

INSTRUCTIONS

1) Attach a photo copy of the location of the well on a 7.5 minute Quadrangle with the corresponding Longitude and Latitude.
2) Designate the location of the well with the symbol(+).

RECEIVED

Division of Environmental Protection
0-9 93
Permitting
Division of Oil & Gas

1.245
1.81W

+

SEE ATTACHED PHOTO COPY

17587

1.245
1.81W

6,400'S
30 00
89°

I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief.

SIGNED [Signature]

TITLE [Signature]

W.A.
DOWLER WELL #3
DRILLED 1930

DATE July 2, 1993

OPERATORS WELL NO. _____

API WELL NO. 051-747-N

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION

WELL TYPE: OIL _____ GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
TYPE "GAS" PRODUCTION STORAGE _____ DEEP _____ SHALLOW _____

LOCATION: ELEVATION 1325 WATER SHED _____
DISTRICT LIBERTY COUNTY MARSHALL
QUADRANGLE Cameron 278 + 15 SE

SURFACE OWNER HARMAN BROWN ACREAGE _____

OIL & GAS ROYALTY OWNER RANDALL LEE DOWLER LEASE ACREAGE 1/6
LEASE NO. _____

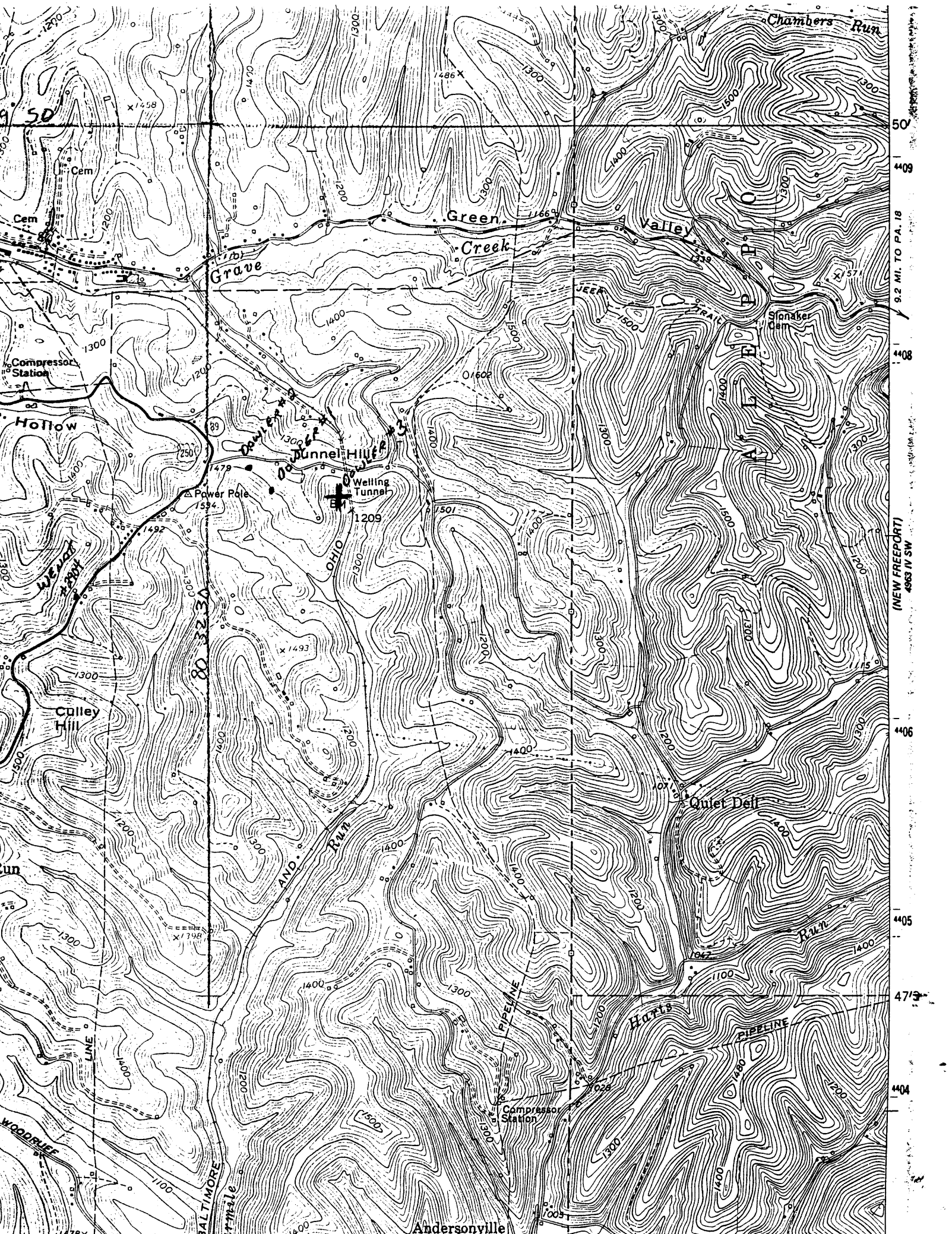
PRODUCING FORMATION FOURTH SAND 838° TOTAL DEPTH 3350

WELL OPERATOR CAMERON GAS Co. DESIGNATED AGENT C. R. COLEMAN

ADDRESS 8 ADALINE AVE ADDRESS Spencer JUL 16 1993

CAMERON W.V. 26033

(A74)



9.2 MI. TO PA. 18

(NEW FREPORT)
4963 IV SW

Native Coal	487-490	
Coal	562-565	
Waynesburg Coal	650-654	
Mapletown Coal	815-820	
Pittsburg Coal	924-951	Steel Line
Murphy Sand	1000-1040	
Hard Sand	1260-1290	
Little Dunkard	1340-1375	
Big Dunkard	1460-1520	
Gas Sand	1605-1658	
1st Salt Sand	1770-1782	
2nd Salt Sand	1855-1865	
Third	1910-1970	
Maxin Sand - shell	2000-2010	
Big Lime	2040-2089	
Big Injun	2089-2357	
Break	2195-2200	
Thirty Foot	2690-2705	
Pink Rock	2790-2850	
Fifty Foot	2876-2911	
Gas	2879	3 feet in sand steel line
Gordon Stray	2925-2955	
Gordon	2940-2981	
Fourth Sand	3015-3023	Gas 5 foot in sand
Gas	3018	
Total depth	3350	

Liberty
.....District, Marshall County, W. Va.
By Cameron Heat & Light Co.

