



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

To THE DEPARTMENT OF MINES,  
Charleston, W. Va.

Agee Department Stores, Inc.  
COAL OPERATOR OR COAL OWNER

Owens, Libbey-Owens Gas Department  
NAME OF WELL OPERATOR

Room 1110, 1st Huntington Nat'l. Bank  
Huntington, W. Va.  
ADDRESS

P. O. Box 4158, Charleston 4, W. Va.  
COMPLETE ADDRESS

COAL OPERATOR OR COAL OWNER

July 2, 1956  
PROPOSED LOCATION

ADDRESS

Stonewall District

Same

Wayne County

OWNER OF MINERAL RIGHTS

Well No. 1 - 994 38° 15'  
87° 25'

ADDRESS

Agee Dept. Stores, Inc. - 111-3/8 Acres  
Farm

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, ~~having title thereto, (or as the case may be)~~ under grant or lease dated 7-17-1947, made by F. L. Agee & wife, to Owens-Illinois Glass Co. & Libbey-Owens-Ford Glass Co., and recorded on the 2nd day of December 1947, in the office of the County Clerk for said County in Book 36, page 411.

The enclosed plat was prepared by a competent engineer and shows the proposed location of a well to be drilled for oil and gas by the undersigned well operator on the farm and in the Magisterial District and County above named, determined by survey and courses and distances from two permanent points, or land marks.

The undersigned well operator is informed and believes there are no coal operators operating beds of coal beneath said farm or tract of land on which said well is located, or within 500 feet of the boundaries of the same, who have mapped their workings and filed their maps as required by law, excepting the coal operators or coal owners (if any) above named as addressees.

The above named coal operators or coal owners (if any) are notified that any objections they may desire to make to such proposed location, or which they are required to make by Section 3 of said Code, if the drilling of a well at said proposed location will cause a dangerous condition in or about their respective coal mines, must be received by, or filed with the Department of Mines within ten\* days from the receipt of a copy of this notice and accompanying plat by said Department. Said coal operators are further notified that forms for use in making such objections will be furnished to them by the Department of Mines promptly on request and that all such objections must set forth as definitely as is reasonably possible the ground or grounds on which such objections are based and indicate the direction and distance the proposed location should be moved to overcome same.

(The next paragraph is to be completed only in Department's copy.)

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address same day before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours,

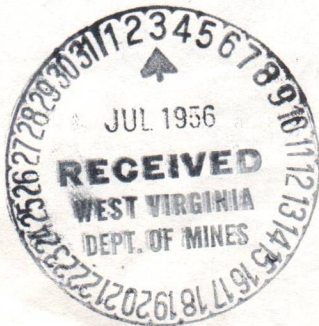
Owens-Libbey-Owens Gas Department  
WELL OPERATOR

P. O. Box 4158  
STREET

Charleston, West Virginia  
CITY OR TOWN

02/02/2024

STATE



Address of Well Operator }

\*Section 3 . . . . If no such objections be filed or be found by the department of mines, within said period of ten days from the receipt of said notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a drilling permit reciting the filing of such plat, that no objections have been made by the coal operators to the location, or found thereto by the department, and that the same is approved and the well operator authorized to proceed to drill at said location.

1018



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

To the Department of Mines  
Charleston, W. Va.

Owens-Libbey-Owens Gas Department

Agee Department Stores, Inc.

NAME OF WELL OPERATOR

COAL OPERATOR OR COAL OWNER

P. O. Box 1158, Charleston, W. Va.

Room 1110, 1st Harrison Street, Charleston, W. Va.

MAILING ADDRESS

ADDRESS

July 2, 1947

COAL OPERATOR OR COAL OWNER

PROPOSED LOCATION

Stonewall

ADDRESS

Wayne

Same

380 1/2

Well No. 1 - 951

OWNER OF MINERAL RIGHTS

Agee Dept. Stores, Inc. - 111-2/0

ADDRESS

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas under the provisions of the laws of this State and the laws of the United States.

made by T. H. Agee & wife, and recorded on the 2nd day of December 1947.

in the office of the County Clerk for said County in Book 30 page 1111.

The enclosed plat was prepared by a competent engineer and shows the proposed location of a well to be drilled for oil and gas by the undersigned well operator on the farm and in the Magisterial District and County above named, delineated by survey and courses and distances from two permanent points or land marks.

The undersigned well operator is informed and believes there are no coal operators operating beds of coal beneath said farm or tract of land on which said well is located, or within 500 feet of the boundary of the same who have mapped their workings and filed their maps as required by law, excepting the coal operators (if any) above named as addressees.

The above named coal operator or coal owners (if any) are notified that any objections they may desire to make to such proposed location, or which they are required to make by Section 3 of said Code, if the drilling of a well at said proposed location will cause a dangerous condition in or about their respective coal mines, must be created by or filed with the Department of Mines within ten days from the receipt of a copy of this notice and accompanying plat by said Department. Said coal operators are further notified that forms for use in making such objections will be furnished to them by the Department of Mines promptly on request and that all such objections must set forth as definitely as is reasonably possible the grounds on which such objections are based and indicate the direction and distance the proposed location should be moved to overcome same.

The next paragraph is to be completed only in Department's copy.

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective addresses on the 2nd day of July, 1947, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours,

Owens-Libbey-Owens Gas Department

WELL OPERATOR

P. O. Box 1158

STREET

Charleston, West Virginia

CITY OR TOWN

STATE

Address of Well Operator



02/02/2024

Section 3. If no such objections be filed or if found by the department of mines, within ten days from the receipt of said notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a drilling permit, retaining the right of such plat, that no objections have been made by the coal operators to the location, or found therein by the department, and that the same is approved and the well operator authorized to proceed to drill at said location.

