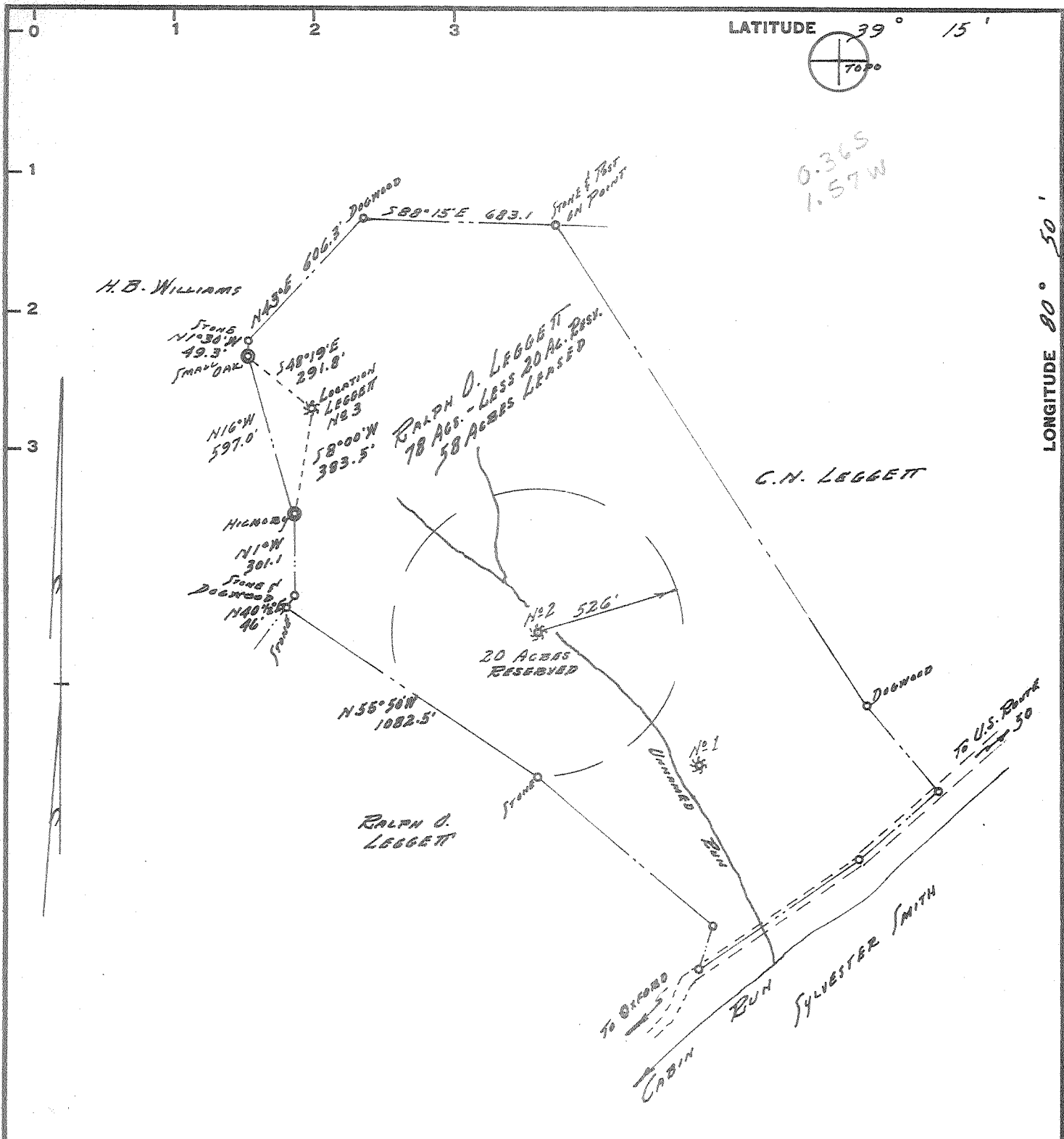


Ra
2-27



0.36S
1.57W

"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."

