Purchased from Old Colony O. & G. Co. Sept. 12, 1930

Formerly F 5870

Latitude 37° 54' 7"
Longitude 82° 18' 59"



☀ 4458



Mingo-889

ENTERED
A. H. D.

Approved: _____, 193____, Engineer
 Approved: _____, 193____, President

059 - A

059 80001 → 889

889

628

MINGO COUNTY, W. VA., WELL RECORDS

Henry Closterman No. 5 (4458) Well.

Kermit District, Mingo County, W. Va.
By United Fuel Gas Company.

Min-A on map.

Elevation, 932.91' L.

375 M. cu. ft. gas; R. P., 400 lbs. Volume in Shale not given.

Located 0.98 mi. S. of 37° 55' and 3.57 mi. W. of 82° 15'—EC—Nauga-
tuck Quadrangle.

On west side of Snakeroot Branch of Jennie Creek, 1600' from mouth.
3.3 mi. N. E. of Spaulding; 1.4 mi. N. W. of Swelled Hickory Gap.

	Tcp.	Bottom.	Thickness.	Elevation (top)
Big Lime -----	1325	1533	208	— 392
Big Injun Sand-----	1533	1630	97	— 600
Berea Sand -----	2100	2110	10	—1167
Corniferous Lime+-----	3459	3774	(315)	—2526
Oriskany Sand -----			0	

Thickness, Devonian Shales, 1349 feet. Total depth, 3774'.
Remarks: Drilled by Old Colony Oil & Gas Company March 15, 1924,
to 1131' (Maxton). Deepened Feb. 26, 1932.
Shot in Maxton and Shale.

Gas at 1126', (Maxton).
Gas in Shale at 2170-2230'.

Deep well

HENRY CLOSTERMAN NO. 5 (1458) WELL.

27-30

M/N-7-A

Harvey District, Mingo County, W. Va.
 By United Fuel Gas Co.
 On 3920 acres; Lease No. 34706; Map Square 24-27.
 Drilling commenced Feb. 23, 1924; completed, March 15, 1924.
 Contractor: Thompson Bros.
 Owned by Old Colony Oil & Gas Co.; Purchased by United Fuel Gas Co.
 Elevation, 932.91' L.
 10" casing, 19'; 8 1/2", 302'; 6 3/4", 1360'; 3" tubing, 3176'; all left in.
 Shut in 2-26-32 in 3 in. tubing.
 H. W. packer, 3 x 6 3/4, set at 2188'.
 Test, Maxton, before shot, 1924, 62/10ths water in 12";
 volume, 375,000 cu. ft.
 Test after shot, 6/10ths water in 1"; volume, 34,000 cu. ft.
 Shot 2-12-1932 with 2720 lbs. gelatin.
 No.....in Gas Report.
 Began drilling deeper Nov. 4, 1931; completed deepening Feb. 26, 1932.

	Top.	Bottom.	Thickness.
Coal	20	24	4
Coal	615	617	2
Salt Sand	710	1005	300 295
Slate	1005	1010	5
Sand	1010	1032	22
Slate	1032	1084	52
Hard sand (gas at 1126')	1084	1129	45
Slate (Total depth), red		1131	

Well record on fiche

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UNITED FUEL GAS COMPANY

SERIAL WELL NO. 4458 LEASE NO. 34706 MAP SQUARE 24-27

RECORD OF WELL No. 5 on the
 Henry Closterman Farm of 3920 Acres
 in harvey District
Mingo County
 Field, State of W. Va.

Rig Commenced 193
 Rig Completed 193
 Drilling Commenced February 23, 1924 193
 Drilling Completed March 15, 1924 193
 Drilling to cost per foot

Contractor is: Thompson Brothers
 Address: Owned by Old Colony Oil & Gas Co.
Purchased by United Fuel Gas Co.