WAY-1018 PERMIT NUMBER



A-4

NORFOLK  
UNION

Wayne  
(BM 708)

Wheeler Knob

Elmwood

Bethesda

AGEE A-1

GAS TO BE FLARED

02/02/2024

37

PRICHARD'S

PRICHARD'S

WRIGHT'S

Twomile Sch

Peter's

A-10

Plan of Operation for the Flaring of Natural Gas  
Under Code 22-4-14

**RECEIVED**  
MAY 1 - 1964

Purpose for Flaring Gas:

OIL & GAS DIVISION  
**DEPT. OF MINES**

The 4 wells indicated will be flowed through their existing gathering system against a simulated 75 psig back pressure. This test is being performed to determine the deliverability and the amount of H<sub>2</sub>S associated with this gas. This criteria is needed to determine the design specifications for an amine plant to treat this gas, and to determine if it can be economically justified.

The flare stack will be manned 24 hrs./day. H<sub>2</sub>S monitoring equipment and survival air equipment will be on location at all times. Gas samples will be taken throughout the entire test.

02/02/2024

B-2

Formation	Color	Hard or Soft	Top $\delta$	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate	dark	soft	1004	1017			
Lime shells	dark	hard	1017	1029			
Lime	dark	hard	1029	1034			
Red rock	red	soft	1034	1037			
Slate	dark	soft	1037	1057			
Lime shls	dark	hard	1057	1059			
Slate	dark	soft	1059	1061			
L. Lime	dark	hard	1061	1090			
Slate	dark	soft	1090	1097			
Big lime	white	hard	1097	1270			Water level 60' at 1106 SLM 1106 = sand LM 1106 10/21/58 Ran 8-5/8" csg. at 1119' on shoe. 10/25/58 SLM 1234 = sand LM 1233
Sand	grey	hard	1270	1276			
Big injun	red	med.	1276	1301			
Big injun	grey	med.	1301	1450			
Slate	dark	soft	1450	1659			
shells	dark	med.	1659	1662			
Slate	dark	soft	1662	1794			
Slate	dark	soft	1794	1806			
Shells	dark	hard	1806	1819			
Slate	dark	soft	1819	1875			
Shale	brown	soft	1875	1886			
Berea	light	hard	1886	1887			
Berea	grey	hard	1887	1894			SLM 1887 $\frac{1}{2}$ = sand LM 1887
Slate	dark	soft	1894	1895			Gas 1895 - 548 Cu. Ft.
Berea	light	hard	1895	1905			Test 1899 - 1324 " "
Berea	grey	hard	1905	1906			" 1905 - 245 " "
Berea	grey	hard	1905	1906			Water 1906 - 1 Gall. per hour. Hole reamed to 1896. Shot with 100# Gelatin. Cleaned out after shot to 1907 $\frac{1}{2}$ 12/16/58 Shot with 2 shells Gelatin from 1885 $\frac{1}{2}$ to 1907 $\frac{1}{2}$ . 200# put off with small drop jack to straighten crooked hole. 1/6/59 Shot with 1 - 7" K10' shell loaded with 200# Gelatin. Bottom of shot 1908 $\frac{1}{2}$ Top of shot 1898 $\frac{1}{2}$ . Time bomb set for 4 hrs. Shot at 5:30 P.M. 1/6/59. 1/31/59 Ran 7" csg. at 1909'7" with "Oilwell" pkr.
Sandy shls	grey	hard	1908	1910			
Lime shls	grey	hard	1914	1928			
Slate	light	soft	1928	1932			
Lime shls	grey	hard	1932	1961			Gas 1945 6.0 MCF
Sl.-shls	white	soft	1961	2008			Test 1990 4.1 MCF
Br. shale	brown	soft	2008	2071			" 2028 3.4 MCF " 2071 3.1 MCF SLM 2071 = sand LM 2072
Sl.-shls	brown	soft	2071	2121			Test 2121 2.7 MCF
Sl.-shls	white	soft	2121	2263			
Br. shale	brown	soft	2263	2551			Test 2280 2.4 MCF " 2375 2.2 MCF " 2498 980 Cu. Ft. Gas? 2548 1.5 MCF
Lime shls	light	med.	2551	2562			SLM 2562 = sand LM 2558
Br. shale	brown	soft	2562	2780			Test 2614 1.3 MCF " 2697 Same " 2795 1.2 MCF
white slate	white	soft	2780	2980			
Br. shale	brown	soft	2980	3015			
Dark lime shells	dark	hard	3015	3020			
Br. shale	brown	soft	3020	3029			
Corn. lime	white	hard	3029	3120			Test 3041 980 Cu. Ft. SLM 3120 = sand LM 3120

Date April 23, 1959

APPROVED Owens, Libbey-Owens Gas Department, Owner

By A. H. Smith (Title) Geologist

02/02/2024



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

Permit No. **2024**  
Wayne

**WELL RECORD**

Oil or Gas Well (KIND)  
Gas

Company Owens, Libbey Owens, Gas Department  
Address P. O. Box 4168, Charleston, W. Va.  
Farm Agee Dept. Stores "A" Acres 112  
Location (waters) Well No. 1 (Serial #994) Elev. 651.59  
District Stonewall County Wayne  
The surface of tract is owned in fee by Agee Dept. Stores  
Address Wayne, W. Va.  
Mineral rights are owned by Agee Dept. Stores  
Address Wayne, W. Va.

