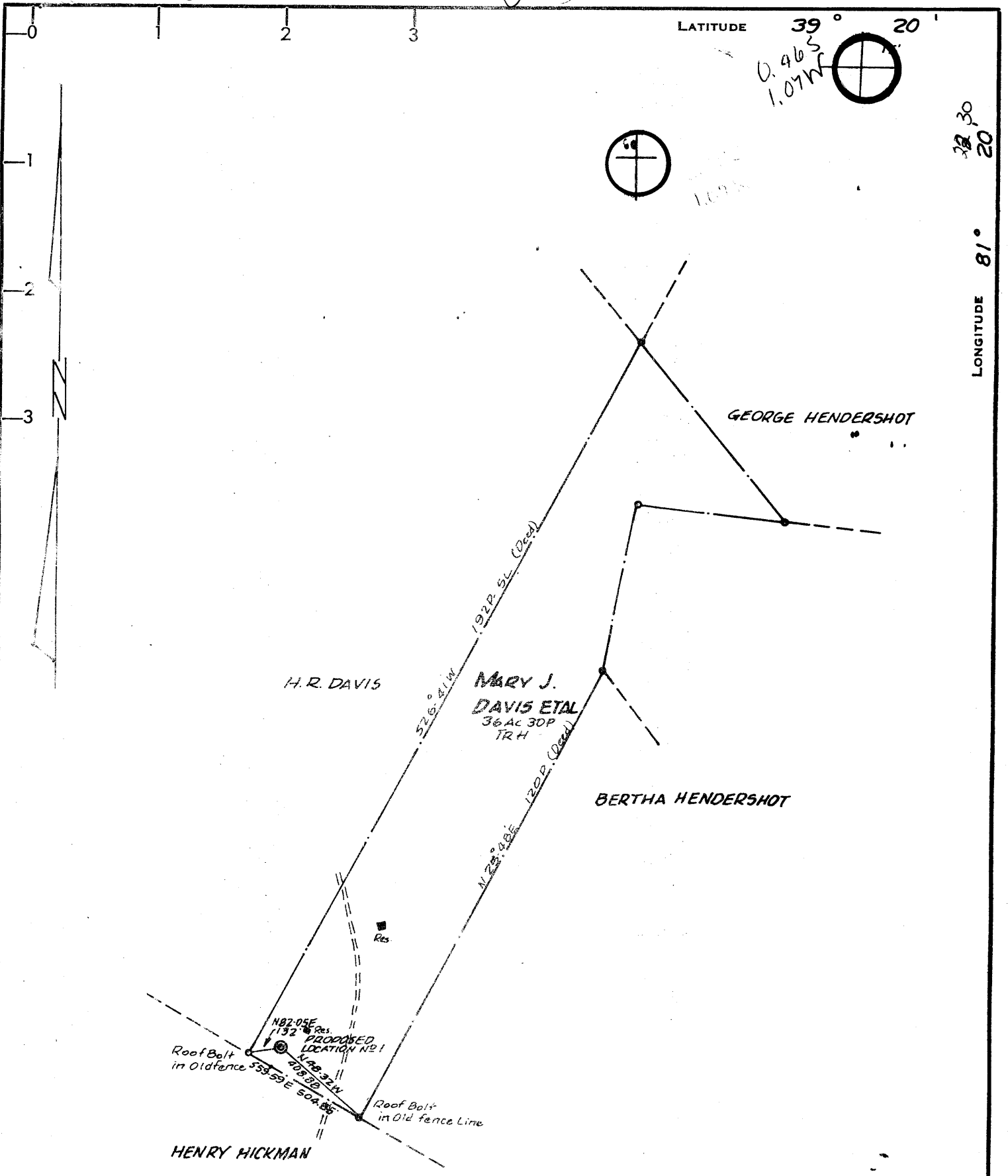


V 5-1-11



- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

"I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

Minimum degree of accuracy is one part in 200

Signed Frank H. Barber LLS # 289

CERTIFICATE

COMPANY H.D. WELLS OIL & GAS
 ADDRESS PO 1785 CHAS., WV 25326
 FARM MARY J. DAVIS ETAL
 MAP _____ ACRES _____ LEASE NO. _____
 WELL (FARM) NO. 1 SERIAL NO. _____
 ELEVATION (SPIRIT LEVEL) 875.54
 QUADRANGLE MARIETTA **SC**
 COUNTY WOOD DISTRICT UNION
 POINT OF PROVEN ELEVATION Knob Elev. 886
 FILE NO. _____ DRAWING NO. _____
 DATE APRIL 26, 1980 SCALE 1"=500 FT.

