

- New Location
- Drill Deeper
- Abandonment

Map Sht. 43-A; 5-18, E-23; F.B. 1139, P.2 & " 1135, P.38

Company HOPE NATURAL GAS CO.
 Address CLARKSBURG, W. VA.
 Farm MARGARET BRANNON
 Tract _____ Acres 1100 Lease No. 43719
 Well (Farm) No. _____ Serial No. 6970
 Elevation (Spirit Level) 1244'
 Quadrangle PHILIPPI NW
 County BARBOUR District ELK
 Engineer Guy H. Bradley
 Engineer's Registration No. 2125
 File No. _____ Drawing No. _____
 Date _____ Scale 1" = 1000'

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

WELL LOCATION MAP
 FILE NO. BAR. 1008

+ 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.

Margaret Brannon #2
 Rig finished Mar. 5, 1927
 Drilling commenced Mar. 17, 1927
 Completed June 29, 1927
 Test of gas in the Fifth Sand May 5: 10/10 water thru 1" opening or 37,680 cu.ft. The open flow of the Fifth Sand gas before drilling into the Benson Sand showed 31,560 cu.ft. After drilling into the Benson Sand the open flow of both the Fifth Sand and The Benson Sand: 20/10 water thru 1" opening or 53,280 cu.ft. which leaves a total of 21,720 cu.ft. from the Benson Sand. Well was shot in the Benson Sand with 20 quarts June 18. Top of upper shell 4334 - Bottom of lower shell 4345. Before shot the test showed: 18/10 water thru 1" opening or 49,800 cu.ft. After shot: 40/10 water thru 2" opening or 304,320 cu.ft. Twenty four hours after shot: 5/10 water thru 2" opening or 105,792 cu.ft. June 23 open flow showed: 4/10 water thru 2" opening or 94,500 cu.ft. Commenced cleaning this well June 19 and finished running the 3" tubing on June 29. Open flow before tubing: 3/10 water thru 2" opening or 83,000 cu.ft. After tubing open flow showed: 9/10 water thru 1" opening or 35,760 cu.ft. Open flow from Bradenhead or Fifth Sand Gas showed: 10/10 water thru 1" opening or 37,680 cu.ft. making a total of 73,440 cu.ft.

Fifteen minute pickup:

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
0	0	0	0	4	5	6	8	9	10	11	12	13	14	15

First chart taken off the meter which registers the gas from this well was changed July 5, after same had run 138 hours. This chart showed that a total of 341,550 cu.ft. had been produced from the well in 138 hours or an average of 59,400 each 24 hours feeding into the line against a line pressure of approximately 50#. Practically no water was found in this well, and the well is dry and in good condition.

LOG OF WELL

Sand	16 to	50
Sand	222	" 315
Little Dunkard Sand	460	" 518
Gas Sand	695	" 745
Salt Sand	795	" 845
Salt Sand	920	" 955
Sand	965	" 1120
Naxon Sand	1322	" 1352
Little Lime	1420	" 1432P
Pencil Cave	1432	" 1462
Big Lime	1462	" 1544
Big Injun	1544	" 1644
Gantz Sand	1898	" 1953
Fifty Foot Sand S.L.	1964	" 1995
Sand	2075	" 2125
Stray Sand	2235	" 2250
Gordon Sand	2280	" 2303
Fourth Sand	2389	" 2434
Fifth Sand S.L.	2449	" 2473
Gas		2453
Speechley Sand	3148	" 3155
Benson Sand S.L.	4335	" 4346
Gas		4336
Total Depth		4497

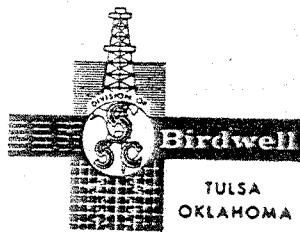
CASING

10"	228
8" Lead Shoe	1468
6" "	2247
6" "	14'6"
Drilling Nipple	4497
3" tubing	

Two perforations set on tubing. Lower perforation is the bottom piece. Upper perforation extends from 4337 to 4359. Upper packer set at 4020. Lower packer set at 4261. Both packers are OWS anchor. Cemented upper packer with 7 bags sand and 7 bags cement. Right and left nipple set at 3802.