Drilling and Tubing	Used in Drilling	Left in Well	Packers
Size	16	13	Kind of Packer Bottom Hole
			Size of 7X8-5/8X16
			Depth set Bottom Hole
			Drilling commenced 9/29/58
			Drilling completed 3/18/59
			Date Shot 3/19, 25, 4/2 From 3710 To 3792
			With 316# Gel., 2200# Hercules powder, 1300# Hercules powder.
			Open Flow /10ths Water in Inch
			Volume Big Six Sand 130 M Cu. Ft.
			Rock Pressure 1375 lbs. 280 hrs.
			Oil bbls., 1st 24 hrs.
			WELL ACIDIZED
			WELL FRACTURED
			RESULT AFTER TREATMENT
			ROCK PRESSURE AFTER TREATMENT
			Fresh Water 40, 112, 219, 295, Feet
			Salt Water 751, 788, 821, 1106, Feet 1906

CASING CEMENTED	No. Ft.	Date
10 3/4"	19212"	
8 5/8"	111718"	
7"	188612"	
7"	190813"	
7"	190610"	
2 7/8"	190917"	
5 1/2"	332714"	

COAL WAS ENCOUNTERED AT	FEET	INCHES
31-8"	FEET 24	INCHES
149-1"	FEET 24	INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface	Yellow	soft	0	8			Putting in foundation sills 9/19/58.
Sand	grey	soft	8	123			Water 1906
Slate	Grey	soft	23	31			Water 1906
Sand	Light	soft	33	144			Water 1906
Slate	grey	soft	144	149			Water 1906
Coal	black	soft	149	151			Water 1906
Slate	grey	soft	151	179			Water 1906
Slate	Light	soft	179	192			Water 1906
Sand	Light	med.	192	220			Water 1906
Slate	dark	soft	220	242			Water 1906
Sand	dark	med.	242	279			Water 1906
Slate	dark	soft	279	289			Water 1906
Sand	Light	med.	289	347			Water 1906
Slate	dark	soft	347	417			Water 1906
Sand	Light	med.	417	471			Water 1906
Slate	dark	soft	471	490			Water 1906
Sand	grey	soft	490	502			Water 1906
Slate	grey	soft	502	512			Water 1906
Sand	Light	med.	512	530			Water 1906
Slate	dark	soft	530	540			Water 1906
Sand	Light	med.	540	575			Water 1906
Slate	dark	soft	575	588			Water 1906
Sand	white	med.	588	602			Water 1906
Slate	dark	soft	602	658			Water 1906
Sand	Light	med.	658	826			Water 1906
Slate	dark	soft	826	876			Water 1906
Sand	grey	soft	876	1004			Water 1906



Water Level 100' at 751, 60' at 821, 70' at 788,

10/2/58 Ran 10-3/4" csg. on shoe at 19212"

Water at 249, 4 BPH

Water at 295, 8 BPH

Putting in foundation sills 9/19/58.

Feet 1906

ROCK PRESSURE AFTER TREATMENT

WELL FRACTURED

WELL ACIDIZED

COAL WAS ENCOUNTERED AT 31-8" FEET 24 INCHES

CASING CEMENTED No. Ft. Date

Open Flow /10ths Water in Inch

Volume Big Six Sand 130 M Cu. Ft.

Rock Pressure 1375 lbs. 280 hrs.

Oil bbls., 1st 24 hrs.

WELL ACIDIZED

WELL FRACTURED

RESULT AFTER TREATMENT

ROCK PRESSURE AFTER TREATMENT

Fresh Water 40, 112, 219, 295, Feet

Salt Water 751, 788, 821, 1106, Feet 1906

B-4

Formation	Color	Hard or Soft	Top 8A	Bottom	Oil, Gas or Water	Depth Found	Remarks
					3/30/59 Pin knocked off bit and left in hole.		
					Bottom of bit 3780 top 3773.		
					Bottom of 3rd shot 3770		
					Tests:		
					116 hrs. 100 MCF		
					123 Hrs. Same		
					4/2/59 Shot well with 4300# Hercules powder from 3729 to 3770.		
					Tamped with 117' pea gravel.		
					T. B. set for 3 hrs.		
					Test B.S: 100 MCF		
					4/4/59 Drilled out tamp		
					Tests:		
					30 min. 446 MCF		
					1 hr. 299 "		
					8 hrs. 169 "		
					Well open over weekend.		
					4/6/59		
					40 hrs. 125 "		
					78 hrs. 132 "		
					96 hrs. 125 "		
					4/8/59 Shut well in in 5 1/2" csg.		
					T. D. 3776		
					Final test 126 MCF		
					Final Open Flow estimated		
					130 MCF from Big Six Sand.		

02/02/2024

Date April 23, 19 59

APPROVED Owens, Libbey-Owens Gas Department, Owner

By A. H. Smith  
 A. H. Smith, Mgr. (Title)  
 Land, Engineering & Geology





STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

WELL RECORD

Quadrangle Wayne  
02/02/2024  
Permit No. WAY-1018

Oil or Gas Well (KIND)

Company Owens, Libbey-Owens Gas Department  
Address Box 1168, Charleston, W. Va.  
Farm Agee Dept. Stores "A"  
Location (waters) Acres  
Well No. Elev.  
District County  
The surface of tract is owned in fee by Address  
Mineral rights are owned by Address  
Drilling commenced Drilling completed  
Date Shot From To  
Liners Used  
Size 16 13 10 8% 6% 5 3/16  
Kind of Packer  
Left in Well Used in Drilling  
Packers