Driller's Name

CASING AND TUBING		
SIZE	USED IN DRILLING	LEFT IN WELL
16		
13		
10	19	19
8 1/4	302	302
6 5/8	1360	1360
5 3/16		
4 7/8		
4		
3		3176
2		

SHUT IN
 Date 2-26-1932
3 in Tubing or Casing
 Size of Packer 3x6-5/8
 Kind of Packer Hook Wall set at 2188
 1st Perf. Set _____ from _____
 2nd Perf. Set _____ from _____

TEST BEFORE SHOT
 Maxon 1924
6.2 of Water in 2 inc
 10ths.
10ths. of Merc. in _____ inc
 Volume 375,000 Cu. ft

TEST AFTER SHOT
8 of Water in 1 inc
 10ths.
10ths. of Merc. in _____ inc
 Volume 67,000 Cu. ft
 Rock Pressure 400#

Date Shot 2-12-1932
 Size of Torpedo 2720#
 Oil Flowed _____ bbls. 1st 24 hr
 Oil Pumped _____ bbls. 1st 24 hr

Well abandoned and
 Plugged _____ 193

Elevation 932.91

DRILLER'S RECORD

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS	
Coal	20	24	4	Hole filled back to a depth of 3130	
Coal	615	617	2		
Salt Sand	710	1005	295		
Shale	1005	1010	5		
Sand	1010	1032	22		
Shale	1032	1084	52		
Hard Sand	1084	1129	45		Gas at 1126
Shale (Total Depth)		1131			Began drilling deeper Nov. 4, 1931 - Completed " Feb. 26, 1932 -
Started Drilling		1131			
Sand	1131	1185	54		
Shale	1185	1195	10		
Sed Rock	1195	1230	35		
Shale & Shells	1230	1302	72		
Little Lime	1302	1323	20		
Pencil Cave	1323	1325	2		
Big Lime	1325	1533	208		
Conjun	1533	1630	97		
Shale & Shells	1630	2078	448		
Brown Shale	2078	2100	22	Gas in Shale 2170-2230	
Sereia Sand	2100	2110	10		
Shale	2110	2135	25		
Sand	2135	2155	20		
Shale	2155	2170	15		
Shale	2170	2230	60		
Shale	2230	2832	602		
Brown Shale	2832	3110	278	* See orig. Log	
Shale	3110	3360	250		
Brown Shale	3360	3459	99		
Corniferous Lime	3459	3774	315		
Total Depth		3774			

Mingo 889

Mingo-889

B-1
P

UNITED FUEL GAS COMPANY

SERIAL WELL NO. 4458

LEASE NO. 34706

MAP SQUARE 24-27

RECORD OF WELL No. 5 on the
 Henry Closterman Farm of 3920 Acres
 in harvey District
 Mingo County
 Field, State of W. Va.

Rig Commenced 193
 Rig Completed 193
 Drilling Commenced February 23, 1924 193
 Drilling Completed March 15, 1924 193
 Drilling to cost per foot
 Contractor is: Thompson Brothers
 Address: Owned by Old Colony Oil & Gas Co.
 Purchased by United Fuel Gas Co.
 Driller's Name

CASING AND TUBING		
SIZE	USED IN DRILLING	LEFT IN WELL
16		
13		
10	19	19
8 1/4	302	302
6 5/8	1360	1360
5 3/16		
4 7/8		
4		
3		3176
2		

SHUT IN
 Date 2-26-1932
 3 in Tubing or Casing
 Size of Packer 3x6-5/8
 Kind of Packer Hook Wall set at 2188
 1st Perf. Set from
 2nd Perf. Set from

TEST BEFORE SHOT
 MAXON 1924
 6.2 of Water in 2 in
 10ths.
 of Merc. in in
 10ths.
 Volume 375,000 Cu.

TEST AFTER SHOT
 8 of Water in 1 in
 10ths.
 of Merc. in in
 10ths.
 Volume 57,000 Cu.
 Rock Pressure 400#

Date Shot 2-12-1932
 Size of Torpedo 2720#

Oil Flowed bbls. 1st 24 hr
 Oil Pumped bbls. 1st 24 hr

Well abandoned and
 Plugged 193
 at 2188

Elevation 932.91

DRILLER'S RECORD

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
	20	24	4	Hole filled back to a depth of 3130
	615	617	2	
t Sand	710	1005	295	
ate	1005	1010	5	
nd	1010	1032	22	
te	1032	1084	52	
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ncil Cave	1323	1325	2	
g Lime	1325	1533	208	
jun	1533	1630	97	
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nd	2135	2155	20	
ate	2155	2170	15	
ale	2170	2230	60	
ate	2230	2832	602	
own Shale	2832	3110	278	* see log
ate	3110	3360	250	
own Shale	3360	3459	99	
rniferous Lime	3459	3774	315	
Total Depth		3774		

Deronian Shale - 2110' to 3459'
 Total Shale - 1349'