Permit No. -001-1008

2119



BIRDWELL

Nuclear Log

AND TEMPERATURE LOG

FILING NO.

COMPANY THE HOPE NATURAL GAS CO.

BRIDGEPORT DISTRICT

WELL #7185 W.B. TRIMBLE

FIELD _____

COUNTY BARBOUR 1010 STATE W.VA.

LOCATION:

OTHER LOGS:

SEC. _____ TWP. _____ RGE. _____

PERMANENT DATUM GROUND LEVEL ELEV. NA

LOG MEASURED FROM TOP OF 6-5/8" CSG 2' AGI

DRILLING MEASURED FROM " " "

ELEVATIONS:

KB. _____

DF. _____

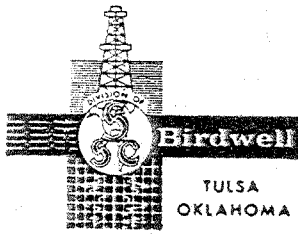
GL. NA

DATE	9-30-1960	9-30-1960
RUN NO.	1	1
TYPE LOG	GAMMA RAY	TEMPERATURE
DEPTH - DRILLER	1230'	1230'
DEPTH - LOGGER	1221' -	1221' 0"
BOTTOM LOGGED INTERVAL	1222' 6"	1221' 0"
TOP LOGGED INTERVAL	0000' 0"	3950' 0"
TYPE FLUID IN HOLE		GAS
SALINITY PPM CL.		
DENSITY LB./GAL.		
LEVEL		0
MAX. REC. TEMP. - DEG. F		99.5°
OPR. RIG TIME	7 HOURS	
RECORDED BY	WALTER	
WITNESSED BY	RADER	

RUN NO.	BORE HOLE RECORD			CASING RECORD			
	BIT	FROM	TO	SIZE	WGT.	FROM	TO
				10"		0	186
				8 1/2"		0	833'
				6-5/8"		0	1233'
				5-3/16"		0	4051'

THIS HEADING AND LOG CONFORM TO A PI STANDARD PRACTICE RP-33 (P)

3952



BIRDWELL

Nuclear Log

FILING NO. _____

COMPANY HOPE NATURAL GAS CO.

WELL # 6970 BRANNON

FIELD BRIDGEPORT DIST.

COUNTY BARBOUR STATE W. VA.

LOCATION: BAR. 1006

OTHER LOGS: _____

SEC. _____ TWP. _____ RGE. _____

PERMANENT DATUM 1'6" ABOVE N.S. ELEV. _____

LOG MEASURED FROM TOP OF 3" CASING

DRILLING MEASURED FROM TOP OF 3" CASING

ELEVATIONS:
 KB. _____
 DF. _____
 GL. _____

DATE	<u>8-29-60</u>		
RUN NO.	<u>1</u>		
TYPE LOG	<u>GAMMA RAY</u>		
DEPTH - DRILLER	<u>4496'</u>		
DEPTH - LOGGER	<u>4483'</u>		
BOTTOM LOGGED INTERVAL	<u>4483'</u>		
TOP LOGGED INTERVAL	<u>0</u>		
TYPE FLUID IN HOLE	<u>N.A.</u>		
SALINITY PPM CL.			
DENSITY LB./GAL.			
LEVEL	<u>N.A.</u>		
MAX. REC. TEMP. - DEG. F	<u>N.A.</u>		
OPR. RIG TIME	<u>7 HRS.</u>		
RECORDED BY	<u>WALTER</u>		
WITNESSED BY	<u>RADER</u>		

RUN NO.	BORE HOLE RECORD			CASING RECORD			
	BIT	FROM	TO	SIZE	WGT.	FROM	TO
				3"		0	4497'
				6 5/8"		0	3247'
				1"		0	1468'
				10"		0	323'

THIS HEADING AND LOG CONFORM TO API STANDARD PRACTICE RP-33 (P)