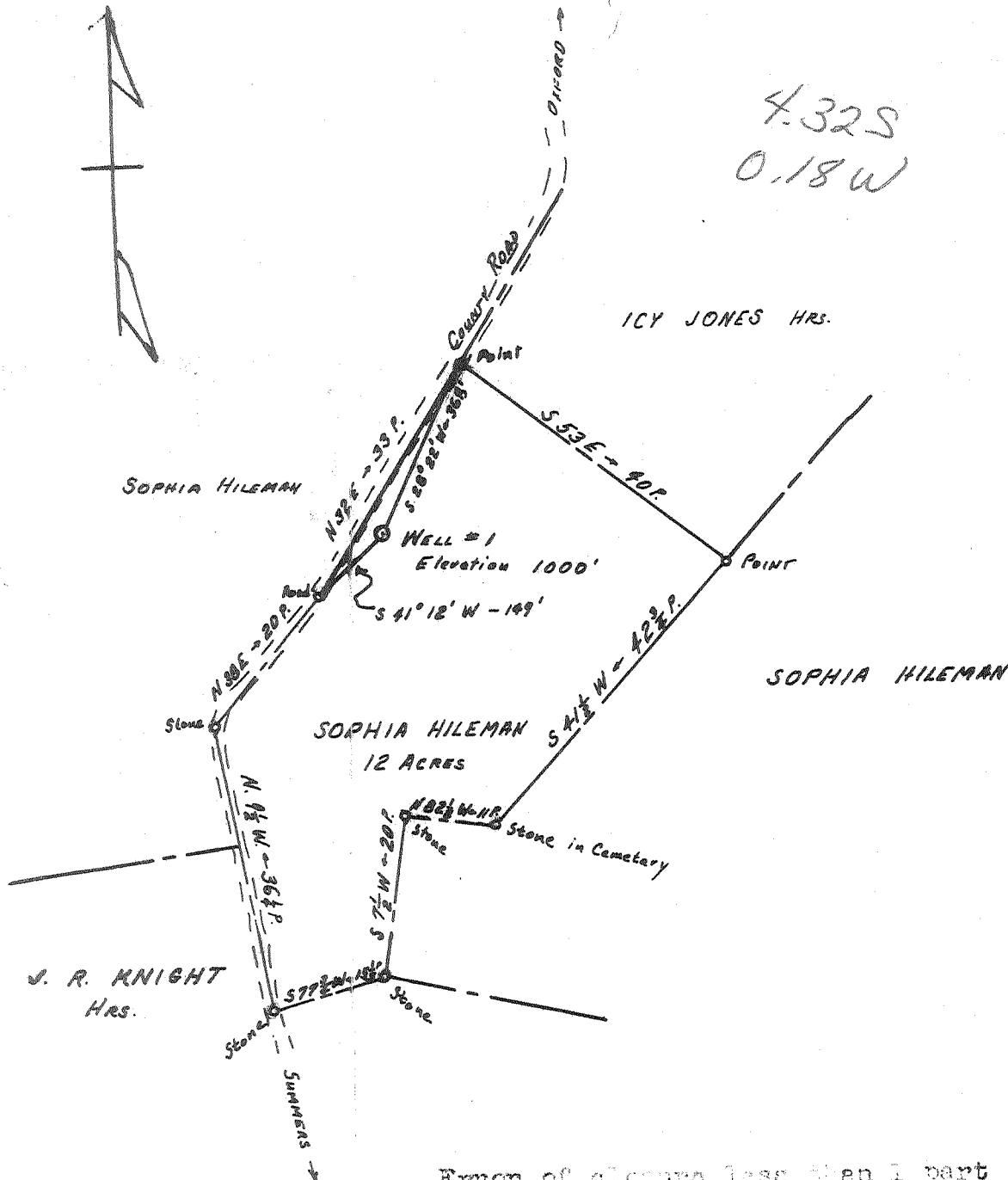


Latitude 39° 15'

Longitude 80° 50'

4.32S
0.18W



Error of closure less than 1 part in 250

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS MAP IS CORRECT TO THE BEST OF MY BELIEF AND KNOWLEDGE 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.

