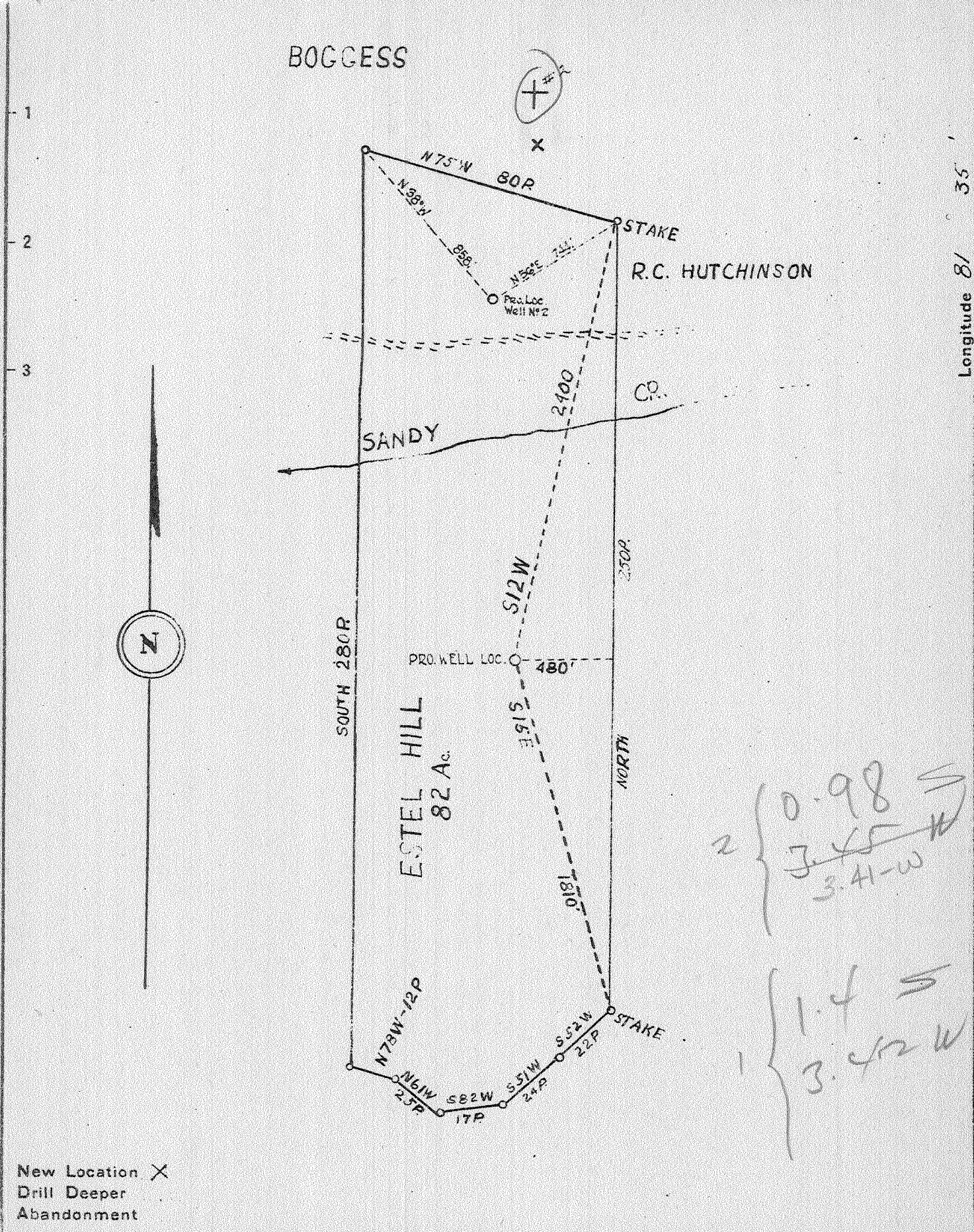
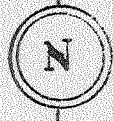