Paul G. Dean

New Location
 Drill Deeper
 Abandonment

issued 4/25/75

B.M. REF. FURNS OF ROAD AT UPPER CABIN RUN SCHOOL
 MINIMUM EASES OF CLOSURE 12,000

Company HUGH K. SPENCER
 Address WEST UNION, W.VA. 26456
 Farm RALPH O. LEGGETT
 Tract 3 Acres 20-58 Lease No. _____
 Well (Farm) No. THREE Serial No. _____
 Elevation (Spirit Level) 1140
 Quadrangle HOLBROOK NC
 County DODDRIDGE District CENTRAL
 Engineer Paul G. Dean
 Engineer's Registration No. 1856
 File No. 136-B-15 Drawing No. 65-84
 Date DEC. 6, 1965 Scale 1" = 500'

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

WELL LOCATION MAP
 FILE NO. DOO-1344-P

+ 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.

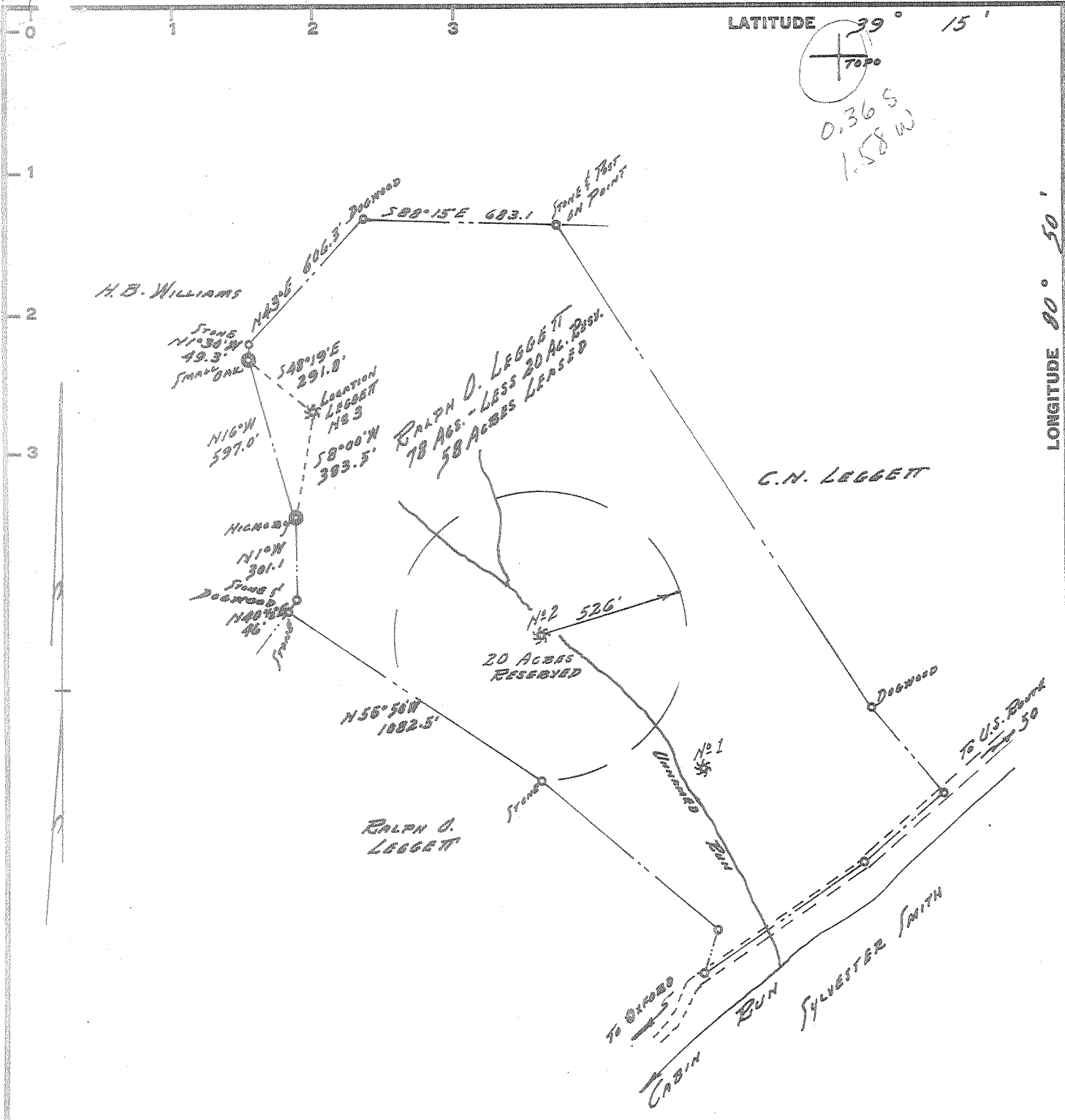
- Denotes one inch spaces on border line of original tracing.