Open Flow /10ths Water in Inch  
Volume Cu. Ft.  
Rock Pressure lbs.  
Oil bbls., 1st 24 hrs.  
WELL ACIDIZED  
WELL FRACTURED  
RESULT AFTER TREATMENT  
ROCK PRESSURE AFTER TREATMENT  
Fresh Water Feet

Formation Slate Sand Big 6 Corn. Lime  
Color grey grey dark  
Hard or Soft soft hard hard  
Top 3791 3742 3120  
Bottom 3800 3791 3742  
Oil, Gas or Water  
Depth 24.8 25.9 27.7  
Remarks



White cleaning out:

Test 3328 = sand LM 3325  
3/2/59 58 hr test: 17 gal. water  
SIM 3328 = sand LM 3328  
Set 5 1/2" csg. in red mud at 3328'.  
3/3/59 SIM 3530 = sand LM 3531  
SIM 3718 = sand LM 3716  
Gas 3742-46  
Test 3750  
" 3782  
" 24.8  
3/19/59 shot well with 316# gelatin  
from 3740 to 3792.  
Test B.S.:  
" 15 min. A.S.: 131  
" 3 hrs. A.S.: 75  
" 37 hrs. A.S.: 66  
3/23/59  
Test 88 hrs. 61  
" 91 hrs. 61.7  
" 109 hrs. 60.7  
" 133 hrs. 56.5  
3/25/59 shot well with 2200# Hercules  
powder from 3740 to 3791.  
Test B.S.:  
" 15 min. A.S.: 343  
" 1 hr. A.S.: 210  
" 18 hrs. A.S.: 114  
" 59 hrs. A.S.: 103

(over)

B-5

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No. WAY-1018

Oil or Gas Well 1-994  
(KIND)

Company <u>Owens Libby Owens Gas Dept.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>Box 4158 Charleston, W. Va.</u>	Size			
Farm <u>Agee Dept. Store, Inc. Tract</u>	16'			Kind of Packer
Well No. <u>1-994</u>	13'			
District <u>Stonewall</u> County <u>Wayne</u>	10'			Size of
Drilling commenced	8 1/4"	1119'		
Drilling completed	6 5/8"	1886'		Depth set
Date shot	5 3/16"			
Initial open flow	3"			Perf. top
Open flow after tubing	2"			Perf. bottom
Volume	Liners Used			Perf. top
Rock pressure				Perf. bottom
Oil	CASING CEMENTED	SIZE	No. FT.	Date
Fresh water	COAL WAS ENCOUNTERED AT	FEET	INCHES	
Salt water	FEET	INCHES	FEET	INCHES

Drillers' Names A. B. Call

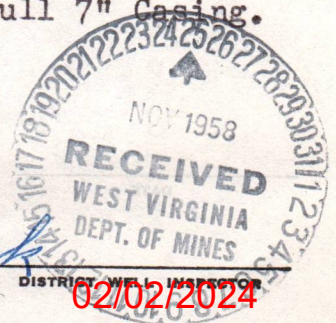
Dewey Holton

Remarks:

Drilling depth 1906'; bad hole below Berea Sand; shot bad hole. Water broke in under pipe. Setting Hydraulic Jacks to pull 7" casing.

11-20-58

DATE





B-6

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No. WAY-1018

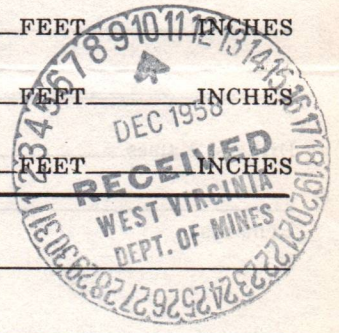
Oil or Gas Well 1-994  
(KIND)

Company <u>Owens Libby Owens Gas Dept.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>P.O. Box 4158</u>	Size			
Address <u>Charleston, West Va.</u>	16			Kind of Packer
Farm <u>Agee Department Stores, Inc.</u>	13			
Well No. <u>1-994</u>	10			Size of
District <u>Stonewall</u> County <u>Wayne</u>	8 1/4	1119'		
Drilling commenced	6 5/8	1886'		Depth set
Drilling completed	5 3/16			
Date shot	3			Perf. top
Initial open flow	2			Perf. bottom
Open flow after tubing	Liners Used			Perf. top
Volume				Perf. bottom
Rock pressure	CASING CEMENTED	SIZE	No. FT.	Date
Oil	COAL WAS ENCOUNTERED AT	FEET	INCHES	
Fresh water	FEET	INCHES	FEET	INCHES
Salt water	FEET	INCHES	FEET	INCHES

Drillers' Names A. B. Call

Dewey Holton

Remarks: This well was drilled through Berea Sand; got bad hole and shot same, after which water broke in under the 7" casing, which was set through the Injun Sand; pulled 7" casing out but have not run it back yet; No one at well at time of inspection and I assume they have not got hole straightened yet.



