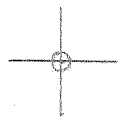


LATITUDE 39° 20' 00"

LONGITUDE 80° 37' 30"



7'5 OGIS topo location

7.5' loc 2.475
1.03W

15' loc 2.475
(calc.) 3.26W

Company _____

Farm _____

Elev. 1050' - 7.5' topo - elev 3/5 hrs
Centerpoint SC

Quad SMITHBURG 7 1/2'

County DODDRIE

District GRANT

WELL LOCATION MAP

File No. 017-1947

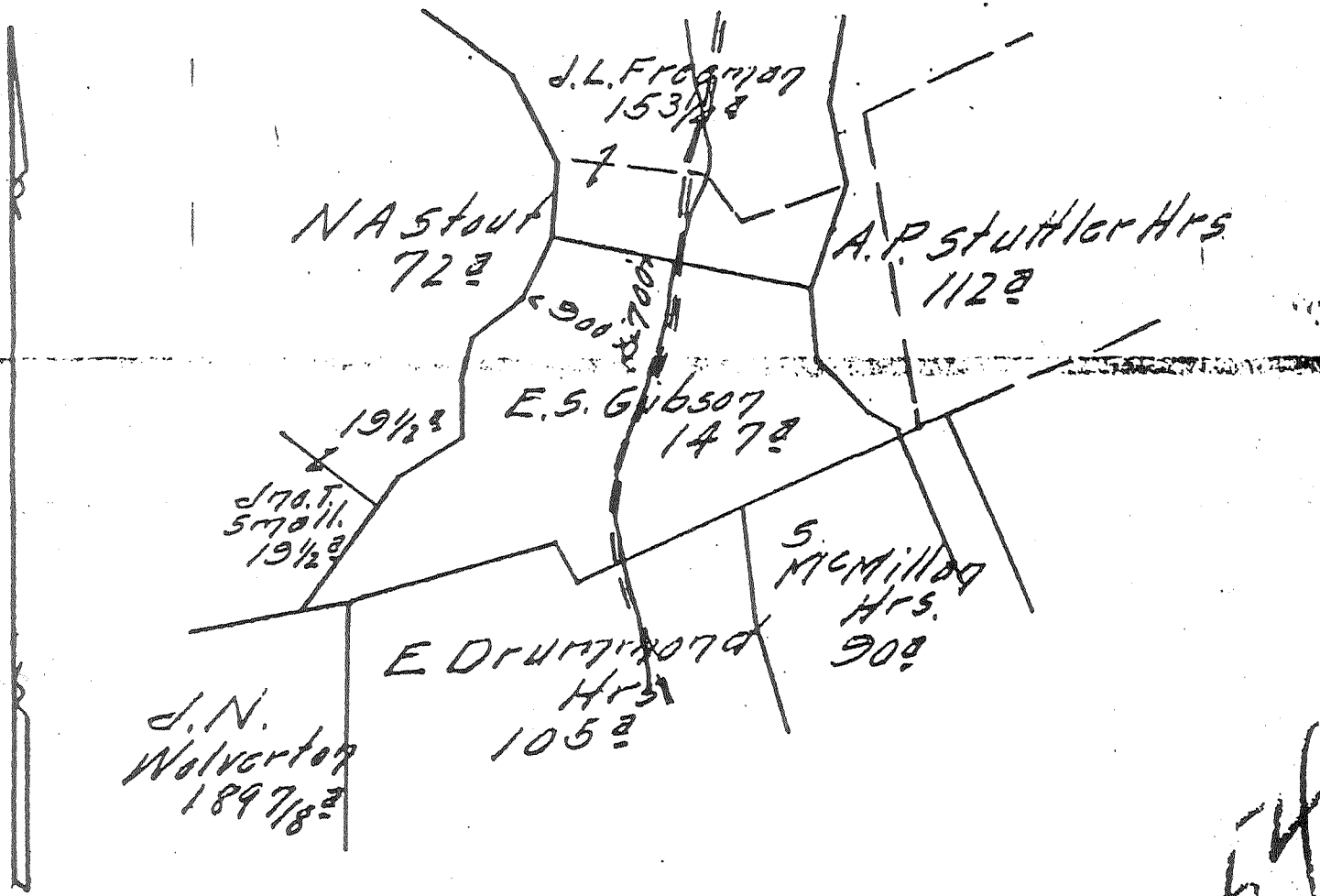
HOPE NATURAL GAS CO.