BOGCESS



Handwritten calculations:
 2 { 0.98 S
 3.45 W
 3.41-W
 1 { 1.4 S
 3.42 W

New Location X
 Drill Deeper
 Abandonment

Company HAYS O. & G. Co.
 Address CLENDENIN W.V.
 Farm ESTEL HILL
 Tract _____ Acres 82 Lease No. _____
 Well (Farm) No. ONE Serial No. 2
 Elevation (Spirit Level) 1: 680' 2: 670'
 Quadrangle RIPLEY-AAA C
 County JACKSON District RAVENSWOOD
 Engineer A.E. PRICE
 Engineer's Registration No. 819
 File No. _____ Drawing No. _____
 Date 6-3-41 Scale 1" = 40P.

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

WELL LOCATION MAP
 FILE NO. VAC-101218
2

+ 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.

6-4 192

WEST VIRGINIA DEPARTMENT OF MINES
OIL & GAS DIVISION
W E L L R E C O R D

Permit No. Jac 218	Hays Oil & Gas Co.	Gas Well
Company	Clendonin, W.Va.	CASING & TUBING
Address	Estill Hill	1 200 180
Farm	Sandy Creek	13 525
Location	Acres 82	10 1041
Well No	2 Elev. 660	8 5/8 1947 1947
District	Ravenswood Jackson County	7 4827 4827
Surface	Estill Hill, Sandyville, W.Va.	
Mineral	Same & W.M. Swoezy	16" Casing Shoe
Commenced	Oct. 6, 1941	Depth 4827
Completed	Jan. 12, 1942	
Shot	Jan 12, 1942	CASING CEMENTED:
Flow	7/10ths W in 2" Depth 4966	7" OD 50' L2-20-41
Volume	126,000 C.F.	
Rock Pressure	1800 lbs. 72 hrs.	No Coal
Oil	Mono	
Fresh Water	455° 1075°	
Salt Water	1620°	

Surface	0	10	Oriskany Sand	4926	4926
Yellow Mud	10	25		Lime	4929
Red Rock	25	35	Oriskany Sand	4936	4983
Mountain Sand	35	60	Lime	4983	4986
Slate	60	75	TOTAL DEPTH		4986
Red Rock	75	100			
Slate	100	115			
Red Rock	115	140	Shot Jan 12, 1942 with 120 qts. tamp		
Slate	140	160	shot 450 lbs. gravel. Shot set from		
Red Rock	160	190	4926 to 4966. Gauging before shot		
Slate	190	205	2/10 W through 1" Pipe.		
Red Rock	205	212	Gauging after shot, 15 Min. 16/10 W		
Slate	212	265	through 2" pipe.		
Sand	265	290	Gauging After shot 30 min. 7/10		
Slate	290	378	Water through 2" pipe. (Asking for		
Red Rock	378	430	permit to plug.)		
Pitts. Sand	430	498			
Red Rock	498	525			
Lime Shell	525	530			
Slate & Shells	530	568			
Hard Shell	568	575			
Slate & Shells	575	648			
Red Rock	648	668			
Sand	668	730			
Red Rock	730	745			
Slate	745	820			
L. Dunkard Sand	820	893			
Slate & Shells	893	990			
B. Dunkard Sand	990	1130			
Slate	1130	1210			
Salt Sand	1210	1317			
Slate	1317	1325			
Slate & Shells	1325	1510			
Sand	1510	1522			
Slate	1522	1605			
Maxon Sand	1605	1685			
L. Lime	1685	1708			
B. Lime	1708	1838			
B. Injun	1838	1893			
Slate	1893	1900			
Squaw Sand	1900	1940			
Slate	1940	1950			
Black Lime	1950	2025			
Slate & Shells	2025	2265			
Brown Shale	2265	2310	Showing of gas 2310		
Berea Sand	2310	3540	Showing of gas 3548		
Slate & Shells	3540	3660			
Brown Shale	3660	3812			
White Slate	3812	4130			
Brown Shale	4130	4560			
White Slate	4560	4812			
Brown Shale	4812	4926			
Corniferous Lime					