12-2-58

DATE

*Jw. pack*

DISTRICT WELL INSPECTOR

02/02/2024



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

**INSPECTOR'S WELL REPORT**

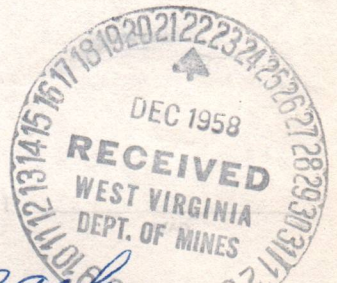
Permit No. WAY-1018

Oil or Gas Well 1-994  
(KIND)

Owens Libby Owens Gas Dept. Company <u>P.O. Box 4158</u> Address <u>Charleston, West Va.</u> Farm <u>Agee Department Stores, Inc.</u> Well No. <u>1-994</u> District <u>Stonewall</u> County <u>Wayne</u> Drilling commenced <u>9-29-58</u> Drilling completed _____ Total depth _____ Date shot _____ Depth of shot _____ Initial open flow _____ /10ths Water in _____ Inch Open flow after tubing _____ /10ths Merc. in _____ Inch Volume _____ Cu. Ft. Rock pressure _____ lbs. _____ hrs. Oil _____ bbls., 1st 24 hrs. Fresh water _____ feet _____ feet Salt water _____ feet _____ feet	CASING AND TUBING  Size 16 13 10 8 1/4 6 5/8 5 3/16 3 2 Liners Used	USED IN DRILLING  1119'	LEFT IN WELL	PACKERS  Kind of Packer _____ Size of _____ Depth set _____ Perf. top _____ Perf. bottom _____ Perf. top _____ Perf. bottom _____
CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____		COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES _____ FEET _____ INCHES FEET _____ INCHES _____ FEET _____ INCHES FEET _____ INCHES		

Drillers' Names Dewey Holton  
Boyd Dotson

Remarks: Reaming and straightening bad hole @ 1908'.



12-18-58

DATE

*J.W. Pack*  
DISTRICT WELL INSPECTOR  
**02/02/2024**



A-5

Date: May 16, 19 84

Operator's  
Well No. Agee Dept. Store A-1

API Well No. 47 - 099 - 1018  
State County Permit

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

WELL OPERATOR'S REPORT  
OF  
INITIAL GAS-OIL RATIO TEST

WELL OPERATOR Cabot Oil & Gas Corp. of WV  
Address P.O. Box 628  
Charleston, West Virginia 25322

DESIGNATED AGENT Robert E. Horrell  
Address P.O. Box 628  
Charleston, West Virginia 25322

GEOLOGICAL TARGET FORMATION: Box Six Sand Depth 3742-3791 feet  
Perforation Interval Shot 3729-3792 feet

GUIDELINES FOR TESTING:

- 1- A minimum of gas vented or flared
- 2- A 24 hour preflow into pipelines or tanks
- 3- Uniform producing rate during the 24 hour test per test period
- 4- Measurement standards as for Form IV-39, "Report of Annual Production" (see Regulation 51.01)
- 5- Separate Form IV-36 for each producing formation in a multiple completion

Back Pressure TEST DATA				
START OF TEST-DATE <u>5/3/84</u>	TIME <u>11:45 am</u>	END OF TEST-DATE <u>5/5/84</u>	TIME <u>7:00 pm</u>	DURATION OF TEST <u>55 hrs.</u>
TUBING PRESSURE <u>1250 psig</u>	CASING PRESSURE	SEPARATOR PRESSURE <u>76 psig</u>	SEPARATOR TEMPERATURE	
OIL PRODUCTION DURING TEST bbls.	GAS PRODUCTION DURING TEST Mcf		WATER PRODUCTION DURING TEST & SALINITY bbls. ppm.	
OIL GRAVITY °API		PRODUCING METHOD (Flowing, pumping, gas lift, etc.)		

MEASUREMENT METHOD			GAS PRODUCTION	
FLANGE TAP <input checked="" type="checkbox"/>	PIPE TAP <input type="checkbox"/>	L-10 <input type="checkbox"/>	POSITIVE CHOKE CRITICAL FLOW PROVER <input type="checkbox"/>	
ORIFICE DIAMETER	PIPE DIAMETER (INSIDE DIAM.)	NOMINAL CHOKE SIZE - IN.		
DIFFERENTIAL PRESSURE RANGE	MAX. STATIC PRESSURE RANGE	PROVER & ORIFICE DIAM. - IN.		
DIFFERENTIAL	STATIC	GAS GRAVITY (Air-1.0) MEASURED _____ ESTIMATED _____		
GAS GRAVITY (Air-1.0) <u>.681</u>	FLOWING TEMPERATURE	GAS TEMPERATURE _____ °F		
24 HOUR COEFFICIENT		24 HOUR COEFFICIENT		
		PRESSURE - _____ psia		

TEST RESULTS			
DAILY OIL bbls.	DAILY WATER bbls.	DAILY GAS <u>55</u> Mcf.	GAS-OIL RATIO SCF/STB

H<sub>2</sub>S = 51.80 ppm  
Total sulphurs = 134.73 ppm

CABOT OIL & GAS CORPORATION OF WV  
Well Operator

By: Robert E. Horrell  
Its: District Production Superintendent

02/02/2024



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No. WAY-1018

Oil or Gas Well 1-994  
(KIND)