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
107-1091
 FILE NO. _____

+ 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.

NOV 25 1980
 GORDON 2800



RECEIVED JUN 03 1988

DIVISION OF OIL & GAS DEPARTMENT OF ENERGY

State of West Virginia DEPARTMENT OF ENERGY Oil and Gas Division

Date June 2, 1988 Operator's Well No. Mary Davis #1 Farm Davis API No. 47 - 107 - 1091

WELL OPERATOR'S REPORT OF DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil / Gas x / Liquid Injection / Waste Disposal / (If "Gas," Production x / Underground Storage / Deep / Shallow /)

LOCATION: Elevation: 875 Watershed District: Union County Wood Quadrangle Marietta

COMPANY A. L. Nuckolls ADDRESS 2000 Michael St., Lexington, KY 40502 DESIGNATED AGENT H. D. Wells, III ADDRESS P.O. Box 1785, Charleston, WV 25326 SURFACE OWNER Mary J. Davis Etal ADDRESS Waverly, WV MINERAL RIGHTS OWNER Mary J. Davis Etal ADDRESS Waverly, WV OIL AND GAS INSPECTOR FOR THIS WORK Glen P. Robinson ADDRESS Mineral Wells, WV PERMIT ISSUED 12/80 DRILLING COMMENCED 12/10/80 DRILLING COMPLETED 12/13/80

Table with 4 columns: Casing & Tubing Size, Used in Drilling, Left in Well, Cement fill up Cu. ft. Rows include sizes 20-16 Cond., 13-10", 9 5/8, 8 5/8 (322), 7, 5 1/2, 4 1/2 (2770), 3, 2, and Liners used.

GEOLOGICAL TARGET FORMATION Berea Depth 2093 feet Depth of completed well 2770 feet Rotary / Cable Tools Water strata depth: Fresh feet; Salt feet Coal seam depths: N/a Is coal being mined in the area? no

OPEN FLOW DATA

Producing formation Berea Pay zone depth 2093 feet Gas: Initial open flow none Mcf/d Oil: Initial open flow trace Bbl/d Final open flow 120 Mcf/d Final open flow trace Bbl/d Time of open flow between initial and final tests 8 hours Static rock pressure 515 psig (surface measurement) after 8 hours shut in (If applicable due to multiple completion--)

(Continue on reverse side)

JUN 3 1988

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Water Frac Berea: Perf: 2093 - 2105, 20 holes

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Clay			0	20	<div data-bbox="1061 997 1444 1130" style="font-size: 2em; font-weight: bold; margin-bottom: 10px;">RECEIVED</div> <div data-bbox="1157 1090 1348 1130" style="font-size: 1.2em;">JUN 03 1988</div> <div data-bbox="1077 1157 1428 1236" style="font-size: 0.8em;">DIVISION OF OIL & GAS DEPARTMENT OF ENERGY</div>
Shale			20	35	
Sand			35	40	
Shale			40	71	
Sand			71	102	
Shale			102	210	
Sand			210	305	
Shale			305	463	
Sand			463	492	
Shale			492	584	
Sand			584	613	
Shale			613	1078	
Sand			1078	1090	
Shale			1090	1204	
Sand			1204	1260	
Shale			1260	1335	
Sand			1335	1387	
Sand & Shale			1387	1496	
Sand			1496	1523	
Sand & Shale			1523	1977	
Lime & Sand			1977	2093	
✓ Berea			2093	2105	
Shale			2105	2770	
				Total Depth	

(Attach separate sheets as necessary)

NOTE: AT TIME OF WELL COMPLETION
H. D. WELLS OIL & GAS WAS WELL OPERATOR.
ON JANUARY 2, 1984 THE WELL WAS SOLD
TO MR. A. L. NUCKOLLS.

A. L. Nuckolls
Well Operator

By: _____

A. L. Nuckolls

Date: 6/2/88

Note: Regulation 2.02(i) provides as follows:

"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including soil, encountered in the drilling of a well."

log