1930-33.

Well drilled to 3350'. Bridged to 3047'.
10" pipe, 365 (Pulled out, 1933); 8 1/2", 1354' (left in); 6 5/8", 2043' (left in); 3" tubing, 3039', 162 joints; tubing was not the average length of 20 feet, just a few joints, most of tubing running from 18 ft. to 19 ft. in length.

A hook-wall packer was used and set at 2300' in Injun Sand; 737' below packer.

Elevation.....

1325

Record from Mr. Straub 9-11-39.

	Top.	Bottom.
Native coal	487	490
Native coal	562	565
Waynesburg Coal	630	634
Mapletown (Sewickley) Coal	815	820
Pittsburgh Coal (SIM)	926	931
Murphy Sand	1000	1040
Sand, hard	1260	1280
Little Dunkard Sand	1340	1375
Big Dunkard Sand	1460	1520
Gas Sand	1605	1638
1st Salt Sand	1770	1782
2nd Salt Sand	1855	1865
3rd Salt Sand	1910	1970
Maxton Sand (shell)	2000	2010
Big Lime	2040	2089
Big Injun Sand (break, 2195-2200')	2089	2337
30-Ft. Sand	2690	2705
Pink rock	2790	2850
50-Ft. Sand (gas at 2879'; SIM; 3/10 through 2")	2876	2911
Gordon Stray Sand	2925	2935
Gordon Sand	2940	2981
4th Sand (gas at 3018'; SIM; 2/10 through 2")	3013	3023
Total depth (No sand--shell)		3350
Bridged to		3047

	TOP	BOTTOM	
Native Coal	487	- 490	
"	562	- 565	
Waynesburg Coal	630	- 634	
Mapleton " "	815	- 820	
Pittsburg " "	926	- 931	Steel line measured
Murphy Sand	1000	- 1040	
Sand (Hard)	1260	- 1280	
Little Shankland	1340	- 1375	
Big " "	1460	- 1520	
Gas Sand	1605	- 1638	3047
1st Salt " "	1770	- 1782	57
2nd " "	1855	- 1865	2990
3rd " "	1910	- 1970	2879
Marion " (Shell)	2000	- 2010	111
Big Lime	2040	- 2089	2990
P. Injion	2089	- 2337	47
Shale	2195	- 2200	18
30 Foot Sand	2690	- 2705	29
Pink Rock	2790	- 2850	
50 Foot Sand	2876	- 2911	2979 - Steel line measured
Gordon Gray	2925	- 2935	3/10 thru 2"
Gordon P.	2940	- 2981	
4th Sand	3013	- 3023	3018 - Steel line

(Well drilled to 3350) TOTAL DEPTH (3047)

- 70 Sand - Shell
- 10" Pipe in Well - 365' - Pulled out 1933
- 8 1/4" " " " - 1354' - Left in well
- 6 5/8" " " " - 2043 - " " "
- 3" Tubing " " - 3039' - 162 joints, tubing was not the average length of 20 feet, just a few jts, most of tubing ranging from 18ft to 19ft in length

R Hook Well packer was used and set at 2300 in Injion Sand.

2921
2876
45

737' below packer

W. A. L. #3

Well was drilled with Company tools, finished in year 1920, used gas thru 6" pipe until June 1933 when it was cleared out with Company tools & tubed, H. E. People, doing the clearing out.

Well was shot by Harry Clelland, using nitro glycerine - on October 13th & 14th - 1932

50' Sand - Shells - 2-5-20 (40 gts)
 Top of shot - 2877-6
 Bottoms " " - 2888-6

4th Sand - Shells - 1-5-20 (20 gts)
 Top of shot - 3017
 Bottoms of shot - 3022

Open Flow - 47,025 cu ft - Young's Gauge used
 Rock Pressure - 390#

After well was tubed, outside gas appeared which must of been from Drilum shell, and not enough to tell what was going in 6" hole. Outside gas connected to line.

~~Explosive was used to clear out the well~~
~~gas was used to clear out the well~~

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
SECTION OF OIL AND GAS

WELL REGISTER ASSIGNMENT

This API Number 47- 51-00747, issued to CAMERON GAS COMPANY is evidence of permission to operate the well that is referenced at the location described on the attached plat, subject to the provisions of Chapters 22 and 22B of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder. The name and telephone number of the Oil and Gas Inspector for this well is RANDAL MICK -
304-986-3324.

Spills or emergency discharges must be reported to 1-800-654-3312.

Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of your permits and in addition may result in civil and/or criminal penalties.

The enclosed WR-35 must be completed by you and returned to this office. In addition annual production reports must be submitted on this well and failure to do so may require you to plug the well.

Theodore M. Streit
Chief

By: 

Title: _____

Operator's Well No: W.A. DOWLER #3

Farm Name: BROWN, HARMAN

API Well Number : 47- 51-00747 N

Date Issued : 07/09/93