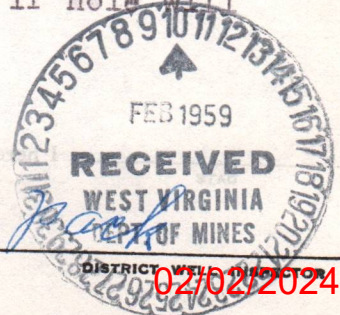
Company <u>Owens Libby Owens Gas Dept.</u> Address <u>P.O. Box 4158 Charleston, West Va.</u> Farm <u>Agee Dept. Stores, Inc. Tr.</u> Well No. <u>1-994</u> District <u>Stonewall</u> County <u>Wayne</u> Drilling commenced _____ Drilling completed _____ Total depth _____ Date shot _____ Depth of shot _____ Initial open flow _____ /10ths Water in _____ Inch Open flow after tubing _____ /10ths Merc. in _____ Inch Volume _____ Cu. Ft. Rock pressure _____ lbs. _____ hrs. Oil _____ bbls., 1st 24 hrs. Fresh water _____ feet _____ feet Salt water _____ feet _____ feet	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">CASING AND TUBING</th> <th style="width: 15%;">USED IN DRILLING</th> <th style="width: 15%;">LEFT IN WELL</th> <th style="width: 55%;">PACKERS</th> </tr> </thead> <tbody> <tr> <td>Size</td> <td></td> <td></td> <td>Kind of Packer _____</td> </tr> <tr> <td>16</td> <td></td> <td></td> <td></td> </tr> <tr> <td>13</td> <td></td> <td></td> <td>Size of _____</td> </tr> <tr> <td>10</td> <td></td> <td></td> <td></td> </tr> <tr> <td>8 1/4</td> <td>1119'</td> <td></td> <td></td> </tr> <tr> <td>6 5/8</td> <td>1911' 1/2</td> <td></td> <td>Depth set _____</td> </tr> <tr> <td>5 3/16</td> <td></td> <td></td> <td></td> </tr> <tr> <td>3</td> <td></td> <td></td> <td>Perf. top _____</td> </tr> <tr> <td>2</td> <td></td> <td></td> <td>Perf. bottom _____</td> </tr> <tr> <td>Liners Used</td> <td></td> <td></td> <td>Perf. top _____</td> </tr> <tr> <td></td> <td></td> <td></td> <td>Perf. bottom _____</td> </tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 40%;">CASING CEMENTED</th> <th style="width: 20%;">SIZE</th> <th style="width: 20%;">No. FT.</th> <th style="width: 20%;">Date</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 40%;">COAL WAS ENCOUNTERED AT</th> <th style="width: 20%;">FEET</th> <th style="width: 20%;">INCHES</th> <th style="width: 20%;"> </th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS	Size			Kind of Packer _____	16				13			Size of _____	10				8 1/4	1119'			6 5/8	1911' 1/2		Depth set _____	5 3/16				3			Perf. top _____	2			Perf. bottom _____	Liners Used			Perf. top _____				Perf. bottom _____	CASING CEMENTED	SIZE	No. FT.	Date					COAL WAS ENCOUNTERED AT	FEET	INCHES													
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Drillers' Names A. B. Callen  
Halden Moore

Remarks: Cemented bad hole with 112 1/2 sacks cement; drilled cement out and run 1911'6" of 7" Casing. Hole has not started to go yet. Tools will not run below pipe. Will try star bit to see if hole will drill.

2-4-59

DATE



02/02/2024



July 9, 1956

Owens, Libbey-Owens Gas Department  
P. O. Box 4158  
Charleston, West Virginia

Gentlemen:

Enclosed are permits for the drilling of the following wells:

<u>Permit No.</u>	<u>Well No.</u>	<u>Farm</u>	<u>District</u>
✓ Way-1018	1-Sr-994	Agee Department Stores, Inc.	Stonewall
Way-1019	6-Sr-1002	G. W. Workman	Butler

Very truly yours,

Administrative Assistant  
OIL AND GAS DIVISION

CNH:K  
Encl-2

CC: Inspector O. C. Allen

02/02/2024

E-9

January 14, 1957

Owens, Libbey-Owens Gas Department  
P. O. Box 4158  
Charleston, West Virginia

Gentlemen:

Please send us two copies of the well record of well No. 1-994 on the Agee Department Stores, Inc., Stonewall District, Wayne County - permit WAY-1018.

We will appreciate receiving this information as soon as possible for our 1956 Annual Report.

Very truly yours,

Administrative Assistant  
OIL AND GAS DIVISION

CNH:K

*Miss Davis called  
1/25/56  
not yet drilled*

02/02/2024



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
CHARLESTON

February 21, 1958

Owens, Libby Owens Gas Department  
P. O. Box 4158  
Charleston 4, West Virginia

Gentlemen:

Please send us two copies of the well record  
for the completion of the following Wells:

<u>Permit No.</u>	<u>Well No.</u>	<u>Farm</u>	<u>District</u>
WAY-1006	45 Sr.-985	Hoard-Baldwin	Stonewall
WAY-1007	46 Sr. 989	Hoard-Baldwin	Stonewall
WAY-1018	1 - 99 1/2	Agee Dept. Stores, Inc (111-3/8 Acres)	Stonewall

We will appreciate the information without delay.  
If these wells have never been drilled, please give us that  
information so that we will be able to cancel the permits.

Very truly yours,

Director  
OIL AND GAS DIVISION

RFT/m

cc Mr. Ivan T. Henson, Inspector

C  
O  
P  
Y

02/02/2024



STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 CHARLESTON

10  
 10

February 21, 1958

C  
 O  
 P  
 Y

Gwens, Libby Owens Gas Department  
 P. O. Box 1158  
 Charleston, West Virginia

Gentlemen:

Please send us two copies of the well record  
 for the completion of the following wells:

District	Well No.	Well Name
Stonewall	WAY-1006	15 27-255 North-Baldwin
Stonewall	WAY-1007	16 27-255 North-Baldwin
Stonewall	WAY-1018	1 - 27 1/2 Agee Dept. Stonee, Inc.
Stonewall		(111-2) (8 Acres)

We will appreciate the information without delay.  
 If these wells have never been drilled, please give us that  
 information so that we will be able to cancel the permits.