47-017 MAY 8 1975

M

12-21-65

P



7600
 0.36 S
 1.58 W

"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."

Paul S. Dean

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

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 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
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6-6-89



Miss Phillips for posting 3-17-66 WS

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION *12*

- Rotary
- Spudder
- Cable Tools
- Storage

Quadrangle Holbrook

Permit No. DOD-1344

WELL RECORD

Oil or Gas Well OIL
(KIND)

Company High Spencer
Address West Union, W. Va.
Farm Ralph Leggett Acres 58
Location (waters) Cabin Run
Well No. 3 Elev. 1140
District Central County Doddridge
The surface of tract is owned in fee by Ralph Leggett
Address West Union, W. Va.
Mineral rights are owned by Ralph Leggett
Address West Union, W. Va.
Drilling commenced 12-28-65
Drilling completed 2-11-66
Date Shot From To
With _____
Open Flow /10ths Water in Inch
/10ths Merc. in Inch
Volume Show Cu. Ft.
Rock Pressure Not Taken lbs. hrs.
Oil Show bbls., 1st 24 hrs.
WELL ACIDIZED _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16	10	10	
13			
10	316		Size of
8 1/4	1249		
6 3/4	1900	935	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

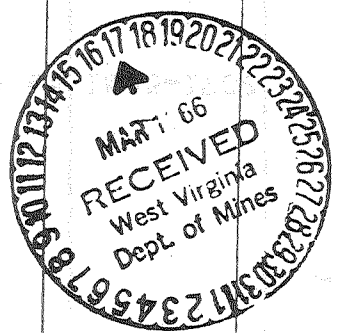
CASING CEMENTED 4 1/2 SIZE 2270 No. Ft. 2-13-66 Date

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

WELL FRACTURED 700 BBL. Water 20,000 Lbs. Sand 250 Gal. 15% Acid

RESULT AFTER TREATMENT 888L Oil Big Dipper
ROCK PRESSURE AFTER TREATMENT 600 lbs. 24 hrs.
Fresh Water 0 Feet _____ Salt Water _____ Feet 1695

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Clay			0	10			
Rock			10	20			
Red Rock			20	35			
Broken Lime			35	50			
Red Rock			50	95			
Broken Lime			95	125			
Red Rock			125	150			
Broken Lime			150	170			
Red Rock			170	200			
Broken Lime			200	230			
Sand			230	240			
Slate & Shells			240	350			
Gritty Lime			350	390			
Slate & Shells			390	450			
Red Rock			450	500			
Slate & Shells			500	555			
Red Rock			555	610			
Slate & Shells			610	695			
Red Rock			695	760			
Slate & Shells			760	780			
Sand			780	815			
Broken Lime			815	910			
Slate & Shells			910	1010			
Red Rock			1010	1020			
Gritty Lime			1020	1050			
Red Rock			1050	1110			
Slate & Shells			1110	1125			
Lime-Hard			1125	1200			



Formation	Color	Hard or Soft	Top ¹²	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate & Shells			1200	1220			
Red Rock			1220	1235			
Lime			1235	1315			
Slate & Shells			1315	1450			
Broken Lime			1450	1515			
Sand			1515	1590			
Slate & Shells			1590	1680			
Sand-Hard			1680	1773	Water at	1695-1702	
Slate & Shells			1773	1794			
Sand			1794	1895			
Slate & Shells			1895	1928			
Sand			1928	1947			
Slate & Shells			1947	2025			
Sand			2025	2050			
Slate			2050	2093			
the Lime			-2093	2111			
Pencil Cave			2111	2115			
Big Lime			-2115	2208			
Injun Sand			2208	2243	Show of Oil	2228-2234	
Slate			2243	2243 2275	T. D.		

Date March 14, 1966

APPROVED Hugh Spencer, Owner
 By Partner (Title)