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

SOURCE OF ELEVATION: PRODUCING GAS WELL ON NEARBY LEASE (Elev. 1190')

Company HUGH SPENCER
 Address SMITHBURG, W. VA.
 Farm SOPHIA HILEMAN
 Tract _____ Acres 12 Lease No. _____
 Well (Farm) No. ONE Serial No. _____
 Elevation (Spirit Level) 1000.'
 Quadrangle HOLBROOK - NC
 County DODDRIDGE District SOUTHWEST
 Engineer R. W. Laird
 Engineer's Registration No. W. VA 1938
 File No. _____ Drawing No. _____
 Date _____ Scale 1" = 20 POLES

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

WELL LOCATION MAP
FILE NO. Dodd-1423

+ 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.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 3

Rotary
Spudder
Cable Tools
Storage

Quadrangle _____

Permit No. DOD-1423

WELL RECORD

Oil or Gas Well Oil *gas show*
(KIND)

Company Hugh Spencer
Address West Union, W. Va.
Farm Sophia Hileman Acres 11
Location (waters) _____
Well No. One Elev. 1000
District Southwest County Doddridge
The surface of tract is owned in fee by Sophia Hileman,
Oxford Address West Virginia
Mineral rights are owned by Sophia Hileman
Oxford Address West Virginia
Drilling commenced December 7, 1966
Drilling completed December 30, 1966
Date Shot From _____ To _____
With _____

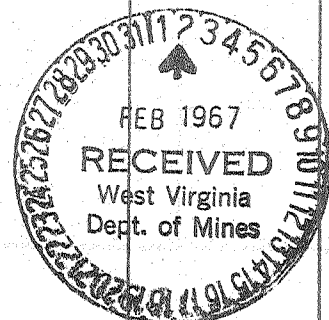
Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16	23	0	
13			
10	248	0	Size of
8 1/4	1097	1097	
6 1/2			Depth set
5 3/16			
4 1/2			
3		1725	Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Open Flow /10ths Water in NONE Inch
/10ths Merc. in _____ Inch
Volume NONE Cu. Ft.
Rock Pressure NOT TAKEN lbs. hrs.
Oil 25 bbls., 1st 24 hrs.
WELL ACIDIZED (DETAILS) NO
WELL FRACTURED (DETAILS) NO

Attach copy of cementing record
CASING CEMENTED NOT CEMENTED SIZE _____ No. Ft. _____ Date _____
Amount of cement used (bags) _____
Name of Service Co. _____
COAL WAS ENCOUNTERED AT NONE FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

RESULT AFTER TREATMENT (Initial open Flow or bbls.) NOT TREATED
ROCK PRESSURE AFTER TREATMENT NOT TAKEN HOURS _____
Fresh Water 34 Feet _____ Salt Water 1253 Feet _____
Producing Sand Maxton Depth _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Top Soil			0	5			
Red Rock			5	48			
Slate			48	60			
Red Rock			60	115			
Sand			115	125			
Slate & Shells			125	135			
Red Rock			135	150			
Lime			150	160			
Slate & Shells			160	175			
Red Rock			175	192			
Slate & Shells			192	206			
Sand			206	230			
Red Rock			230	250			
Broken Lime			250	255			
Red Rock			255	270			
Slate & Shells			270	325			
Red Rock			325	385			
Lime			385	460			
Slate & Shells			460	515			
Lime			515	540			
Red Rock			540	630			
Sand			630	655			
Lime			655	675			
Pink Rock			675	690			
Sand			690	695			
Slate & Shells			695	715			
Lime			715	735			
Slate & Shells			735	750			
Pink Rock			750	785			



Formation	Color	Hard or Soft	Top 3	Bottom	Oil, Gas or Water	Depth Found	Remarks
Lime			785	820			
Slate & Shells			820	855			
Sand - Little Dunkard			855	870	Show of Oil	- 860	
Slate & Shells			870	893			
Sand			893	928			
Lime			928	955			
Slate			955	960			
Sand			960	990	Show of Gas	- 965	
Slate & Shells			990	1015			
Lime			1015	1070			
Sand			1070	1120	Show of Oil	- 1110	
Slate & Shells			1120	1190			
Sand			1190	1280	Gas, Oil, & Water	- 1253-1263	
Slate			1280	1300			
Sand			1300	1320			
Shale			1320	1415			
Sand			1415	1515			
Slate & Shells			1515	1645			
Lime			1645	1665			
Sand			1665	1690			
Lime			1690	1711			
Sand, Maxton			1711	1715			
Lime			1715				
T. D.			1725				

Date Jan 10, 1967

APPROVED Hugh Spruill, Owner

By _____ (Title)