Very truly yours,

Director  
 OIL AND GAS DIVISION

WFL/a

cc Mr. Van L. Hanson, Inspector

E-11

# OWENS, LIBBEY-OWENS GAS DEPARTMENT

5793 MACCORKLE AVENUE

P. O. BOX 4158

CHARLESTON 4, WEST VIRGINIA



September 25, 1958

W. Va. Department of Mines  
Oil & Gas Division  
Charleston, W. Va.

Gentlemen:

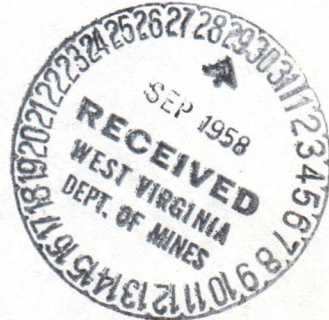
Please reinstate Permit No. WAY-1018 issued to us on July 13, 1956. If you will notify us at your earliest convenience, we will appreciate the favor.

Yours very truly,

OWENS, LIBBEY-OWENS GAS DEPARTMENT

By Eleanor Davis  
Eleanor Davis  
Land Department Adm.

ED



02/02/2024

OWENS LIBBEY-OWENS GAS DEPARTMENT

8703 MACGORKLE AVENUE

P.O. BOX 4128

CHARLESTON 4, WEST VIRGINIA



September 25, 1958

Gas Division  
Charleston, W. Va.

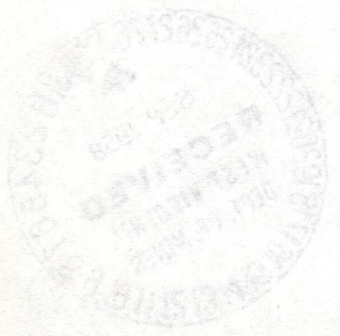
Confidential

Please restate permit No. WA-1011 issued to us  
on July 13, 1958. If you will notify us as soon as  
convenient, we will appreciate the favor.

Yours very truly,

OWENS LIBBEY-OWENS GAS DEPARTMENT

\_\_\_\_\_  
Alton Hays  
Land Department





RECEIVED

MAY 1 - 1964

WELLS:

Gypsy Wright #1 47-099-1182  
E.R. Prichard 47-099-1255  
E.R. Prichard 47-099-1276  
Agee Dept. Store A-1 47-099-1018

Date: April 30 1964

Operator Well No. \_\_\_\_\_

API Well No. 47 - -  
State County Permit \_\_\_\_\_

Plan of Operation for the Flaring of Natural Gas  
Under Code 22-4-14

OIL & GAS DIVISION

DEPT. OF MINES

Well Operator: Cabot Oil & Gas Corp. of WV  
Address P.O. Box 628  
Charleston, West Virginia 25323

Designated Agent: Robert E. Horrell  
Address P.O. Box 628  
Charleston, West Virginia 25323

RECEIVED  
MAY 21 1964

Location

County: Wayne

Quadrangle: Wayne

OIL & GAS DIVISION  
DEPT. OF MINES  
District: Stonewall  
Watershed: \_\_\_\_\_

Number of Acres Contained in Lease \_\_\_\_\_

List and Identify the nearest houses, buildings, and roads and the approximate distance to each.  
Nearest house ±800'  
Nearest road County Route 37/12 (See attached map)

Purposes of Flaring

Is gas to be flared associated to the production of oil? No

Volume of Gas to be Flared 4 wells to be tested against 75 psig back pressure to determine deliverability and H<sub>2</sub>S content.

Time period (Days) in which gas is to be flared and why. Approximately 3-7 days wells will be tested thru gathering system and flared at central point where all gas will be measured. See attached sheet for further details

Flaring Operations

Hours per day that well is to be flared 24

Person supervising flaring operations Robert Horrell Phone No. 757-7003

NOTE: This form shall be submitted along with Form IV-36 "Gas-Oil Ratio Test"

OFFICE USE ONLY

This plan approved subject to the following modifications on this 1 day of MAY, 1964.

Modifications: (see attached sheet of modifications)

*[Signature]*  
Administrator, Oil & Gas

02/02/2024

EM

MODIFICATIONS

- 1) 24 Hours before testing begins notify inspector Jerry Holcomb.
- 2) H<sub>2</sub>S levels will be monitored and results submitted to Office of Oil and Gas 24 hours after testing.
- 3) At no time will any person be submitted to more than an average of 20 PPM for eight (8) hours and peak maximum of 50 PPM for 10 minutes in any eight (8) hour period.
- 4) At no time will any person be submitted to more than an average of 20 PPM for eight (8) hours and at no time will have a peak exposure of 50 PPM.

cc to files

Gypsy Wright #1	47-099-1182
E. R. Prichard	47-099-1255
E. R. Prichard	47-099-1276
Agee Dept.	
Store A-1	47-099-1018

02/02/2024



E-8

May 4, 1984

Bob Horrell  
Cabot Oil & Gas  
P.O. Box 628  
Charleston, WV 25332

This analysis only reflects the components of the sample received by Columbia Hydrocarbon Corp. Sample received 5-3-84