11

LOCATION FOR WELL No. 3666

On Salem District Thurman Run
 Farm, on waters of Grant District, Doddridge County, West Virginia
 Lease No. 17702 Acres 148 N. 11 E. 2
 Scale, one inch equals 80 Poles Sent to Clarksburg Office Oct 9 1914
 Location to be 900 feet from N. A. Stout farm and 700 feet from
J. G. Drummond farm
10-9-14

Genius Payne (present owner)
Salem, W. Va.



54

TITLE _____

RESERVE Three hundred feet around the dwelling house.

SPECIAL INSTRUCTIONS: COMPLETE WELL ON OR BEFORE Jan 24 1915

Location made 10-14-14 by J. A. Helms As per plat, except as noted. On field map 10-15-14 Returned to Pittsburgh 10-14-15

Location changed on account of _____

Authorized by _____ Date _____ Signed _____

017-1947

Well No. 3666 ✓
 Farm Name Alice Gibson ✓

Hope Natural Gas Company REPAIR RECORD

Salem District
 N. S 11 E W 2

Date First Work Done 6-9-54 ✓
 Commenced:
 Cleaning Out 6-14-54 ✓
 Drilling Deeper _____
 Abandoning _____

Nature of Work Rigging up ✓
 Completed:
 Cleaning Out 9-24-54 ✓
 Drilling Deeper _____
 Abandoning _____

CASING AND TUBING RECORD

Size	Before Repairs		Pulled		Put in Well		After Repairs		Weight
	Tally	Steel Line	Tally	Steel Line	Tally	Steel Line	Tally	Steel Line	
5/8	1143 ✓		None ✓		None ✓		1143 ✓		
7/8	1967 ✓		None ✓		None ✓		1967 ✓		
3/8	2092 ✓		2092 ✓		None ✓		None ✓		
1/2	None ✓		None ✓		2018 ✓		2018 ✓	2000 ✓	13#

SHOOTING RECORD (Show if Open Shot or Tamped Shot)

Date	Quarts	Top of Shell	Bottom of Shell	Diameter	Sand	TEST BEFORE SHOT			TEST AFTER SHOT			Test Taken After Shot No. Hours	By Whom Shot
						Reading	Liquid	Opening	Reading	Liquid	Opening		
					Not shot	during these repairs							

RECORD OF ANY DEEPER DRILLING

Formation	Top	Bottom	Oil at	Gas at
Commenced drilling at depth of				
Cleaning out and hydra frac job				
Original depth 3159. Bridged at 2084.				
Present Total Depth	2084 ✓			

PACKER RECORD

Size	Kind	Set At (Steel Line)
5 1/2 ✓	St. Casing Shoe	2000

PACKER PULLED

Size 2 x 6-5/8	Kind Anchor
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OIL PRODUCTION

Estimated	bbl. per day	Sand

CLARKSBURG OFFICE ENTRIES

Repair Card	W.S.N. 10/14/54 ✓
Well Card	" " ✓
Memo Book	_____
Well Map	_____
Map Sheets	_____

VOLUME AND PRESSURE REPORT

BEFORE CLEANING OUT (Take Test When Ready to Clean Out)

VOLUME TEST

Date of Test	Flow Meter or Open Flow	PITOT TUBE			CUBIC FEET	Sands Gas From	Time Blown
		Reading	Liquid Used	Opening			
6-14-54	FM ✓	15/10	water	3/4	16.4 M.	Injun	6

AFTER CLEANING OUT

VOLUME TEST

Date of Test	Flow Meter or Open Flow	PITOT TUBE			CUBIC FEET	Sands Gas From	Time Blown
		Reading	Liquid Used	Opening			
7-54	FM ✓	22/10	Water	3/4	19.8 M.	Injun	6

AFTER DEEPER DEEPER Hydra frac job ✓

VOLUME TEST

Date of Test	Flow Meter or Open Flow	PITOT TUBE			CUBIC FEET	Sands Gas From	Time Blown
		Reading	Liquid Used	Opening			
2-54	FM ✓	Test by meter chart			103.0 M.	Injun	6

PRESSURE TEST

Date of Test	Opening	1 Min.	2 Min.	3 Min.	4 Min.	5 Min.	6 Min.	7 Min.	8 Min.	9 Min.	10 Min.	30 Min.	60 Min.	Hrs. Reok
7-54	5 1/2 Casing	7 ✓	11	16	21	26	31	36	40	44	49	120	150	✓
	" Tubing													

Remarks: See reverse side

ORIGINAL—For Land Dept. Only

Karen R. Mason
 District Superintendent
 017-1947