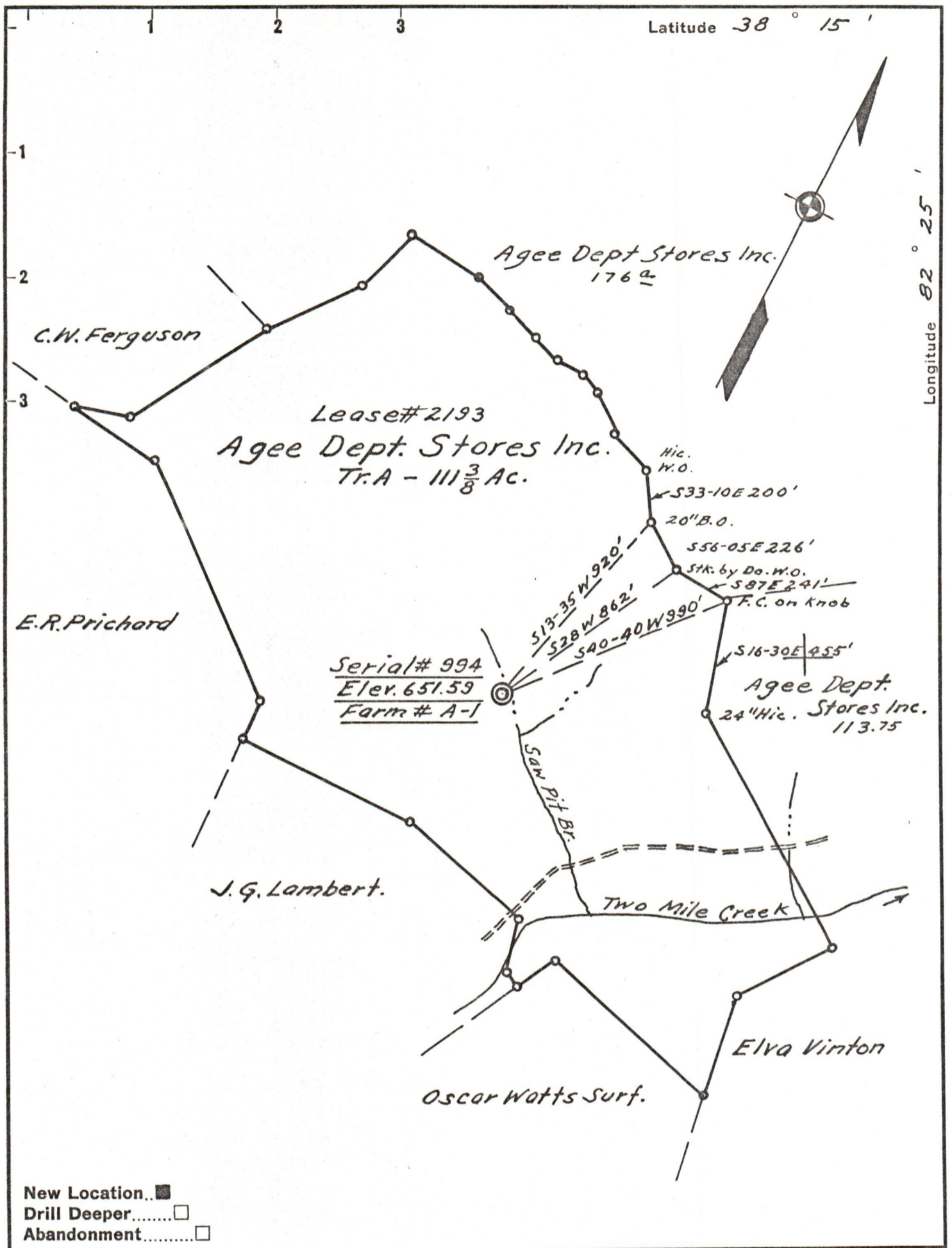
ANALYSIS RESULTS SUMMARY

Well Name: Agee Dept. Sore #1  
Well Location: Wayne Co., WV Big Six Sand  
Date Sampled: 5-3-84

Sulfur Determination:

Hydrogen Sulfide = 51.83 ppm  
Methyl Mercaptan = 21.91 ppm  
Ethyl Mercaptan = 31.54 ppm (or Dimethyl Sulfide)  
Isopropyl Mercaptan = 3.39 ppm  
N-propyl Mercaptan = 13.07 ppm  
Other sulfurs = 13.07 ppm

Patricia C. Bauon  
LABORATORY TECHNICIAN



- New Location..
- Drill Deeper.....
- Abandonment.....

Company Owens, Libbey Owens Gas Dept.

Address Box 4158 Charleston 4 W. Va.

Farm Agee Dept. Stores Inc.

Tract A Acres 111 3/8 Lease No. 2193

Well (Farm) No. A-1 Serial No. 994

Elevation (Spirit Level) 651.59

Quadrangle Wayne 355-18" W 1.08"

County Wayne District Stonewall

Engineer T.S. Flourmoy

Engineer's Registration No. 269

File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_

Date June 8, 1956 Scale 1" = 500 Ft.

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

### WELL LOCATION MAP

FILE NO. WAY-1218 02/02/2024

+ 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.



**CABOT OIL & GAS CORPORATION OF WEST VIRGINIA**

1100 CITY CENTER WEST  
POST OFFICE BOX 628  
CHARLESTON, W. VA. 25322  
TELEPHONE 304/347-1600

**RECEIVED**

MAY 21 1984

OIL & GAS DIVISION  
**DEPT. OF MINES**

May 17, 1984

Mr. Theodore M. Streit, Administrator  
Department of Mines  
Oil and Gas Division  
1615 Washington Street, East  
Charleston, West Virginia 25311

Dear Mr. Streit:

Attached are the results from the Cabot Oil & Gas Corporation of West Virginia back pressure test run on four Big Six wells in Wayne County, West Virginia. This gas was flared throughout the entire test. Deliverability and H<sub>2</sub>S content for these wells were determined.

Sincerely,

*Robert E. Horrell*

Robert E. Horrell  
District Production Superintendent

REH/ccc

Enclosure

02/02/2024